Green Asian Voice

Let's go green

GREEN ASIAN VOICE COUNCIL

GREEN REVOLUTION

Let's Go Green

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Message

Mrs. ANU CHACKO

As the National President of Green Asian Voice Council and also the National Secretary of Rashtriya Janata Dal, along with its state presidentship in one of the states in India, I'm honoured to take this huge responsibility in Green Asian Voice Council, a non profit Organization that aims to reduce air pollution, especially New Delhi, the most polluted capital city in the world, along with worlds top polluted cities and most of them being in India too with Ghaziabad city in Uttar Pradesh, almost leading the world in pollution.

Apart from mere awareness programs we believe in practical implementation of changes that has to desperately happen and that's where our Organisation makes a difference by converting maximum fuel powered vehicles to electric vehicles, ordinary houses to solar houses and so on. As the transportation sector becomes the single biggest reason in deteriorating air quality we are keen in fastening the available alternative to the people by educating them to digest a slogan that my next vehicle will be an electric vehicle or my first vehicle will be an electric vehicle.

In 2019 the air pollution deaths in India was nearly 17 lakhs but in the year 2020 when the lockdown due to Covid-19 pandemic was taking place the air pollution deaths was reduced to nearly two lakhs only, which clearly shows that the absence of poisonous emissions from the vehicles was the reason for saving the huge air pollution deaths. This is really a horrific situation where the Government after knowing the real facts, still continues to use this poisonous fuel as a tool of getting maximum taxes, without considering its disasters.

Embracing the moral responsibility of a former journalist who served as the managing editor of a news magazine, I will use all my political as well as social experience of the past 25 years to build a new India with clean air to breathe and and thereby try to save the millions of lives lost due to air pollution along with the billions of people affected by chronic respiratory diseases which made it easy for the Covid - 19 to attack and kill our dear ones so easily. So I humbly welcome you to be a part of our Green Revolution Movement for fighting against air pollution... Let's Go Green

National President (INDIA)
Green Asian Voice Council

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It's high time to Go Green

Green Asian Voice
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About Us

Green Asian Voice Council, an international non-profit Organization intends to create an unpolluted, clean and healthy green environment by promoting all possible measures to reduce poisonous Carbon emissions and thereby finding a remedy for the most unfortunate drastic effects of air pollution.

A Green Revolution that will enable us to breathe clean air will be our prime concern in the middle of rising pollution and devastating climate changes which is affecting our planet severely from all corners of the earth as horrific disasters and killing millions of people.

As a part of creating a clean, green and resilient world for all, we are encouraging sustainable transportation by promoting electric vehicles to remove air pollution resulting from the emissions of fuel powered vehicles and also solar houses to remove air pollution from coal firing power plants which releases the maximum amount of poisonous gases into the atmosphere while producing electricity.

The safety of our planet along with the precious life of innocent people who are deeply affected by the disasters of air pollution will be our main target. With the backup of green promotional voices raised by our committed Volunteers, we are confident enough to become a strong motivated force which unites together as Team Green, by being sincerely dedicated to bring about a considerable change for implementing policies which promote the noble cause of reducing air pollution.

UN ON AIR POLLUTION

United Nations has given several warnings about the drastic effects of air pollution which kills an estimated 7 million people every year. It is the biggest ever environmental health risk of our time. Airborne pollutants are responsible for about one third of deaths from lung Cancer, Stroke, spike in Asthma, chronic respiratory and other diseases.

The Climate and Clean Air Coalition hosted by the United Nation Environment Program is a part of the Global Breathe Life campaign with a collaborative effort to help in mobilising cities and encourage individuals to protect us from the effects of air pollution.

Shifting to the renewable energy could save up to 150 million lives by the end of the century, amidst concerns that six billion people regularly inhale air so polluted that it puts their life, health and well being at risk.

Caring our nature will be saving our future

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Mission

Green Asian Voice Council, is directly and indirectly engaged in the promotion of "the necessity of clean air to breathe" which is the most essential factor for healthy human existence. This reality is becoming a serious threat for the present and future generations on earth. We really feel that the huge number of diesel and petrol vehicles along with the lack of solar electrifications in all possible sectors accounts to nearly 75% of the reasons for the massive universal air pollution.

It's not only the view of our Organisation that air pollution is the biggest problem our universe is facing but the United Nations, WHO and almost all the world leaders have categorically stated recently in the 26th UN Climate Change Conference in Glasgow on November 2021 that Climate change resulting from air pollution is the biggest universal disaster and also made commitments to reduce Carbon emissions from the use of fossil fuels that causes air pollution.

Not only that, 3 months before this meeting the IPCC which is the Inter Governmental Panel on Climate Change, a body of the United Nations published it's latest report prepared by 234 scientists from all over the world, stating that human activity has resulted in the massive air pollution and sudden action is required to save the precious life of people and the planet as a whole. Therefore, our mission is to have plans set up in a systematic manner for working towards accomplishing our planned objectives in anticipated time with a focus to back up the concept of a healthy Green environment.

UN ON AIR POLLUTION

Geneva Human Rights Council made a report on human rights and environment, which insisted that air pollution is a "silent, sometimes invisible, prolific killer" which affects women and girls more than men. Moreover the basic right to a healthy green environment is legally recognised by 155 States.

Dr.Boyd explained. "Air pollutants are everywhere, largely caused by the burning of fossil fuels for producing electricity, transportation and massive heating, as well as from the industrial activities, very much poor waste management and agricultural practices," he said.

Air pollution is present both inside and outside homes which is responsible for the premature death of 7 million people each year, including six lakh children, as per the report of human rights and Environment by the United Nations.

Protect the Scenery, Preserve the Greenery

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UN ON AIR POLLUTION

"Every hour, 800 people are dying, many after years of suffering, from cancer, respiratory illnesses or heart disease which is directly caused by breathing polluted air," he said, and also these deaths were preventable.

A safe, clean, healthy and sustainable environment is very much integral to the maximum enjoyment of a wide range of human rights, including the rights to life, health, food, water and sanitation. Without a healthy environment, we are unable to fulfil our aspirations. Without access to the minimum standards of human dignity.

Recently the recognition of the links between human rights and the environment around us has greatly increased. Number and scope of academic studies, international and domestic laws a based on the relationship between human rights and the environment are growing rapidly.

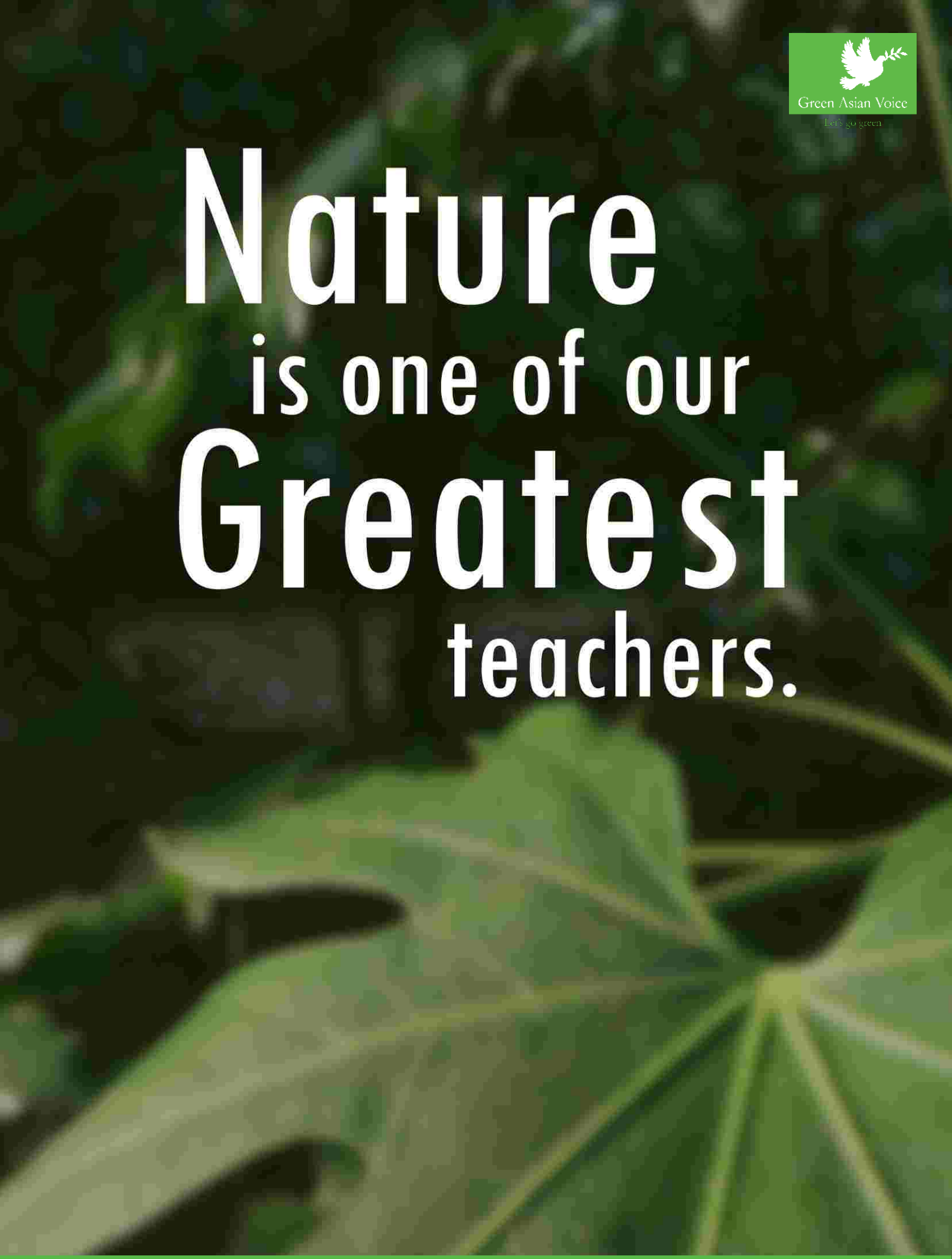
Vision

Our Organization does have a clear vision about a much healthier generation residing in an unpolluted Green environment which will make a huge difference in the life of a human being as well as the planet.

Our Green promotional voices with real social commitment makes us really confident that we can even increase the healthy life span of people by 15 - 20 years on an average which is actually painfully reduced by the drastic effects of massive air pollution, which can easily be prevented by corrective measures taken by the authorities and followed as human activities

It is our endeavour to reach out to the society at the grass root level by spreading this golden message of Green Revolution, to all classes of people without any discrimination of rich or poor, literate or illiterate, all classes especially the ones that are socially marginalised, without knowing the luxury of enjoying a better life in a clean, unpolluted, healthy, Green environment that is free from suffocation and chronic respiratory diseases.

By going Green we can certainly reduce or eliminate air pollutants and thereby make the air we breathe clean, which means good health and less expenditure on hospital bills. Use of green and renewable energy also helps to reduce the emission of Carbon dioxide to the environment that reduces Carbon footprints which is so critical as the amount of Carbon dioxide absorbed by oceans is currently increasing by two billion tons per year, leading to severe climate changes.



Teachers deserve maximum respect and so is nature…

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UN ON AIR POLLUTION

The human rights and the environment mandate, examines the human rights obligations as they relate to a safe, clean, healthy and sustainable environment. It also promotes better practices relating to the use of human basic rights in Green environmental policymaking.

This report, prepared jointly by the former Special Rapporteur Mr. John Knox and the current United Nation Special Rapporteur Mr. David Boyd, closely examines the relevance and importance of the real potential recognition of the right to a healthy environment by the United Nations.

United Nations recalls the right to a unpolluted healthy Green environment which has been recognized by good number of countries inside their related constitutions, legislation, and various regional treaties to which they are parties.

Green Asian Voice Council

Green Asian Voice known as Green Asian Voice Council in India, registered under section - 8 of the Indian Companies Act 2013, has the same objectives and management in India and abroad. Although it is registered under the Companies Act it is not a private or public limited company but a non profit making Organization which can engage in sales, marketing and distribution of services but not for profit . We are permitted to take donations for our activities and also apply for tax exemption from the Income tax department of India under sections 80G and 12A of the Income tax Act.

Here we are engaged in doing activities related to the mission of our project which is to reduce air pollution at the earliest. As a result of that we promote maximum people to engage in Green investments which will reduce air pollution. For example, by investing in and promoting the use of electric vehicles instead of fuel powered vehicles, solar powered equipments, reducing pollution in construction etc.

Millions of people are dying every year due to air pollution and what is more alarming is that billions are affected by many chronic diseases. Considering this horrific situation we started promoting Green oriented projects for reducing air pollution, which is the need of the hour that will tackle the greatest human made disaster of all time, the world is experiencing now. In these situations a non profit Organization like us is encouraged to do sales, marketing and distribution of services relating to the project but not for profit.

Our planet is so precious and only we can save it.

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Green Revolution begins here

We believe in the motto "Actions speak louder than just Words". We seek to spread our message of promoting a healthy Green Revolution Movement through our loud and clear actions. We promote and inculcate maximum awareness about the importance of having electric vehicles by looking at various aspects like its economic benefits to the consumer and environmental benefits to the world. We also make active efforts in enlightening people about the disadvantages of fuel powered vehicles and the hazards that it carries along by emitting various poisonous substances into the atmosphere.

Vehicular pollution is the single biggest reason for deteriorating air quality, followed by coal firing power plants, burning of agricultural waste, felling of trees to widen roads, construction and so on. Team Green will foresee these pollution issues and consider this movement as an initial step for enabling a healthy Green environment.

We are about the fact that our Motto "let's Go Green" will resonate with the common man that they will be tempted to follow this change and preach for the same everywhere, after experiencing a healthy change from the current pollution, which will be a product of our successful implementation of our Green oriented projects. It is our obligation to make the common man understand the need to cooperate with our initiative as one responsible unit to fight air pollution that has become a reason for millions of deaths across the globe.

IPCC REPORT 2021

The Intergovernmental Panel on Climate Change is a body of the United Nations mandated to provide the objective scientific information which is relevant for understanding human induced climate change, its natural, social political and economic impacts.

It was established in the year 1988 by the prominent World Meteorological Organization comprising of 195 countries and the United Nations Environment Programme, with subsequent endorsement by the United Nations General Assembly.

By group of 234 scientists as authors of this report had conducted an extensive study of 14,000 research papers to come to their conclusions. This report further estimates that the whole world will probably reach or exceed the maximum limit of 1.5 degrees centigrade of warming within the next two decades.

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It's in our hands to make the world a better place …

Air Pollution - A real threat

IPCC REPORT 2021

According to the new IPCC report, humans have caused almost 100% of global warming. Climate science has evolved since the last published IPCC report, the scientists are now much more confident that human influence has caused climate change than they have been before.

Report says "It is quite indisputable that human activities are causing the climate change, making extreme climate events including heat waves, heavy rainfall, and droughts more frequent and severe." What it mainly highlights is the current condition of the changing climate atmospheric concentrations of a range of rising greenhouse gases.

The normal water cycle is assessed to be intensifying, frozen parts of the globe are melting the gigantic ice mountains and the oceans are warming up, to list a few of the indicators, which is clearly visible now.

According to the WHO, more than 1 million premature deaths in China are caused by air pollution every year and India leads the world in pollution related deaths which also crosses more than a million in a year. Air pollution would decrease the lifespan of a human being from 15 to 20 years because it makes innocent people suffer from chronic respiratory and other related diseases including coronary Heart problems, Stroke, Lung cancer etc. Mostly children below the age of five are leading to lifetime diseases and also the people above the age of 60, are being very badly affected . In 2019, 116 000 infants died in India within the first month being born, often a direct outcome of a mothers exposure to air pollution during pregnancy.

Most of the 7 million premature deaths attributed to air pollution by the WHO, originates from various poisonous chemicals emitted by the exhausts of fuel powered vehicles, sandstorms, agriculture, industry, wildfires, burning of fossil fuels, felling of trees to widen roads, construction of new housing and public infrastructure to accommodate migrant workers etc. According to the WHO, India exceeds the limits of small particle pollution by 500%.

Climate change amplify the health risks caused by pollution, due to intense exhaustion of diesel and petrol vehicles, forest fires, Coal firing power plants, burning of agricultural wastes etc. Link with Lung cancer is well established, were excess deaths from air pollution are caused by Heart attacks, Strokes etc.

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Even after millions of death annually, air pollution is not taken seriously.

IPCC REPORT 2021

While these findings no doubt give us a deep sense of impending doom, they come at an important time in the human history, a most crucial time when environmental consciousness is at an all time high. It's unfortunate that many governments continue to brush environmental concerns under the carpet.

The report directly charts how our actions over the years have led to where the environment is today. It categorically states that human induced greenhouse gas emissions are the main driver of the observed changes in hot and cold extremes on the global scale and on most continents.

Adding to these disasters, the temperature changes are further amplified at the regional scale by regional processes such as soil moisture or snow ice albedo feedbacks, land use and land cover changes or particles of aerosol concentrations, etc.

Pollution deaths

India leads the world in pollution related deaths, followed by China and Nigeria. As India is on the path of development, millions of new vehicles are on the roads and the lack of electric vehicles along with more coal firing power plants have made India the leading country in the world regarding pollution related deaths. New Delhi which is the most polluted capital city in the world is made significantly worse by its location, in the heart of India's agricultural region where rife stubble burning makes fumes that pollute swathes of northern India and add to Delhi's toxic haze in addition to lakhs of fuel powered vehicles.

Although the Government of India has adopted certain measures to promote electric vehicles, it has not gained much popularity due to the lack of charging infrastructures and the lack of awareness among the common man about the importance and economic benefits of using electric vehicles. Moreover, emissions from fuel powered vehicles, especially small and larger Particulate matter, Nitrogen dioxide, Sulphur dioxide and Ozone have likewise been linked to drops in cognitive performance, labour productivity and educational outcomes.

1.7 Million Pollution death

In India itself more than 1.7 million people have died due to the effects of air pollution in the year 2019 only. This is really a shocking information but nothing serious is being done to tackle these issues much faster. Along with millions of deaths , billions of people are affected with chronic diseases too.

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Green Asian Voice Going Global

Air pollution is an universal disaster

Biggest Polluters - 1

The World Meteorological Organisation has recorded during the year 2021 that, the concentration of Carbon dioxide in the atmosphere broke all records in the history of humanity. Specifically, the concentration reached 407.8 parts per million, which represents almost a 47% higher level than the period before Industrial Revolution ie before 1750's

However, the most part of this pollution comes from just a few countries. China, for example, generates around 30% of all global emissions, while the United States is responsible for almost 14%. In the ranking below you can find the countries that produce the most emissions, measured in millions of tons of Carbon dioxide emitted in a year . Here are the most polluted countries on the base of Carbon emissions.

Most Polluted Countries

1. China, with more than 10,065 million tons of CO2 released. 2. United States, with 5,416 million tons, 3. India, with 2,654 million tons 4. Russia, with 1,711 million tons, 5. Japan, 1,162 million tons, 6. Germany, 759 million tons , 7. Iran, 720 million tons, 8. South Korea, 659 million tons, 9. Saudi Arabia, 621 million tons, 10. Indonesia, 615 million tons of Carbon dioxide.

Among the most polluted countries on the basis of the Particulate matter emitted, Bangladesh emerged as the country with largest pollution followed by Pakistan, Mongolia, Afghanistan , India, Indonesia, Bahrain, Nepal, Uzbekistan, Iraq and so on.

IPCC REPORT 2021

It estimates irrigation and crop expansion to have increased summer temperatures in some regions such as the U.S. Midwest and importantly, urbanisation appears to have become more temperature extremes in cities.

While such events have been edged on by human induced climate change, it is most likely to continue to increase with further global warming. Frequent heat waves, droughts, flash floods, and other disasters are proof.

United states, Europe and Asia, or the polar regions and smaller islands, the report is clear that every part of the world is bound to be affected by climate change. Specifically in Asia, the marine heatwaves continue to increase, fire weather seasons will lengthen and intensify, heavy rains will amplify, shorelines will retreat and coastal areas will sink, especially the coastal cities with initial threat.

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When we heal the earth by going green, we heal ourselves

IPCC REPORT 2021

For those who refused to believe in climate change, the news is officially out there now. For starters, governments need to ensure that the efforts and millions spent on climate action actually deliver the much needed results.

A recent German climate publication explains that the German way has long been to spend many billions on climate action without paying attention to the effects achieved. The use of funds and the effect on climate protection as of today's situation are blatantly disproportionate.

The absurdly high funding for the expansion of renewable energies over many years has become a legend. When switching to electro mobility, politicians are in the process of repeating the same mistake. These pathetic comments stand true for other governments universally too and a quick action is required.

Biggest Polluters - 2

Each year more than 36,000 million tons of Carbon dioxide are released into the Earth's atmosphere, and it is the main source of the Greenhouse gases that contribute to climate change. These gases generate from fossil fuels, the generation of energy through non-renewable channels and polluting human activities. Most of the polluted cities in the world are in India including the most polluted capital city in the world , New Delhi.

Most Polluted 50 Cities in the World

1. Hotan, China 2. Ghaziabad, India 3.Bulandshahr, India, 4. Bisrakh Jalalpur, 5. Bhiwadi, India, 6. Noida, India, 7. Greater Noida, India, 8. Kanpur, India, 9. Lucknow, India, 10. Delhi, India, 11. Faridabad, India, 12. Meerut, India,13. Jind, India,14. Hisar, India,15. Kashgar, China, 16 Manikganj, Bangladesh,17. Agra, India,18. Lahore, Pakistan, 19. Bahawalpur, Pakistan, 20. Muzaffarnagar, India, 21.Fatehabad, India, 22. Bandhwari, India, 23. Dhaka, Bangladesh, 24. Gurugram, India, 25. South Tangerang, Indonesia, 26. Yamuna Nagar, India, 27. Rohtak, India, 28. Muzaffarpur, India, 29. Faisalabad, Pakistan, 30. Dharuhera, India, 31. Singrauli, India, 32. Patna, India, 33. Coraut, India, 34. Kurukshetra, India, 35.Jodhpur, India, 36. Alampur, India, 37. Vapi, Indi, 38. Fatehgarh Sahib, India, 39. Kaimla, India, 40. Guwahati, India, 41. Gujranwala, Pakistan, 42. Kutail, India, 43. Muridke, Pakistan, 44. Anyang, China, 45. Gwalior, India, 46. Belpahar, India, 47. Puyang, China, 48. Handan, China, 49. Hebi, China, 50. Aksu, China.

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Agitations to reduce human made pollution is growing to save the Planet

Two killers in the Air

It's shocking to know that most of the world's top polluted cities are in India where deadly polluted air and Covid - 19 virus, the two giant invisible killers who have many similarities between each other are putting millions of people at risk, just by breathing them. Deadly peril is smothering our cities, killing four times as many people in one year than Covid - 19. Across the world nearly nine million people died from air pollution in 2018, and in India, it claims the life of one child every three minutes. The peril is air pollution and the victims have died simply by breathing in the air around them.

Fossil fuels are the source of toxic fug engulfing the cities. polluted greenhouse gas emissions from coal, oil and gas are simultaneously forcing global warming, while doing a hit and run number on city populations through the release of tiny poisonous particles which penetrate deep into the Lungs leading to Lung cancer, Coronary heart disease, Strokes and early death. The smallest particles are considered especially dangerous to human health because they get through many of our bodies' defences such as nose hair or mucus. It is our harsh reality that millions are breathing in this deadly atmosphere and we have no control over the effects of this situation yet.

Therefore, keeping this pain in mind we initiate our first step by replacing the fuel powered vehicles with electric vehicles along with promotion of customised solar panel designed roofing and solar panels in agricultural fields to produce electricity.

IPCC REPORT 2021

In addition to the latest transformational policies, we need to seriously tap into the renewable energy sources. Reducing the unsustainable and polluting power sources is not enough, we need to do away with them completely given the dire state of affairs.

Governments should also develop these policies in close dialogue with corporate climate leaders who are working to reduce emissions because they can bring immense insight and innovation to the net-zero transition idea.

Low-Carbon activities in the middle of pandemic recovery should be done by stopping fossil fuel subsidies, putting a price on Carbon, and making climate related financial disclosure mandatory. Humans might be the main reason for disasters of environmental degradation but, ironically the ideal human centric measures can also be the solution.

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Another demon that kills us is the poisonous pollutants from fossil fuels

Covid-19 and Air Pollution

The more tiny dangerous particles from Carbon emissions, the more will be the problems to human life because it affects the respiratory system leading to chronic diseases. The recent Covid - 19 is also the same where the virus which is invisible to the human eye, that has shaken the whole world, is also affecting the respiratory system initially, but what is worth noting is the effect of air pollution is much more complicated and dangerous than Covid-19 which also affects the human respiratory system.

As Covid-19 is ravaging globally, many studies have linked air pollution to be a elevating factor to Covid-19 case numbers and deaths. The difference is that Covid-19 patients get worse faster and for many it cures faster also because its a virus which is having life and will be dead within a few days but air pollution is a slow poison which creates lifetime diseases because it does not have life or death and continues to live with us throughout our lives. It takes more time for the worst and even more time to get permanently cured from the chronic respiratory diseases resulting from air pollution. Both are equally dangerous for children as well as aged people over the age of sixty.

Moreover the mortality rates due to air pollution is so huge when compared to the loss of lives in the recent ongoing Covid-19 pandemic, proving that air pollution is such a greater disaster than the virus. If we had taken the same precaution, care and importance given for Covid-19, then air pollution could have been reduced to a great extent.

IPCC REPORT 2021

Tapping into the modern indigenous knowledge and latest methods of green technology investments is perhaps a very good place to start. The recent advancements in the organic farming, afforestation, water conservation, energy, urban design, and more have shown exceptional results.

Taking them seriously would not just help to create a tremendous talent pool, but also pave the way for much needed environmental change. Every minute change starts off small and revisiting this philosophy rather than bogging the feeling of public, down with unfathomable statistics and latest scientific jargon is what we need.

Advances in recent climate science and improvements in analytical tools are crucial. Progress in our understanding of human influence is gained from the longer observational dataset.

Air pollution is a man made obstruction leading to Lung destruction

Pollution deaths saved

When there was a forceful global lockdown due to the Covid-19 pandemic, millions of lives were saved from the disasters of air pollution due to the absence of fuel powered vehicles on road and factories without operation which used to cause maximum air pollution.

So the reality is that Covid-19 has saved millions of lives globally that occur due to direct or indirect effects of air pollution which clearly shows that its high time to replace petrol and diesel vehicles with electric vehicles, coal power plants with solar power plants, concrete roofings with solar panel roofings, alternative for burning of agricultural wastes etc.

It's very clear that the recent lockdown in the middle of the Covid -19 pandemic has saved many lives from the drastic effects of air pollution because the year 2019 without any lockdown had nearly 1.7 million deaths due to air pollution in India which was shocking but there was not even half the deaths reported in the year 2020 due to air pollution which had several days of lockdown that has considerably reduced transportation, construction and functioning of factories to a great extent.

We hope that our positive steps will reduce air pollution at the earliest and thereby save millions of lives along with the billions affected by chronic respiratory and other related diseases. In addition to that, it will also save the universe as a whole from the tragic effects of climate change caused due to air pollution.

IPCC REPORT 2021

Improved palaeo-climate based information, much more stronger warming signals with improvements in climate models, improved physical understanding and attribution techniques are some of the advances outlined in the report.

The attribution to human influence has become possible across a wider range of climate variables and climatic impact drivers. The new techniques and analyses drawing on several lines of evidence have provided greater confidence in attributing changes in regional weather and climate extremes to human influence.

Human activities have warmed the planet at a rate never seen before in the planet's long history of the past 2,000 years in particular. The IPCC report found that the Earth's global surface temperature warmed by 1.09°C when the previous situation was compared between 1850-1900.

Lockdown during pandemic has saved millions of air pollution deaths

Pollution effects on health

Breathing in polluted air can be very harmful for our health, it can lead to loss of life or permanent damages caused by chronic respiratory diseases. Long term exposure to air pollution has been associated with diseases of the Heart, Lung cancers and other severe respiratory health problems. Even healthy people can be affected by the hazardous impact of polluted air, that can cause respiratory diseases or breathing difficulties during exercise or outdoor activities.

Your actual risk of adverse effects depends on your current health status, the pollutant type and concentration, and the length of your exposure to the polluted air. High air pollution levels can cause immediate health problems including aggravated Cardiovascular and respiratory illness, added stress to Heart and Lungs, which must work harder to supply the body with Oxygen, damaged cells in the respiratory system etc. Long-term exposure to polluted air can have permanent health effects such as accelerated aging of the Lungs, loss of Lung capacity and decreased Lung function, development of diseases such as Asthma, Bronchitis, possible Cancer, shortened life span etc.

Those who are most susceptible to severe health problems from air pollution are individuals with Heart disease, Coronary artery disease or congestive heart failure of individuals with Lung diseases such as Asthma, Emphysema or chronic obstructive pulmonary disease, pregnant women, outdoor workers, older adults and the elderly children under age the age of 14 etc.

IPCC REPORT 2021

Mostly the least developed countries, which are also among places that will bear the worst brunt of global warming, threw their weight behind the 6th Assessment Report released by the latest IPCC report.

"Alarm bells are ringing, I hope everyone is hearing them," said Sonam P Wangdi, chairman of the group of the 46 least developed countries, shortly after the much awaited report on the science of climate change since the year 2013 was released by the Intergovernmental Panel on Climate Change

Among the findings of climate change 2021, there has been a 40 percent decrease in Arctic sea ice since 1979 and with every one degree celsius rise in temperature, there will be 7° increase in the intensification of extreme rain events. This fast pace of melting ice will be really devastating.

The basic right of a human being is to get clean air to breathe…

IPCC REPORT 2021

Apart from that Carbon dioxide concentration has been the highest in at least 2 million years. The report flagged that unless there are immediate, rapid and large scale reductions in the rising greenhouse gas emissions, limiting warming to close to 1.5°C will be beyond reach.

The report comes as yet another stark warning, and the science is even more clearer. It's shocking that Global greenhouse gas emissions continue to rise, the climate crisis is worsening, and the impacts will be devastating.

We must act quickly now, to urgently limit warming and prepare our communities for the impacts to come. The report flags several alarming facts about climate change. The last four decades have been successively more warmer, global surface temperature rising high means sea level has increased, and global Glaciers are retreating fast.

Toxic Pollution related diseases

Toxic pollution is among the leading risk factors for non-communicable diseases globally. Non-communicable diseases account for 72% of all deaths, 16% of which are caused by toxic pollution. Toxic pollution is responsible for 22% of all Cardiovascular disease, 25% of Stroke deaths, 40% of Lung cancer deaths, and 53% of deaths from chronic obstructive Pulmonary disease. As poisonous fossil fuels from the transportation sector account for more than 60% of toxic air pollution, an alternative for fuel will solve more than half of the air pollution crisis.

Competition for Pollution

The issue surrounding diesel and petrol engine pollution is very common. There was a perception initially that diesel engines pollute less, but today we blame diesel engines for polluting more. Diesel engines emit less Carbon dioxide and greenhouse gases than petrol engines because of the particular type of fuel and the internal efficiency of the diesel engine. More specifically, the fuel used in diesel engines has a higher compression ratio than petrol and it also performs better than petrol engines.

Both petrol and diesel may compete with each other as to which is the largest polluter but the fact is that both cause the greatest destruction as far as air pollution is concerned. It's high time that an alternative has to be on roads at the earliest. Whether it is petrol or diesel the consumption of both has to stop with utmost urgency to save the lives of innocent people.

Green Asian Voice

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By cutting engine and oil you are cutting pollution too.

Fuel engine a real Polluter

The air pollution issue is still a bit more complex than what we have been experiencing earlier as the fuel powered vehicles are increasing in millions annually. Firstly, the technology of these petrol and diesel engines and the standards that go along with them evolve fast. Secondly, the fuel powered engines are often quite different, both in structures and uses.

In recent years, a system called direct injection has gradually spread over fuel powered engines. This system uses a pump to spray fuel into the cylinder at high pressure to reduce fuel consumption. The problem with this system, however, is that it significantly increases the number of fine particulate pollutants in petrol engines. As a result, the fine particle emission rates of petrol engines are increasing as this type of engine develops. They can, in fact, eventually catch up with the fine particle emission rates of diesel engines. As a matter of fact, the Euro 6 standards have the same limits on fine particle emissions happening for diesel and petrol engines.

On average diesel vehicles are bigger, heavier and more efficient than petrol vehicles. As a result, in transport and environment, diesel engines in circulation are on average, polluting more than petrol engines in terms of Carbon dioxide emitted over their life cycle. As particle pollutants cause serious destruction to mankind, especially chronic respiratory diseases, an alternative for fuel powered vehicles should be available for the common man at the earliest.

IPCC REPORT 2021

The shattering of climate records is continuing, July 2021 was the third warmest July on record globally, exactly revealed Copernicus earth observation programme of European Union.

According to Copernicus, July is usually the warmest month of the year globally, although August can sometimes be more warmer. July 2021 was warmer globally than any previous month in the data record other than July 2019 and 2016. The previous month too broke records.

The rising global surface temperature for June 2021 was the fifth highest ever in 142 years, according to the most reliable United States National Oceanic and Atmospheric Administration Global Climate Report June 2021. For Europe, reeling under both the heatwave and severe flooding, the average monthly temperature is rising rapidly leading frequent disasters.

Poisonous emissions from vehicles and Covid - 19 are both invisible killers.

Diesel engine exhaust emissions

Main chemicals associated with diesel exhaust emitted by diesel engines include Carbon dioxide, Carbon monoxide, Nitric oxide, Nitrogen dioxide, Sulfur dioxide, Sulphuric acid, Formaldehyde, Acrolein, Particulate matter, Anthracene, Ahenanthrene polycyclic aromatic hydrocarbons etc.

These are compounds in the Polynuclear aromatic hydrocarbon fraction from particulate extracts of diesel vehicles, Methyl Fluoranthene / pyrene Acenaphthylene, Trimethylnaphthalene, Dimethylbiphenyl, Naphthalen, eTrimethylphenyl, Dibenzothiophene, Fluorene, Phenanthrene, Anthracene, Methyldibenzothiophene, Methylphenanthrene, Methylanthracene, Ethylphenanthrene, 4H-cyclopenta phenanthrene, Ethyldibenzothiophene, 2-Phenylnaphthalene, Dimethylphenanthrene, Pyrene, Fluoranthene, Benzo dibenzothiophene, Benz Acenaphthylene,Benzo naphtho thiophene, Ethyl Methylphenanthrene, Benzofluorene, Cyclopenta Pyrene, Benzofluoranthene, Benzanthracene, IndenolPyrene, 3Methylchrysene, Phenyl, Chrysene, 1, 2-Binaphthyl, Methylbenzanthracene, BenzoFluoranthene, Benzopyrene, Benzanthracene,Benzoperylene, Dibenzopyrene.

The other Airborne Particulate composition of inorganic constituents and emissions from diesel exhaust include Hydrogen, Boron, Carbon, Nitrogen, Sodium, Magnesium, Aluminum, Silicon, Phosphorous, Sulphur, Lead Potassium, Calcium, Titanium, Manganese, Iron, Copper, Zinc, Barium etc.

IPCC REPORT 2021

The only July month on record that was warmer than this over Europe occurred in 2010, when western Russia experienced a much severe heatwave and the European average temperature was 1.7°C above its 1991-2020 level.

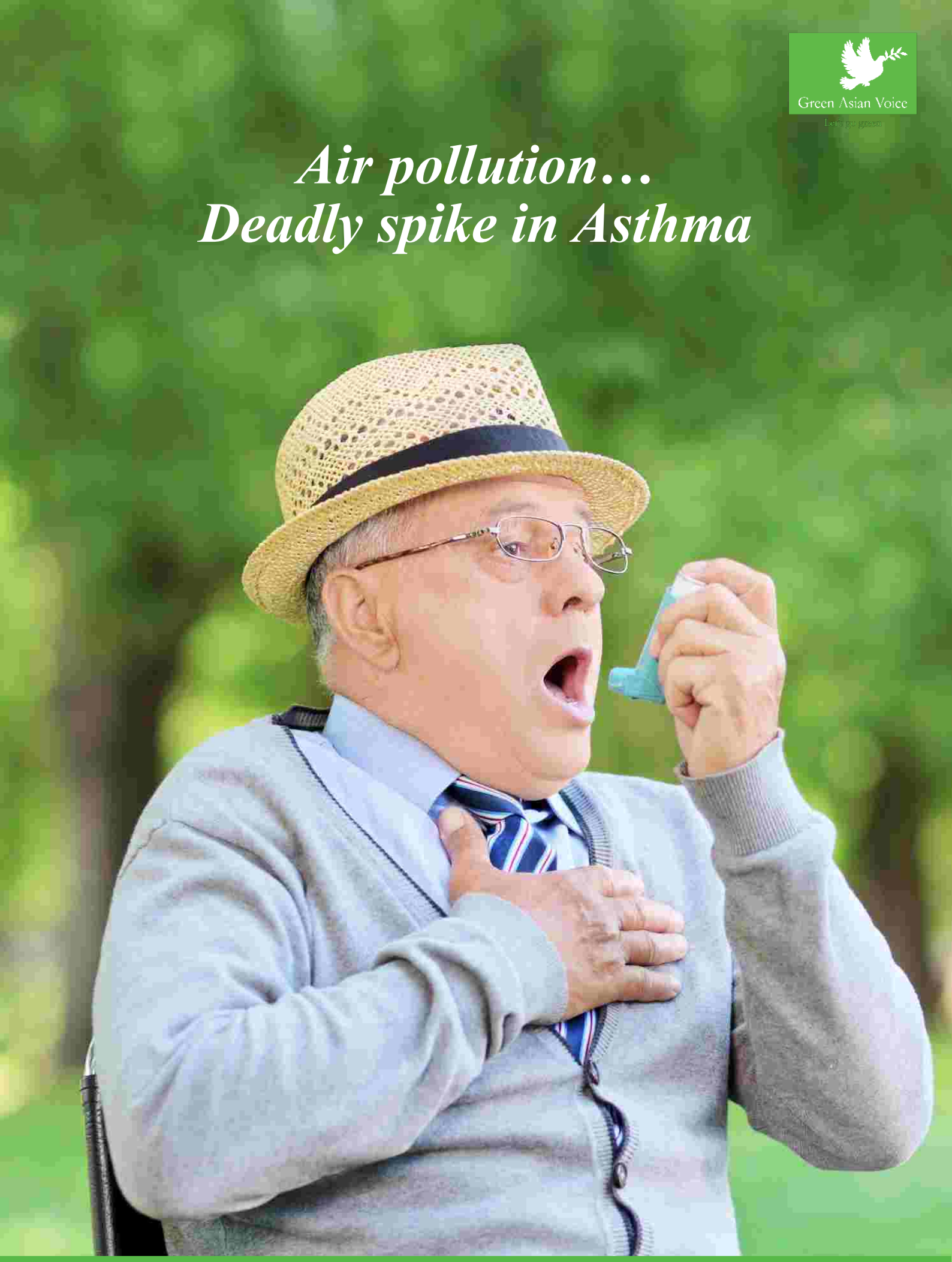
Average rising of the temperature has become a real concern all throughout this report and it's really alarming. It was above average for the majority of the ocean surface temperature. Invariably, colder areas have also remained warmer than average.

According to the recent European Union weather body report, the temperature average recorded in the last twelve months has remained above the thirty year average temperature over northern Siberia and the adjacent Arctic seas, northeastern Canada, northwestern Africa, the Middle East and the Tibetan Plateau. According to the reports these facts are really alarming.

Green Asian Voice

Let's go green

Air pollution… Deadly spike in Asthma



Your life is rare, don't let it end by polluted air, so care it dear

IPCC REPORT 2021

This confirms that the current global efforts to address climate change do not reflect the scale of the crisis we are facing. This serious crisis have to be dealt more with ambitious nationally determined contributions.

More climate finance and long term decarbonisation plans should be highlighted in the 26th conference major of parties to the United Nations Framework Convention on Climate Change to be held in Glasgow. He warned that submitting the same NDC was not enough and that stronger emissions reduction targets were needed for 2030.

The world has been seeing unprecedented lethal heatwaves and floods in the recent times. These will only get worse as emissions continue to rise. Apart from natural changes to the Earth's climate excess global warming occur due to greenhouse gases caused by human activities.

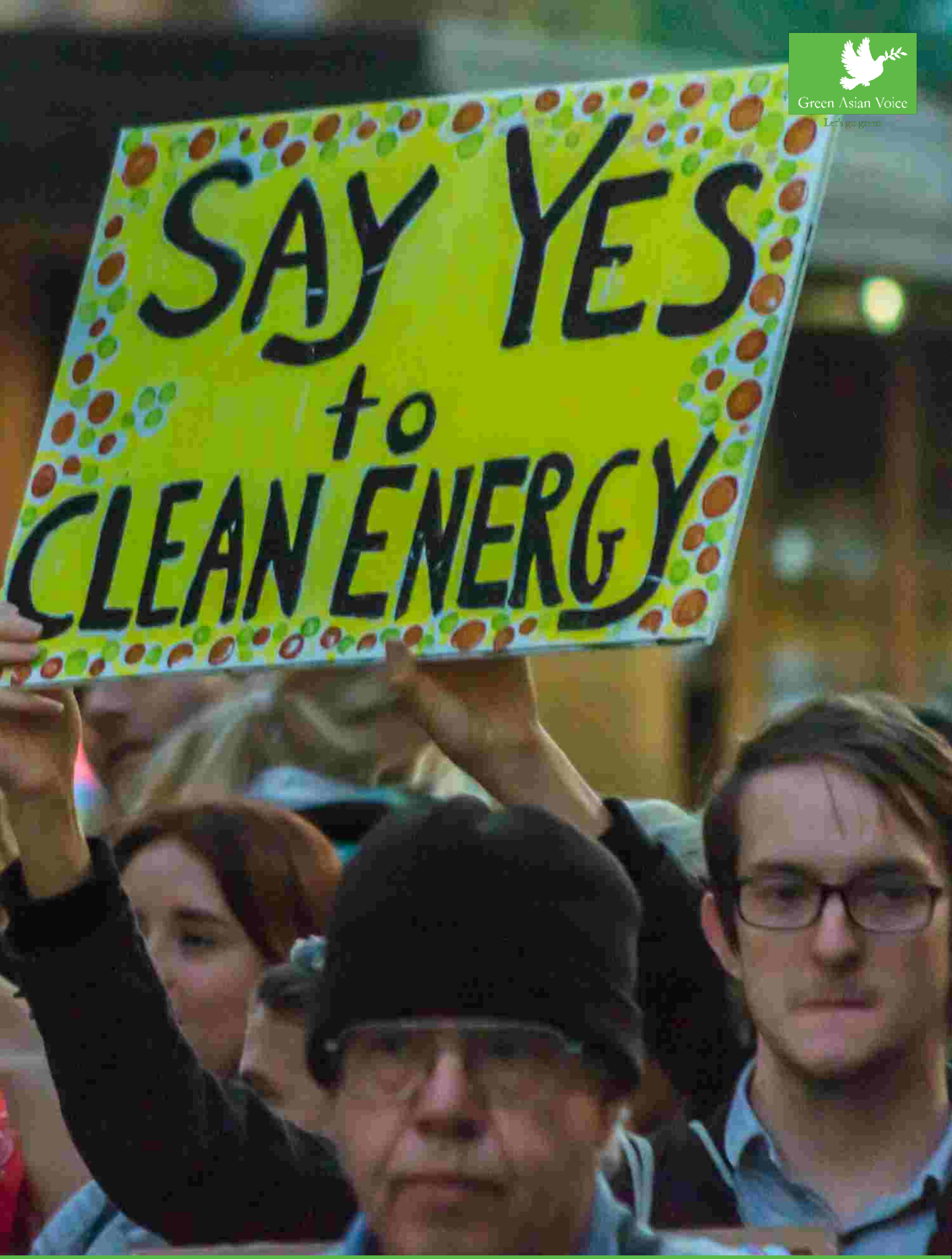
Particulate Matter

Particulate matter which is the main pollutant from the emissions of fuel powered vehicles is a complex mixture that may contain soot, smoke, metals, nitrates, sulfates, dust, water and tire rubber. It can be directly emitted, as in smoke from vehicle emissions, fire, or it can form in the atmosphere from reactions of gases such as Nitrogen oxides.

PM 2.5 refers to a category of particulate pollutant that is 2.5 microns or smaller in size. The average cross-section of a human hair is 50 microns, which means that the size of Particulate matter can be even smaller than one thirteenth size of an human hair. This clearly indicates the smallest of sizes that is invisible to the human eye like the Covid-19, pose the real problems as they bypass the body's natural defences and can get deep into your lungs and potentially enter your bloodstream.

Affecting Lungs and Heart

Exposure to such particles can affect both your Lungs and Heart. Airborne Particulate matter is not a single pollutant, but a mixture of many chemical species from vehicle emissions. It is a complex mixture of solids and aerosols composed of small droplets of liquid, dry solid fragments, and solid cores with liquid coatings. Particles vary widely in size, shape and chemical composition, contain inorganic ions, metallic compounds, elemental Carbon, organic compounds, and compounds from the earth's crust. Diameter of 10 microns or less are inhalable directly into the Lungs inducing adverse health effects.



Green Asian Voice

Let's go green

If you don't treat the air well then the earth will be a hell with fossil fuels

IPCC REPORT 2021

Almost 100% of global warming has been caused by humans, which is the main reason for extreme hot weather which have become more frequent and without which these extremes would have been unlikely.

Now it is quite certain that human driven emissions are the main driver of the changes in the extreme hot and cold weather patterns on the global scale and warming of ocean leading to acidification of sea. The ability of scientists is to pinpoint the worse extreme weather events caused by climate change.

Previously, they could not link a specific event to warmer temperatures caused by human activity. But this is no longer a challenge, as weather attribution studies can now be produced. So the heatwave would be virtually impossible without human driven climate changes and it is proved with clear evidence.

Health problems of Particulate Matter

The size of particles is directly linked to their potential for causing Health problems. Long-term exposure to particulate pollution can result in significant health problems like increased respiratory symptoms such as irritation of the airways, coughing or difficulty in breathing, decreased Lung function, spike in Asthma, development of chronic respiratory disease in children, development of chronic bronchitis or chronic obstructive Lung disease, irregular heartbeat, nonfatal Heart attacks, premature death in people with Heart or Lung disease, including death from Lung Cancer.

Weakening Respiratory Tract

In addition to the potential carcinogenicity of diesel exhaust, there has also been some concern that diesel particulate matter may contribute to other health problems, especially those associated with the respiratory tract.

Respirable particles such as those in diesel exhaust have been implicated as etiological factors in various types of chronic lung disease which may also increase the lung's susceptibility to Bacterial and viral infections, aggravate pre existing diseases such as Bronchitis and Emphysema, or Aggravate specific respiratory conditions such as Bronchial asthma. Diesel exhaust particulate a human carcinogen is based on findings of elevated Lung Cancer rates in occupational groups exposed to diesel exhausts. Diesel exhaust exposure is associated with an increased relative risk for Lung Cancer in the majority of reported human studies.

Carbon emissions are accelerating and the scale of impact is devastating

IPCC REPORT 2021

Our sincere commitment is to make changes in the way we manage our environment, protect health and secure livelihoods with economic security for all is our main concern.

Our aim is to bring you the most perfect and exact updates and to make a change in the world. Global emissions will reach its peak by 2025 if it keeps warming at 1.5 degree Celsius. Even in the most optimistic scenario, there is only a 50% chance that global temperature rise will stop there.

Earth could exceed 1.5°C of global warming, which is the most safe limit, outlined in the Paris Agreement by early 2030s, as per the landmark report by the top senior climate scientists. Staying below 2°C this century will only happen if emissions reach net zero by 2050 is well publicised. Global emissions may peak some time in the middle of this decade.

Carbon dioxide

Exposure to Carbon dioxide can produce a variety of health effects. These may include headaches, dizziness, restlessness, a tingling or pins or needles feeling, difficulty in breathing, sweating, tiredness, increased heart rate, elevated blood pressure, coma, asphyxia, and convulsions.

Carbon dioxide is a problem because it acts as a "greenhouse gas." Due to its molecular structure, Carbon dioxide absorbs and emits infrared radiation, warming the Earth's surface and the lower levels of the atmosphere thereby causing global warming which results in devastating climate changes.By increasing temperature and humidity, Carbon dioxide emissions increase the formation of smog, which has adverse effects on respiratory health. Through both direct and indirect fashions, Carbon dioxide pollution impacts our planet and human health.

One of the biggest benefits of reducing Carbon emissions is that it would decrease the number of deaths related to air pollution and help to ease pressure on healthcare systems. The ocean absorbs about one-quarter of the Carbon dioxide that humans create when we burn fossil fuels.

Too much Carbon dioxide in the ocean causes a problem called ocean acidification, which means that the sea becomes hotter and loses its Oxygen content. The surface ocean absorbs 90 gigatons of Carbon each year which is so huge. Carbon emissions act like a blanket in the air, trapping heat in the atmosphere and warming up the Earth.

Green Asian Voice

Let's go green

Attack is the best defence, if you don't kill pollution, it will kill you.

Nitrogen dioxide

Nitrogen Dioxide is one from the group of highly reactive gases known as oxides of nitrogen or Nitrogen oxides. Other Nitrogen oxides include nitrous acid and nitric acid. Nitrogen dioxide is used as the indicator for the larger group of Nitrogen oxides and primarily gets in the air from the burning of fuel emissions of cars, trucks, buses, power plants etc.

Nitrogen dioxide can irritate airways in the human respiratory system. Such exposures over short periods can aggravate respiratory diseases, particularly Asthma, leading to respiratory symptoms such as Coughing, Wheezing or difficulty in breathing, hospital admissions and visits to emergency rooms.

Longer exposures to elevated concentrations of Nitrogen dioxide may contribute to the development of Asthma and potentially increase susceptibility to respiratory infections. People with Asthma, as well as children and the elderly are generally at greater risk for the health effects of Nitrogen dioxide and along with other Nitrogen oxides react with other chemicals in the air to form both Particulate matter and Ozone, which severely hurts the respiratory system.

Nitrogen dioxide and other Nitrogen oxides interact with water, Oxygen and other chemicals in the atmosphere to form acid rain. Acid rain harms sensitive ecosystems such as lakes and forests. The nitrate particles that result from Nitrogen oxides make the air hazy and difficult to see and also contributes to nutrient pollution in coastal waters.

IPCC REPORT 2021

For the first time, the IPCC boldly states, unequivocal leaving absolutely no room for doubt that humans are responsible for the factual observed warming of the atmosphere, lands and oceans.

The rising global surface temperature has warmed faster since 1970 than in any other 50 year period over at least the last 2,000 years, with the warming also reaching ocean depths below 2,000 metres. The frequency and intensity of precipitation events have very much increased over most land areas.

This is because the much warmer atmosphere is able to hold more moisture which makes the wet seasons and rainfall events wetter. Presently the global concentrations of atmospheric Carbon dioxide is growing faster than at least the past two million years, which is a real concern for the existence, which is really unbelievable but a fact.

Green Asian Voice

Let's go green

Follow the green footsteps to go clean

Your green footsteps will be a giant step for getting clean air to breathe

Sulphur dioxide

Sulphur dioxide is the component of greatest concern and is used as the indicator for the larger group of gaseous sulfur oxides which is abundantly found in the atmosphere at concentrations much lower than Sulphur dioxide. The largest source of Sulphur dioxide in the atmosphere is the burning of fossil fuels by power plants, vehicles and other industrial facilities. Smaller sources of Sulphur dioxide emissions include industrial processes such as extracting metal from ore, natural sources such as Volcanoes, Locomotives, Ships , heavy equipments that burn fuel with a high sulfur content.

Control measures that reduce Sulphur dioxide can minimise people's exposures to all gaseous Sulphur oxides. This may have the important co-benefit of reducing the formation of Particulate sulfur pollutants, such as fine sulfate particles. Emissions that lead to high concentrations of Sulphur dioxide generally also lead to the formation of other Sulphur oxides.

Sulphur dioxide can affect both health and the environment. Short-term exposures to Sulphur dioxide can harm the human respiratory system and make breathing difficult. People with Asthma, particularly children, are sensitive to these effects of Sulphur dioxide. Sulphur oxides can react with other compounds in the atmosphere to form small particles. These particles contribute to particulate matter pollution. Small particles may penetrate deeply into the Lungs and in sufficient quantities can contribute to health problems.

IPCC REPORT 2021

The real speed at which atmospheric Carbon dioxide has increased since the industrial revolution is at least ten times faster than at any other time during the last 800,000 years, and between 4 and 5 times faster than during the last 56 million years.

About 85% of poisonous pollutant of Carbon emissions are from the burning of fossil fuels. The remaining 15% are generated from deforestation & degradation. Extreme weather conditions, heatwaves and heavy rain have also become more frequent and intense across most land regions since 1950.

The report highlights that some of the recently observed hot extremes, such as the Australian summer of 2012–2013, would have been extremely unlikely without human influence on the climate. Human influence has also been detected for the first time in compounded extreme events.

Green Asian Voice

Let's go green

Emissions from fossil fuels is the main reason for air pollution

IPCC REPORT 2021

For example, incidences of heatwaves, severe droughts and fire weather happening at the same time are now more frequent. These compound events have been quite frequently seen in parts of Australia, Southern part of Europe, Northern Eurasia, parts of the United States and African tropical forests.

Oceans becoming hotter, higher and more acidic. They absorb 91% of the energy from the continues increase in atmospheric greenhouse gases, leading to ocean warming and more marine heatwaves, over the past 15 years. Marine heat waves cause the mass death of marine life, such as coral bleaching events.

They also frequently cause algal blooms and shifts in the composition of species. Even if the world restricts warming to 1.5 - 2°c, as is consistent with the Paris Agreement, marine heatwaves will become four times hotter.

Ground level Ozone

Certain gases in the atmosphere can also cause air pollution. For example, in cities, a gas called Ozone is a major cause of air pollution. Ozone is also a greenhouse gas that can be both good and bad for our environment and it all depends where it is in earth's atmosphere. Ozone high up in our atmosphere is a good thing because it helps to block harmful energy from the sun, called radiation.

Ground-level Ozone is formed when volatile organic compounds and oxides of Nitrogen react with the sun's ultraviolet rays. The primary source of volatile organic compounds and oxides of Nitrogen is from sources like cars, trucks, buses, construction and agricultural equipment.

Lung damage

Ground-level Ozone reaches its highest level during the afternoon and early evening hours. High levels occur mostly during the summer months. It is a strong irritant that can cause constriction of the airways, forcing the respiratory system to work harder in order to provide Oxygen.

It can also cause other problems including, aggravated respiratory disease such as Emphysema, Bronchitis and Asthma, Lung damage, symptoms such as Coughing or a Sore throat despair, Wheezing, Chest pain, dry throat, headache or nausea, reduced resistance to infections, increased fatigue, weakened athletic performance etc.

Green Asian Voice

Let's go green

Air Pollution Causes Lung Cancer, Spike in Asthma and Other Chronic Respiratory Diseases

Prevention is always better than cure… lets go green

IPCC REPORT 2021

The IPCC says if Earth's climate was stabilised soon, some climate change induced damage could not be very easily reversed within centuries. For example, global warming of 2°C this century will lead to average global sea level rise of between two and six metres over 2,000 years.

Globally, Glaciers have been synchronously retreating since 1950 and are projected to continue the melting for certain decades after the current global temperature is being stabilised. Meanwhile the acidification of the deep ocean will continue to remain for thousands of years after CO2 emissions cease.

The IPCC report does not identify any possible abrupt changes that would lead to an acceleration of global warming during this century, but today's current situation does not rule out such possibilities, where climate change can shock you seriously.

HydroCarbons

A Hydrocarbon is any compound that consists of Carbon and Hydrogen atoms. They are organic compounds where 60% of air pollution is caused due to automobiles that run on these Hydrocarbon based fuels. Now the main culprit of this pollution is the incomplete combustion of these Hydrocarbons fuels. This causes Hydrocarbons to react with Nitrogen Oxides.

They are organic compounds which is the unique covalent nature of Carbon, where there plenty of Hydrocarbons in the world. So Gasoline, petroleum, Coal, Kerosene, Charcoal, natural gas etc are all a form of Hydrocarbons.

Chemical group

Some Hydrocarbons can cause other effects, including coma, seizures, irregular heart rhythms or damage to the kidneys or liver. The term 'Hydrocarbons' is often used when discussing traffic pollution. This refers to a group of chemicals of which volatile organic compounds are a subgroup where certain volatile compounds are known to cause Cancer.

The combustion of Hydrocarbons fuels releases CO2, and other greenhouse gases that contribute to atmospheric pollution and climate change. Unlike fossil fuel impurities that result in byproduct emissions, Carbon dioxide is an unavoidable result of Hydrocarbon combustion. Serious toxicity and death occur due to Hydrocarbon exposure through inhalation, ingestion or aspiration. Apart from Pulmonary toxicity, Cardiovascular, nervous and gastrointestinal systems can all be affected.

Green Asian Voice

Let's go green

Oil and Coal are the biggest investments for air pollution which kills..

IPCC REPORT 2021

The prospect of frozen soils in Alaska, Canada, and Russia crossing a tipping point has been widely discussed. The main concern is that as the frozen ground thaws, large amounts of Carbon dioxide accumulated over thousands of years from dead plants and animals could be released as they decompose.

The IPCC report does not identify any globally significant abrupt change in these regions over this century. However, it projects permafrost areas releases more than 66 billion tonnes of CO2 for each additional degree of global warming.

These Carbon emissions are quite irreversible during this century under all possible global warming scenarios. Natural drivers will modulate the human caused changes, especially at regional levels and in the near term, they will have little effect on long term global warming.

Carbon Monoxide

Carbon monoxide is a colorless, odorless gas that can be harmful when inhaled in large amounts which is released from the exhaust of fuel powered cars, trucks and other vehicles or machinery that burn fossil fuels. It is a potentially lethal gas which is highly toxic. During the incomplete combustion of Hydrocarbon fuels, when enough Oxygen is not supplied during the combustion reaction, Carbon monoxide is produced.

Breathing air with a high concentration of Carbon monoxide reduces the amount of oxygen that can be transported in the bloodstream to critical organs like the Heart and Brain. Carbon monoxide poisoning occurs when Carbon monoxide builds up in your bloodstream. When too much Carbon monoxide is in the air, your body replaces the Oxygen in your red blood cells with Carbon monoxide. At very high levels of Carbon monoxide it can cause dizziness, unconsciousness and even death in closed interiors.

These people already have a reduced ability for getting oxygenated blood to their hearts in situations where the heart needs more Oxygen than usual. They are especially vulnerable to its effects when exercising or under increased stress. In these situations, short term exposure to elevated Carbon monoxide may result in reduced Oxygen to the heart accompanied by chest pain, which is also known as angina. Signs and symptoms of Carbon monoxide poisoning may include dull headache, weakness, dizziness, nausea or vomiting, shortness of breath, blurred vision etc, which clearly shows that its almost killing us.

Green Asian Voice

Let's go green

Carbon taxes should be imposed to develop into a post Carbon world

IPCC REPORT 2021

The surface of Earth's rising temperature will certainly continue to increase until at least 2050 under all emission scenarios which are considered in this new report. The assessment shows Earth could well exceed the 1.5°C warming limit by early 2030s. If we reduce emissions sufficiently, there is only a 50% chance that the global temperature rise will stay around 1.5°C.

Carbon would need to be urgently removed at the earliest by using nature based solutions. Global warming stays below 2°C during this century only under these scenarios where Carbon emissions reach net zero around or after 2050.

Some aspects of climate change may be greatly magnified, including heatwaves, flooding from heavy precipitation events and rise in the sea level in coastal cities, along with rising low likelihood outcomes can arise.

Carbon dioxide and Ozone

Some air pollutants deplete the Ozone layer and expose the Earth to dangerous radiation from the sun. Carbon dioxide contributes to air pollution in its role in the greenhouse effect. Carbon dioxide traps radiation at ground level, creating ground-level Ozone. This atmospheric layer prevents the earth from cooling at night. One result is the warming of ocean waters. Oceans absorb Carbon dioxide from the atmosphere. However, higher water temperatures compromise the oceans' ability to absorb Carbon dioxide. Over time, the effects of Carbon dioxide are compounded.

Carcinogenicity

Diesel exhaust is a complex mixture of combustion products of diesel fuel, with the exact composition depending on the type of engine, the speed at which it is run, and the composition of the fuel used. Diesel exhaust contains identified mutagens and carcinogens both in the vapor phase and associated with respirable particles, which are considered likely to account for the human Lung cancer findings because they allow penetration to the entire Lungs.

Reducing particulate matter pollution is a matter of identifying and seizing the use of common polluting sources of Particulate matter. Fossil fuel combustion is the primary contributor to atmospheric particle pollution, and any tasks done with fossil fuels can typically be accomplished with cleaner alternatives and that too at the earliest to avoid disasters.

It's a suicidal situation as we are forced to breathe polluted air

Aerosols and Air Pollution

NASA uses satellites orbiting the earth to keep an eye on air pollution. In fact, air quality forecasters use information about aerosols from NASA's Aqua, Terra and Suomi satellites. NASA is also developing a new instrument called the Multi Angle Image for Aerosols as a future spacecraft mission. It will help scientists understand the size, makeup and quantity of aerosols in our air.

Air pollution is caused by solid and liquid particles along with certain gases that are suspended in the air, which normally comes from the exhaust of fuel powered vehicles, factories, dust, pollen, mold spores, volcanoes, wildfires and so on. The solid and liquid particles suspended in our air are called aerosols. Air pollution happens when solid and liquid particles called aerosols and certain gases end up in our air. These particles and gases are not good for the planet and for our health, so keeping track of them is important.

Any particle that gets picked up into the air is formed from chemical reactions in the air that can result as Aerosol. Many Aerosols enter the atmosphere when we burn fossil fuels such as petroleum coal and wood. Humans must soon reduce Carbon dioxide and Aerosol pollution simultaneously to avoid weakening the ocean's ability to keep the planet cool. Aerosols cause poor air quality and lead to premature deaths. However, these particles have a net cooling impact on the climate, so when you cut them that leads to a net warming effect. We have started experiencing these changes as day by day it's becoming hotter and hotter.

IPCC REPORT 2021

The IPCC analysed future climate projections from the dozens of climate models, on our earth produced by more than fifty modelling centres in the world. The global average surface temperature rises between the existing pre-industrial levels for the lowest and highest emission scenarios.

The exact increase of rise in temperature that the world experiences will depend on how much more greenhouse gases are emitted. The report states, with high certainty, that to stabilise the climate, Carbon emissions must certainly reach net zero, and other greenhouse gas emissions must decline significantly.

We also know, that for a specific temperature target, there is a finite amount of pollutant which is dangerous Carbon that we could be emitting before reaching safest target of net zero emissions.

It's really foolish to buy a new vehicle using fossil fuels when the alternative has arrived.

Cancer research by WHO

Air pollution, which includes fine particulate matter, is classified as a cause of lung cancer by WHO's International Agency on Research for Cancer. Aware that both short and long term exposure to air pollution has a negative impact on public health, with a much greater impact resulting from long term exposure and exposure at high levels. It causes chronic diseases such as Cardiovascular diseases and Respiratory diseases, including chronic obstructive Pulmonary disease, and also that for many pollutants, such as particles, long-term exposure even at low levels which is below WHO air quality guidelines proposed levels will result in adverse health effects.

Air pollution is a cause of global health inequities, affecting in particular women, children and old persons, as well as low income populations who are often exposed to high levels of ambient air pollution. Cognizant that most air pollutants are emitted as a result of the human activities identified as sources of air pollution in the WHO guidelines and that there are also naturally occurring phenomena that negatively affect air quality, and having a significant interrelation between outdoor and indoor air quality.

Promoting energy efficiency and expanding the use of clean and renewable energy can have co-benefits for health and sustainable development and stressing that the affordability of this energy will help maximize these opportunities. Team Green has projects which promote these initiatives and will definitely be a turning point.

IPCC REPORT 2021

Even to have a 50:50 chance at halting warming at around 1.5°C we need to be tackling about 500 billion tons of Carbon dioxide. At current levels of Carbon dioxide emissions this Carbon budget would be definitely used up within 12 years. Exhausting the budget will take longer if emissions begin to decline.

The IPCC's latest findings are alarming. But no physical or environmental impediments exist to hold warming to well below 2°c and limit it to around 1.5°c the globally agreed goals of the Paris Agreement.

Humanity, however must choose to act. Melting ice sheets and Glaciers at a faster pace, along with the expansion of the ocean as it warms, have easily led to a global sea level increase of 0.2 metres between years of 1901 and 2018, which is more than 100 years, But today the situation is much more alarming and grievous.

Green Asian Voice

Let's go green

Humanity faces many threats but none is greater than climate crisis.

Public health emergency by WHO

Air pollution has become a growing concern in the past few years, with an increasing number of acute air pollution episodes in many cities worldwide. As a result, data on air quality is becoming increasingly available and the science underlying the related health impacts is also evolving rapidly. To date, air pollution, both ambient and household, is the biggest environmental risk to health, carrying responsibility of about one in every nine deaths annually. Air pollution continues to rise at an alarming rate, and affects economies and people's quality of life, thus becoming a public health emergency.

Interventions and policies for tackling air pollution issues exist and have been proven to be effective. The implementation of WHO resolution which maps out a roadmap for enhanced global responses to the adverse effects of air pollution, provides an essential framework for decision makers to choose and implement the most efficient policies. Air pollution has also been identified as a global health priority in the sustainable development agenda.

WHO has responsibility for stewarding three air pollution related indicators for monitoring progress against the sustainable development goals, in health, in cities and in energy. Air pollution affects practically all countries in the world and all parts of society. The role of the health sector is crucial, and there is a need to engage with other sectors to maximize the benefits of health, climate, environment, social and development.

IPCC REPORT 2021

The speed at which the sea level rising is slowly gradually accelerates 1.3 mm per year during 1901-1971, 1.9mm per year during 1971-2006, and 3.7mm per year that during 2006-2018. Ocean acidification, caused by the uptake of Carbon dioxide, has occurred over all oceans and is reaching depths beyond 2,000 meters in the Southern Ocean and North Atlantic.

Climate change is rapid, widespread, and intense, and some trends are now irreversible, at least during the present time frame. According to the latest much anticipated IPCC report, human induced climate change is already affecting many weather and climate extremes in every region across the globe.

The scientists are also observing changes across the whole of earth's climate system in the atmosphere, in the oceans, ice floors, and on land.

We need a sudden system change as our days are numbered

Threat of Climate Change

Climate change is the biggest threat we face and if we don't tackle it, the consequences are grim. Air pollution causes Global warming which results in climate changes that lead to rise in sea level. Team Green is all set to accept this reality and fight against this global disaster. The three most important things we can do is to stop the main activities that cause air pollution, enhance our resilience to its effects and voice about it to the maximum. We as a non profit Organization focusing to promote the movement of Green revolution are concentrating on these three vital factors to tackle climate change.

It is heart wrenching to see how the world carelessly caters and reacts to climate change, even after it is the most alarming cause that threatens the existence of man on earth. It's a bit like sustainable development in which many people quietly glaze over and don't care but it is not something to be neglected as the gravity of its consequences is immensely threatening. Climate change isn't just words but it's a real fact and man made climate change resulting from air pollution caused mainly by the poisonous emissions of fuel powered vehicles and coal firing power generation is really a very scary thing. Adding to the drastic effects of climate change, it causes volcanic eruptions and dust storms where the sand dust storms are alarming.

The rise in global temperature over the last several decades is a matter of public record. There is an overwhelming scientific consensus that it can only be explained by one thing, which is the rise in greenhouse gas emissions caused by human activities.

IPCC REPORT 2021

The hotter days than ever before are occurring now. The reports warn that many of these unprecedented changes have now become irreversible, showing signs from the past centuries to the coming millennia. For example the rise in the sea level.

Strong and the sustained reductions in the rising poisonous emissions of Carbon dioxide and other greenhouse gases, could quickly make air quality better, and almost in 20 to 30 years global temperatures could stabilize.

The UN Secretary General António Guterres said that the Working Group's report was nothing less than a code red for humanity. The alarm bells are deafening, and the evidence is irrefutable. He noted that the internationally agreed threshold of 1.5^{o} above pre-industrial levels of global heating was perilously close. We are at imminent risk of hitting 1.5^{o} in the near term.

Green Asian Voice

Let's go green

Global warming warms up the sea water to rise which can easily destroy us.

Rising Sea levels

Air pollution is one of the biggest disasters that affect the world in its entirety, which results in climate changes that automatically leads to rise in sea levels.

Mountain Glaciers shrink as ice melts at a faster rate than usual in Greenland, Antarctica and the Artic which makes changes in flower and plant blooming times. Earth's climate has constantly been changing, even long before humans came into the picture. However, scientists have observed unusual changes recently. For example, earth's average temperature has been increasing much more quickly than they would expect over the past 100 years.

This worrying phenomena of melting is happening due to the uncontrollable air pollution affecting our planet. Rise in sea level is so serious that it automatically immerses our coastal cities, places near the seashore and also the places below the sea level across the globe, killing billions of people universally.

Climate change is the product of air pollution which describes a change in the average conditions such as temperature and rainfall in a region over a long period of time. For example thousands of years ago much of the United States was covered in Glaciers but today there has a warmer climate and fewer Glaciers. Global climate change refers to the average long term changes on the entire planet which include warming temperatures and changes in precipitation, as well as the effects of earth's warming and Team Green is behind the remedy to minimise its effects.

IPCC REPORT 2021

The only way to prevent exceeding this threshold, is by urgently stepping up our efforts, and pursuing the most ambitious path. We must act decisively now to keep 1.5 °C alive.

The UN chief, in a detailed reaction to the report, said that solutions were clear. Inclusive and green economies, prosperity, safety, cleaner air and better health are possible for all, if we respond to this global crisis with solidarity and courage.

All nations especially the advanced G20 economies needed to join the net zero emissions coalition, and reinforce their frequent promises on slowing down and reversing the rise of global heating, with credible, concrete, and enhanced (NDC), the Nationally Determined Contributions about detailed steps to be followed and this will surely make a difference in the present alarming situation.

Green Asian Voice

Let's go green

Don't wait for the ocean to rise, then you will not be able to rise

Hottest decades

The real truth is that climate change is not only causing global warming but it is quickly speeding it up. The 20 warmest years on record have all come out of the previous 2 decades. The last decade has been the warmest as they have recorded it as the hottest years and it has grown hotter to such an extent that even the icebergs started melting in the arctic ocean. The year 2020 has recorded the hottest days and this should be treated as a warning that air pollution is rising beyond the most dangerous levels. Millions of people are already losing their precious lives due to air pollution disasters and if the air gets polluted further, the number of deaths will also increase considerably.

Indeed we have naturally occurring climate changes since the earth was formed and none of the natural causes of climate variation such as the sun's output, the tilt of the earth, volcanic activity or emissions from rotting vegetation, can account for the warming we observe today. The current disaster is mainly caused by the emissions from fossil fuels caused by human activities over the last two hundred years.

The concentrations of Carbon dioxide in our atmosphere have increased by nearly 30% since the beginning of the industrial revolution and the huge increase in the number of petrol and diesel vehicles along with some other factors also is causing air pollution that results in climate changes. This records the fastest time for rise in global temperatures because the volume of pollution increases much more rapidly than expected.

IPCC REPORT 2021

Assessment is based on the improved data on crucial historical warming, as well as the current progress in scientific understanding of the response of the climate system to human caused emissions.

It has been very clear for decades that the Earth's climate is changing, and the role of human influence on the climate system is undisputed. Major advances in the science of attribution towards understanding the role of climate change in intensifying a specific weather and climate events.

Human activities affect all types of major climate system components, with many of them responding over decades and many others over centuries. Scientists claim the evidence of observed changes in extremes such as the heatwaves, heavy precipitation, droughts, and tropical cyclones which are really alarming to the whole world.

Green Asian Voice
Let's go green

Green planet is always better than a warmer planet.

Faster warming a danger

IPCC REPORT 2021

The human influence attribution has been greatly strengthened and that many changes in the climate system become larger in direct relation to increasing global warming.

This includes increases in the frequency and intensity of the heat extremes, marine heatwaves, heavy precipitation, agricultural and ecological droughts in some regions, the proportion of intensifying tropical cyclones as well as the reductions in Arctic sea ice, snow cover, permafrost etc.

The report makes clear that while natural drivers will modulate human caused changes, especially at regional levels and in the near term, they will have little effect on long term global warming. Very soon climate changes will increase in all regions.

Some parts of Earth are warming faster than others but on an average, global air temperatures near Earth's surface have gone up about two degree Fahrenheit in the past 100 years. In fact, the past five years have been the warmest five years in centuries. Many people, including scientists, are concerned about this warming because when earth's climate continues to be warm, the intensity and amount of rainfall during storms such as hurricanes is expected to increase. Droughts and heat waves are also expected to become more intense as the climate warms.

When the whole Earth's temperature changes by one or two degrees, that change can have big impacts on the earth as a whole and the most affected will naturally be the health of human life, plants and even animals too.

There are many factors that contribute to Earth's climate. However scientists agree that earth has been getting warmer in recent years due to human activities such as Carbon and other poisonous emissions from fuel powered vehicles and other related activities, because certain gases in earth's atmosphere block heat from escaping which is called the greenhouse effect. These gases keep earth warm like the glass in a greenhouse keeps plants warm.

Human activities such as using more petrol and diesel vehicles, burning of agricultural wastes, coal firing power plants, felling of trees to widen roads, construction everywhere and so on are changing the natural greenhouse. These changes cause the atmosphere to trap more heat.

Green Asian Voice

Let's go green

Warmest 20 years on record happened in the previous 2 decades

Acidic Ocean

IPCC REPORT 2021

At 2°C of global warming, heat extremes are more likely to reach critical tolerance thresholds for agriculture and health. But it won't be just about temperature. For example, climate change is rapidly intensifying the natural production of the water cycle.

This brings more intense rainfall and associated flooding, as well as more intense drought in many regions. It is also affecting rainfall patterns. In high latitudes, precipitation is likely to increase, while it is projected to decrease over large parts of the subtropics.

Changes to monsoon rain patterns are expected, which will vary by region, the report warns. Moreover, the coastal areas will face continues sea level rise all throughout the 21st century, contributing to severe coastal flooding in low lying areas and coastal erosion. Sea level rise will be the greatest atrocious effect of air pollution.

The ocean also absorbs a lot of excess Carbon dioxide in the air which is mainly caused by excess Carbon emissions from exhaust of fuel powered vehicles, Coal firing power plants and so on. Unfortunately, the increased Carbon dioxide in the ocean makes the sea water more acidic which is called ocean acidification.

The seawater automatically loses the Oxygen content and results in an acidic ocean which affects the normal evaporation process that causes dangerous climate changes. More Acidic water can be very harmful for creatures of the oceans, example, coral reefs and shellfish. Warming oceans from too many greenhouse gases in the atmosphere can also be harmful to these organisms and also a main cause of Coral bleaching.

When human activities create greenhouse gases, naturally the Earth warms. This matters because oceans, land, air, plants, animals and energy from the sun all have an effect on one another. The combined effects of all these things give us our global climate. In other words, the earth's climate functions like one big connected system.

Scientists can observe how earth's systems work together. This will help us understand how small changes in one place can contribute to bigger changes in Earth's global climate. In such a situation, you can imagine the huge difference, air pollution is creating and adversely affecting each and every minute system of our universe which is all connected together.

Green Asian Voice

Let's go green

Faster *the melting of ice … will be the rise in sea level*

Air pollution causes global warming which results in melting of Icebergs

Terrible consequences

If we don't tackle climate change at the earliest, most harmful things will happen. Global warming is another of those deceptive phrases which doesn't sound that threatening. Our generation doesn't identify with what will actually happen as the globe warms.

So let's not waste time again and wait for these disasters to happen and Team Green is fully committed for contributing its maximum in all possible ways to reduce air pollution which is the basic cause of all these disasters because the consequences of the same are terribly dangerous.

As the higher latitudes will be hotter and wetter, we will have wetter winters, and extreme rainfall events will become even more extreme. Sea levels will rise significantly, perhaps by up to a meter by 2100, as waters warm and take up more space with our Glaciers and land based ice sheets melting. Sea level rise is particularly scary, because extreme flooding or drought can do terrible harm, and recovery from them is almost impossible.

It's a fact that there is no recovery from a rising sea because it takes land, communities, infrastructure and everything else away forever. All of these changes in climate will have terrible consequences. It's so shocking that the concerned authorities are so slow in reacting to this global disaster but let's not wait for anyone who has other intentions as their main criteria, rather we should join hands together to fight for this noble cause of reducing air pollution to the maximum at the earliest. Playing with water matters a lot and it's high time for a change.

IPCC REPORT 2021

Extreme sea level events that previously occurred once in 100 years could happen every year by the end of this century. Further warming will amplify permafrost thawing, the loss of seasonal snow cover, melting of Glaciers , ice sheets and loss of summer Arctic sea ice.

Severe changes to the ocean, including warming, more frequent reduced oxygen levels, marine heatwaves and ocean acidification affect both ocean ecosystems and the people that rely on them, and they will continue throughout at least the rest of this century.

From a physical science perspective, the limiting human induced global warming to a certain specific level requires an urgent limiting of cumulative Carbon emissions, reaching at least net zero Carbon dioxide and greenhouse gas emissions as committed by the world leaders.

Green Asian Voice

Let's go green

It's almost time to vacate the cities on the sea coast if the pollution rate still continues….

Initially the places below sea level will be drastically effected.

IPCC REPORT 2021

Our commitment is to make changes in the way we manage our environment, protect health and secure livelihoods with economic security for all.

Our aim is to bring you the most perfect and exact updates and perspectives to make a change in the world. Global emissions will reach its peak by 2025 if it keeps warming at 1.5 degree Celsius. Even in the most optimistic scenario, there is only a minute 50% chance that global temperature rise will stop there.

Earth could exceed 1.5°C of global warming, which is the most safe limit, outlined in the Paris Agreement as soon as the early 2030s, as per the world's most senior climate scientists. The report's state that staying below 2°C this century will only happen if emissions reach net zero by 2050. Global emissions may hit the peak some time in the middle of this decade.

Extreme flooding

More frequent extreme flooding and coastal erosion are caused by those wetter winters, heavier rain, stronger storms and rising sea levels which threaten all of us, because floods destroy lives, livelihoods and communities. More water shortages and higher drought are caused by the hotter drier summers and less predictable rainfall which could cause deep damage to our economy and our environment.

We could have a real nightmare for the future when the high seas overwhelm our sea defences and secondly where the rivers flood the land behind the defences and a third one which is the worst of all are both of these things happen together. The result is, if we fail to address these future risks with utmost seriousness, then there will be many low lying parts of the country either permanently waterlogged or flooded with increasing frequency. If we continue to allow climate change go unchecked, then, Asian green and pleasant land will be neither green nor pleasant and if sea levels rise significantly, there won't be much of our land left either.

The environment agencies have spent millions of pounds for improving and maintaining sea walls and other coastal defences. In 2013 there was a bigger east coast storm surge than one sixty years previously, but as sea levels rise and the storms get fiercer. Therefore the more we prevent these crisis' the better. There's a limit to what's practical and even if we build higher and stronger defences along the coastline, there's another problem for our rivers which get flooded within no time.

Green Asian Voice

Let's go green

Only the water boats may exist in the coastal cities if the sea level rises

Vanishing Species

If we continue to emit greenhouse gases at the same rate as of today, then by 2050 one million species across the globe are likely to vanish. Apart from the disasters affecting human life more damage may be caused to wildlife and the habitat on which it depends. Our Asian continent is particularly exposed to these effects because Asia sits at weather crossroads, with a big water mass to the west, a large landmass to the south and the jet stream running over the top. Our location makes us more prone to this extreme weather than others. Thus, it's not the time to get comfortable because this disaster is at our doorsteps.

So, let's not waste time any further and act in the quickest way possible to reduce air pollution to the maximum and Team Green is ever committed to join hands with anyone who is willing to accept this reality and work together for bringing a healthy green environment.

Terrible human loss and millions of animals dead with some rare species vanished forever, has also happened due to air pollution resulting in climate changes. More frequent fires and extreme wildfires, such as we saw Australian bush fires with terrible human loss, are also due to climate changes. More air and water pollution arises due to those longer, hotter summers that will threaten the living world of plants, animals, our wider environment and our own health. Climate change resulting from air pollution is something we cannot express ourselves in terms of its extent on disaster levels.

IPCC REPORT 2021

Thousands of people from all over the world contribute to the most sincere work of the IPCC. The sincere dedicated scientists volunteer their time to assess the thousands of scientific papers published each year to provide a comprehensive summary of the drivers of climate change, its impacts and future risks and how adaptation and mitigation can reduce those risks.

It is essential to pay more attention to climate adaptation, said the WMO chief, Peteri Taalas, since the negative trend in climate will continue for decades and in some cases for thousands of years.

So this IPCC report is a shocking and factual revelation which has to be considered as a final warning for us to reduce air pollution from all possible sectors and thereby reducing effects of global warming that results in serious climate changes.

Green Asian Voice

Let's go green

Global warming is a crucial warning which is really alarming

Dense rain disaster

Due to the effects of climate change, more rain is likely to fall quickly into our rivers. So they will fill up quicker and will flood the surrounding land unless they can rapidly discharge all that rainwater into the sea. But the higher tides and sea levels which climate change will bring also mean that precisely when we need our rivers to be better at discharging water to the sea, they will not be able to do so, due to increasing tide locks.

This means at the time of high tides the sea does not accept the waters from the rivers and so the respective Governments should make sure that shutters of dams should be opened in such a manner by calculating the time required for this discharged water to reach the sea at the time of low tides.

So when there is a warning that heavy rain would affect the dams within a few days, then the dam management should not wait for the water to reach the shutter opening level but release the water much earlier when low tides are found in the sea. If dam management is poor, easy floods will happen. These are certain alerts required when we are in a threat of serious climate change effects caused due to massive air pollution.

Moreover climate change can affect the intensity and frequency of precipitation. Warmer oceans increase the amount of water that evaporates into the air. When more moisture-laden air moves over land or converges into a storm system, it can produce more intense precipitation as heavier rain and snow storms which has to prevented to avoid further disasters.

WHO AIR QUALITY GUIDELINES

World Health Organization guidelines of air quality for pollutants such as Particulate matter, Ozone, Nitrogen dioxide and Sulfur dioxide include, the redoubling of efforts to identify, address and prevent the serious health impacts of air pollution, strengthening, and multi sectoral cooperation globally.

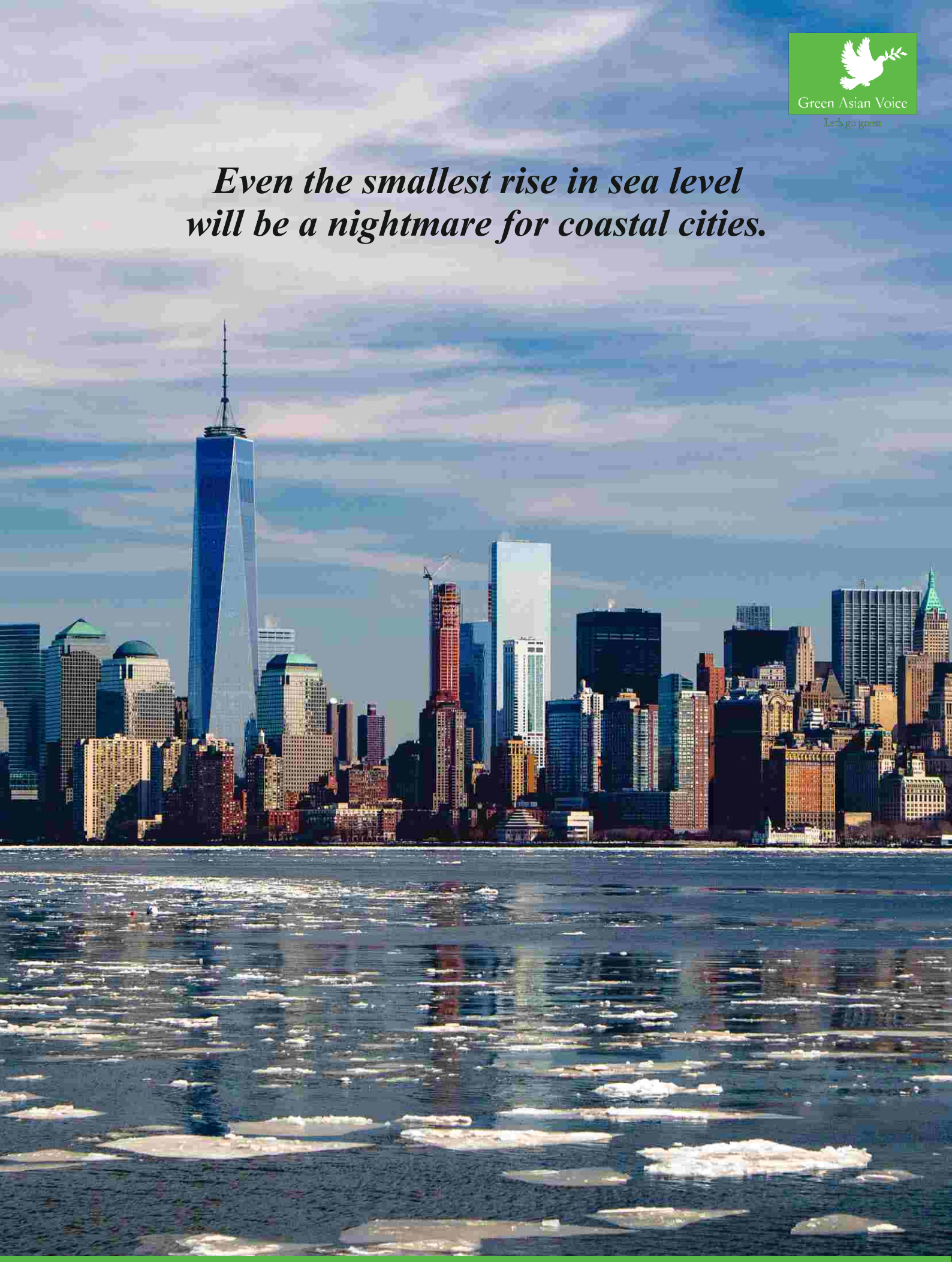
The National priorities, to enable health systems, including health protection authorities will be prime concerns. To take a leading role in raising awareness in the public and among all stakeholders of the impacts of air pollution on health should be effectively done.

Opportunities to reduce or avoid exposure, to facilitate more accurate and relevant research, includes developing and utilizing exact databases on morbidity and mortality of health impacts on assessments, the use and costs of health care services etc.

Green Asian Voice

Let's go green

Even the smallest rise in sea level will be a nightmare for coastal cities.



Climate change affects the coastal cities more than anything else

WHO AIR QUALITY GUIDELINES

The enormous societal costs mainly associated with human health and supporting identification of proper research priorities along with strategies, engaging with academia to address required knowledge gaps and supporting the strengthening of national research institutions.

International cooperation in research to clearly identify and implement sustainable solutions for enhanced global response to the adverse health effects of air pollution. The exact national context, includes collecting and utilizing data relevant to the health outcomes of air quality, by contributing to the overall development standards.

Dissemination of very good practices and lessons learnt from implementation and by working towards harmonization of health related indicators that could be used by decision makers are highlighted in this guidelines.

Pollution from Ships

The world's biggest container Ships have 109,000 HP engines weighing 2,300 tons which is responsible for 18-30% of the world's Nitrogen oxide pollution and 9% of the global Sulphur oxide pollution. It's shocking to know that some shipping containers produce more greenhouse gas emissions than some small countries. Some of these container ships are more than the length of around six football pitches which can produce the same amount of pollution as 50 million cars.

Over 90% of world trade is carried across the world's oceans by numerous marine vessels which is more than 90,000 container ships. Like all modes of transportation that use fossil fuels, ships also produce poisons Carbon dioxide emissions that significantly contribute to disastrous global climate change and acidification. Apart from Carbon emissions Cruise Ships generate a number of waste streams that can result in discharges to the marine environment, including sewage, greywater, hazardous wastes, oily bilge water, ballast water, and solid waste.

Fine particles of chemicals which are exhausted mainly out of the fuel powered vehicles and Coal firing power plants can travel thousands of miles on the back of dust storms, which may also carry pathogens and harmful substances, causing acute and chronic respiratory problems. By giving maximum awareness about these global disasters of air pollution, Team Green is trying to establish the remedy of minimising the global disasters of air pollution and thereby reduce the millions of premature deaths by implementing measures for a green healthy environment.

Green Asian Voice

Let's go green

Oil transportation….
from 10 countries to 200 countries …..
the biggest pollution

Pollution from Ships will be more than the emissions of a Country

WHO AIR QUALITY GUIDELINES

To improve the morbidity and mortality surveillance for all illnesses related to air pollution, and optimize the frequent linkage with latest monitoring systems of air pollutants, to take into account the WHO indoor and out door air quality guidelines.

More relevant information in the crucial development of a multi sectoral national response to air pollution problems is needed to carry out measures for sincerely support the aims of WHO guidelines. Meaningful progress in reducing the levels of indoor air pollution such as lighting, clean cooking and heating practices and efficient energy use is needed.

Effective steps, to address and to minimize air pollution as far as possible, specifically associated with serious health care activities, including the appropriate implementation of the relevant WHO guidelines.

Oil transport Pollution

Transporting oil from 10 countries to more than 150 countries around the world is the main reason for the international sea routes being busy and the major reasons for air pollution. So the replacement of petrol and diesel vehicles with electric vehicles or Hydrogen powered vehicles is the only option to reduce this huge disaster of air pollution from oil.

Nearly all cargo Ships use diesel combustion engines to turn the propellers, plus diesel generators that power onboard lighting systems and communications equipment. Many vessels still burn heavy bunker fuel, a viscous Carbon intensive petroleum product that's left from the crude oil refining process. The environmental impact of shipping includes air pollution, water and oil pollution, acoustic, greenhouse gas emissions etc.

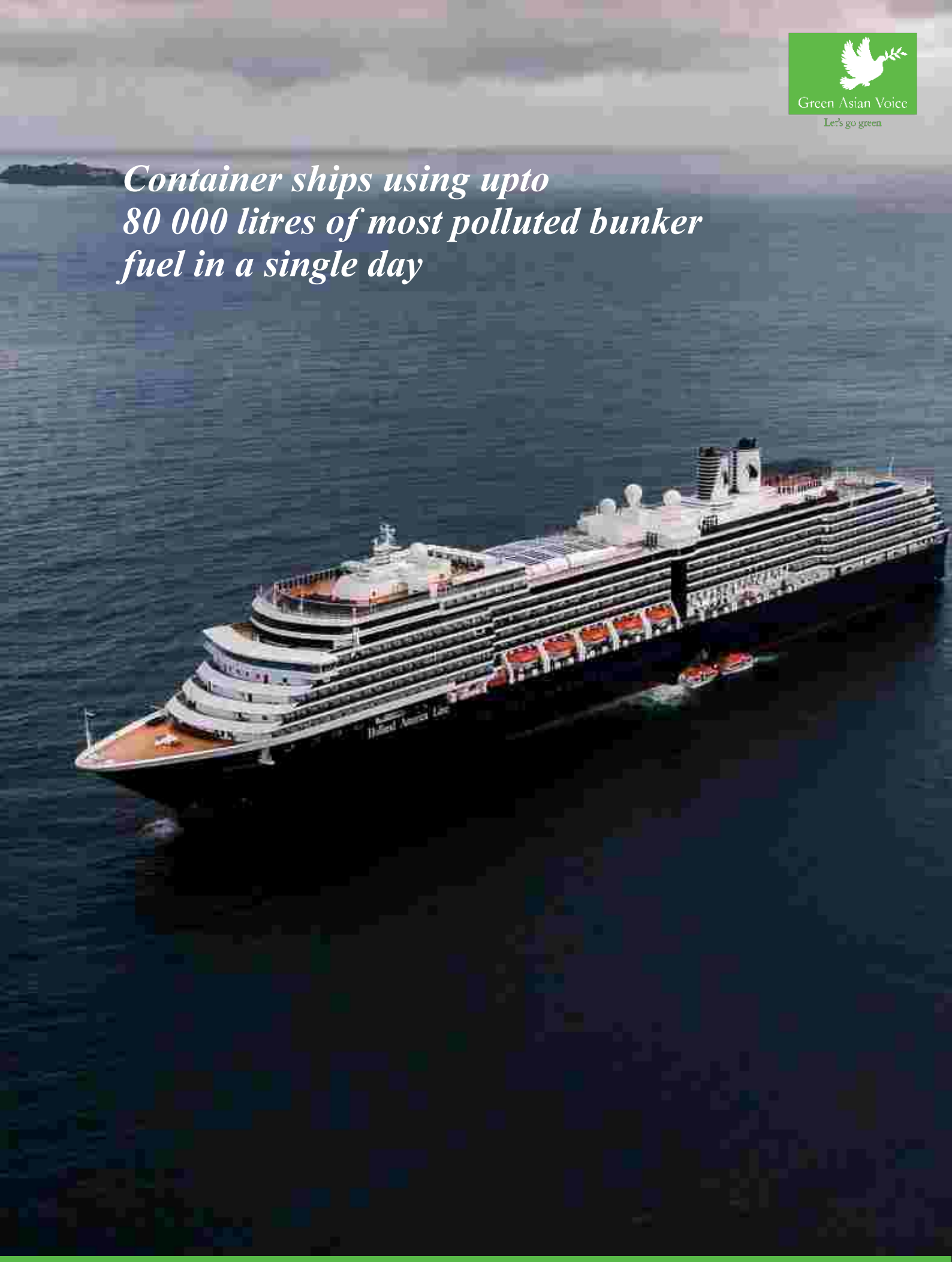
Transporting goods around by sea requires more than 300 million tons of dirty fuel, which produces maximum Carbon dioxide emissions and thereby giving the international maritime shipping industry the same Carbon footprint as a country like Germany in size.

A Triple E class Maersk container ship capable of carrying more than 18,000 shipping containers with 60 megawatts of power, uses 80,000 liters of fuel in a day and this is also considered as the most efficient cargo Ship on the planet. So we can imagine the huge volume of pollution resulting from a single Ship which proves the fact that the pollution from one single Ship is equal to the pollution caused by 50 million diesel or petrol vehicles. This is an unbelievable fact for the common man as there are nearly a lakh of Ships sailing in the sea.

Green Asian Voice

Let's go green

Container ships using upto 80 000 litres of most polluted bunker fuel in a single day



A big container Ship has the same pollution of 50 million Cars

UN Electric Mobility Program - 1

This program describes the pollution challenge, explores what is already being done to address pollution, and proposes focused and actionable interventions to address pollution in all its forms. The report is a call to act towards a pollution free planet. UN Environment's E-mobility programme supports countries, with a special focus on emerging economies, in introducing electric mobility.

Pollution today is pervasive and persistent. While the world has achieved significant economic growth over the past few decades, it has been accompanied by large amounts of pollution, with significant impacts on human health and ecosystems and the ways in which some of the major Earth systems processes, such as the climate, are functioning.

Currently, the transport sector is almost completely dependent on fossil fuels. It contributes approximately one quarter of all energy related Carbon dioxide emissions to the atmosphere, which is set to go to one-third, growing faster than any other sector. Leading by example, some countries have put in place policies to support the use of electric vehicles.

One out of four cars sold today in Norway are electric, while in China a national two and three-wheeler strategy that started ten years ago has now resulted in electric bikes and scooters in plenty in its major cities, with 230 million electric bikes in use to date. Such practices need to be scaled up and replicated around the world to achieve the desired impact.

UN ON ELECTRIC FLEETS

According to the recent United Nations electric mobility program, it can take as much as 20 years to turn over a country's vehicle fleet. As the very big boom in car numbers in the developing countries is still ahead we have to make vital steps to ensure low emission technology and avoid a increase in emissions.

The UN Electric Mobility Programme is currently the only global programme that supports electric mobility for developing and transitional countries. As of today, the UN Environment is supporting over 50 countries and cities to introduce electric buses, cars, two and three wheelers.

The current transport contributes approximately one quarter of all energy related Carbon dioxide emissions to the atmosphere, which is set to reach one third, growing faster than any other sector. The global passenger car fleet will double by 2050 .

Green Asian Voice

Let's go green

If you pretend to sleep we cannot wake you up... time is flying

UN Electric Mobility Program - 2

The UN Environment Programme will work with countries and its strategic partners to support a shift from fossil fuels to electric vehicles, including busses, 2 and 3 wheelers and light duty vehicles. UN Environment Programme will use its extensive network and country contacts to promote electric mobility with a special focus on clean technology options to support the development of electric mobility strategies.

The UNEP's Electric Mobility Programme supports countries with a focus on emerging economies, reducing greenhouse gas emissions and air pollution by introducing electric mobility. The Programme will be a major contribution to UNEP's work on air quality, also with regards to the United Nations Environment Assemblies, Air quality resolution and the implementation of the Paris climate agreement.

Today transport contributes approximately one quarter of all energy related Carbon dioxide emissions to the atmosphere, which is set to reach one-third, growing faster than any other sector. The global passenger Car fleet is projected to double by 2050, with the majority of growth taking place in developing markets. Even, while developing countries have the fastest growing fleets, most have no vehicle emissions standards, in place to promote zero emission vehicles. Furthermore electric vehicles will be a stepping stone towards designing an intelligent and futuristic green healthy infrastructure for the transport sector which will be capable of catering to the mobility needs of the huge population in different countries.

UN ON ELECTRIC FLEETS

In developing markets, where an estimated three out of four cars will be fuel powered. Yet, while developing countries have the fastest growing fleets, most of them have no vehicle emissions standards, new programmes and attractive incentives to promote zero emission vehicles.

To achieve a more cleaner transport sector, a combination of effective measures needs to be implemented worldwide like non-motorized electric transport facilities, public transport, more cleaner and more efficient on-road fleets with electric vehicles.

Some countries have put in place policies to support the use of electric vehicles. For example, through a comprehensive set of fiscal and non-fiscal measures, one out of four cars sold in Norway today is electric, while in China a national two and three wheelers strategy that started ten years ago had excellent results .

Green Asian Voice

Let's go green

Electric vehicle makes Trips cheaper, Earth greener, Life cleaner, Breathing healthier

Transportation sector is the biggest reason for deteriorating air quality

UN Electric Mobility Program - 3

To achieve a cleaner transport sector, a combination of measures needs to be implemented world wide with better designed cities, non motorized transport facilities, more public transport with cleaner and more efficient on-road fleets, including electric vehicles. Some countries have put in place policies to support the use of electric vehicles.

For example, through a comprehensive set of fiscal and non fiscal measures, one out of four cars sold in Norway today is electric, while in China a national two and three wheelers strategy that started ten years ago has now resulted in electric two and three wheelers having all but replaced petrol motorbikes in its major cities with 230 million electric bikes in use to date.

Such practices need to be scaled up and replicated around the world to achieve the desired impact. The window of opportunity is small. It can take as much as 20 years to turn over a country's vehicle fleet. As the big boom in car numbers in developing countries is still ahead we have to make steps to ensure we leapfrog to low emission technology and avoid a massive increase in emissions.

This is currently the only global programme that supports electric mobility for developing and transitional countries. As of today, the UNEP is supporting over 50 countries and cities to introduce electric buses, cars and two and three wheelers. UNEP is supporting eight countries to develop national roadmaps and conduct pilots for the introduction of electric two and three wheelers in Africa and Southeast Asia.

UN ON ELECTRIC FLEETS

The new electric two and three wheelers having replaced petrol motorbikes in its major cities with 230 million electric bikes in use to date. Such vital practices need to be scaled up and replicated around the world to achieve the desired impact.

United Nations EV Program is supporting 50 countries in swiftly developing regulatory polices and programs to swiftly promote electric vehicles. The huge global light duty vehicle fleet including passenger cars and light commercial vehicles is growing rapidly, from about one billion vehicles today to more than 2.5 billion vehicles by 2050.

The majority of this fast growth will be taking place in developing markets . The growing vehicle fleet will lead to a three fold increase of energy use and CO2 emissions globally. Moreover our plans to promote electric fleets will make a difference.

Green Asian Voice

Let's go green

Electric vehicles are green as well as a tool for savings too

GO GREEN GO ELECTRIC

Electric vehicle is the fastest remedy to reduce air pollution

UN Electric Mobility Program - 4

The UN Environment is currently supporting fifty countries in developing fiscal and regulatory policies and programmes to promote efficient vehicles including electric cars. UN Environment, along with partners, developed a clean bus fleet programme providing support to twenty cities in Asia, Latin America and Africa to prepare roadmaps for low emission public transport, including the introduction of electric buses. The UN Environments Electric Mobility program will involve all stakeholders leading global agencies in the field of electric mobility through partnerships.

Recognising the growing global threat of air pollution, the United Nations Environment Assembly adopted a resolution for strengthening the role of the United Nations Environment Programme in promoting air quality. It was requested to make an overview of the actions taken by governments to promote better air quality. The results are shared in an online catalogue of 193 countries. Fourteen sub regional reports and this global summary were prepared describing ten key actions being undertaken by Governments globally to improve air quality.

These ten policy actions are organized into six categories, indoor air pollution, vehicle emissions, public and non motorized transport, industrial emissions, open burning of waste, and national air quality standards and regulations. Many of the 193 countries who have ratified the Paris Agreement have implemented policies and some activities are in process, while others still have to adopt or implement them.

UN ON ELECTRIC FLEETS

Shifting to a cleaner and low to-no emissions trajectory to achieve the universal targets, particularly the Paris Climate and air quality agreements on as per UN Environment Assembly resolution on air quality.

Electric vehicles today will be the most necessary move in decarbonizing the transport sector. As per the International Energy Agency, limiting the global temperature increase to below 2°C will require at least 20% of all road transport vehicles to be electrically driven by year 2030 which is approximately 300 million vehicles.

Now it is very clear that the transportation sector is the biggest reason for maximum deterioration of air quality and the fleet operations universally with fuel powered vehicles contribute most of the poisonous emissions, so we have decided to promote the electric vehicles.

Charging stations are increasing at a faster pace

Promotion of Electric Cabs

An online Cab, whether it's a three wheeler or a four wheeler, attracts a good number of passengers in a day which varies from 25 to 30 people on an average which means nearly 1000 passengers are travelling every month in a single online Cab. So millions of electric online Cabs can create an opportunity for billions of citizens to feel the benefits of an electric vehicle much faster, by having a ride on it for the first time in their life because they have not experienced the feel of an electric vehicle before, which satisfies the famous phrase that seeing is believing.

This will increase the private electric vehicle users also in the long run and that's the reason Team Green is concentrating more on promoting online Cab operations to the maximum. Moreover the Cab operators will also be happy to make good profit out of online Cab operations due to the absence of huge diesel expenses.

A good number of private customers who are affording to buy a vehicle for their personal use have almost purchased the same and they will think of replacement to electric Cars after the prices are affordable in the future and also when the charging options are available in every nook and corner of this country or in the next stage of normal replacement of the vehicle after using for 5 or 6 years. So there should be proper awareness among the public that there are valid profitable reasons to make a shift from the fuel powered vehicles to electric vehicles. We are fully committed to fulfil this promise for giving proper knowledge about the huge advantages of an electric vehicle.

UN CLIMATE ACTION

United Nations Secretary General, Mr. Antonio Guterres warned that the current situation will lead to a catastrophic rise of 2.7°C, and he called for more ambition now.

The United Nations chief urged Governments to step up the efforts to achieve the most vital Paris agreement which seeks to limit global temperature rise. The 2015 Paris Accord requires countries commit to ambitious and urgent climate action by the fruitful plans known as Nationally Determined Contributions .

We can only meet the 1.5 degree goal if all G20 countries, which are responsible for 80 percent of global emissions and pledge more decisive action. While urging developed countries to take the lead, he also called for the emerging economies to start cutting further emissions despite global progress, the long journey still remains.

Green Asian Voice

Let's go green

Be kind enough to avoid purchase of new vehicles using fossil fuels

Life is like driving an electric car, you never want to come to a stop

UN CLIMATE ACTION

Stressing that all leaders must recognize that we are in the middle of a very crucial and serious climate emergency, the United Nations Secretary General urged Governments to enhance domestic policies "as often as necessary, and without much delay, until we are collectively on the right track."

Phasing out coal and fossil fuels is the effective step towards limiting the global temperature rise. He also welcomed China's recent announcement on ending international financing of coal based power.

UN Secretary General also called for commercial banks and other private financiers to follow suit. "I ask that coalitions of governments, public and the private financial institutions unite to scale up the existing financial mechanisms to retire coal and fund a just transition towards universal access to renewable energy,".

Electric Vehicle - A huge profit

The reality is that we are not calculating some regular expenses which we are spending but if you calculate the amount, you have burned out for diesel or petrol vehicles in the past 10 years then the amount will be huge. If you have spent ₹1000/- daily for diesel or petrol continuously for 10 years then your total amount would have been nearly ₹36 lakhs which will be less than ₹ 5 lakhs in the case of electric vehicles.

The difference is so huge because there are no expenses for fuel in an electric vehicle other than the negligible electricity cost only. So the fuel expense amount can be used for paying the EMI of an electric vehicle which actually adds to the value of the vehicle instead of the burned out money in a fuel powered vehicle.

The private customer should always think about the long run profits of buying an electric Car and for an online Cab operator, the electric vehicle will be the best source of his income in addition to his contribution for enabling a healthy green environment.

Normally an online Cab which is operated for two shifts will consume more than 20 litres of diesel which will be more than ₹ 2000 as of today, but with an electric car the expenses would have been less than ₹200. Moreover the electric vehicle without an engine, gearbox, oil, oil filter, vibrations and smoke is a long term investment because the latter will have much more resale value and longer life when compared to fuel powered vehicles with faster depreciation. Reach out to our Volunteers to get the best electric vehicle of your choice to start a new healthy beginning.

Green Asian Voice

Let's go green

Your electric vehicle is ready now …

Electric vehicles are taking the world by storm

Air Pollution and Solution

The global transportation sector accounts for almost half of energy related Carbon emissions and this proportion is rising. Air pollution emissions from transport have been linked to nearly 400,000 premature deaths annually. Almost half of all deaths by air pollution are caused by diesel, petrol and CNG emissions from the transportation sector, while those living closest to major traffic arteries are up to 12% more likely to be diagnosed with dementia.

A global solution for this is to reduce vehicle emissions to the maximum as an important intervention to improve air quality, especially in urban areas. Policies and standards that require the use of cleaner fuels with advanced vehicle emission standards and the promotion of electric vehicles will reduce vehicle emissions to a great extent. Team Green is fully committed behind the same to save the lives of millions and billions affected by chronic diseases due to air pollution.

When the air is polluted through Carbon and other poisonous emissions, microscopic flecks which are small enough to enter the bloodstream via the respiratory system, leads to Asthma, Lung cancer, chronic Heart diseases, Stroke etc. Among the world's megacities of million or more people, the most PM2.5-toxic in 2019 was the Indian capital New Delhi where Air pollution has now become a symbol of Delhi, followed by Lahore in Pakistan, Dhaka in Bangladesh, Kolkata in India, Linyi and Tianjin in China, and Jakarta in Indonesia.

UN CLIMATE ACTION

Speaking confidently and categorically at the first Climate Vulnerable Finance Summit of 48 nations systematically exposed to climate related disasters, UN chief said that, they needed reassurance of financial and technical support which will be forthcoming.

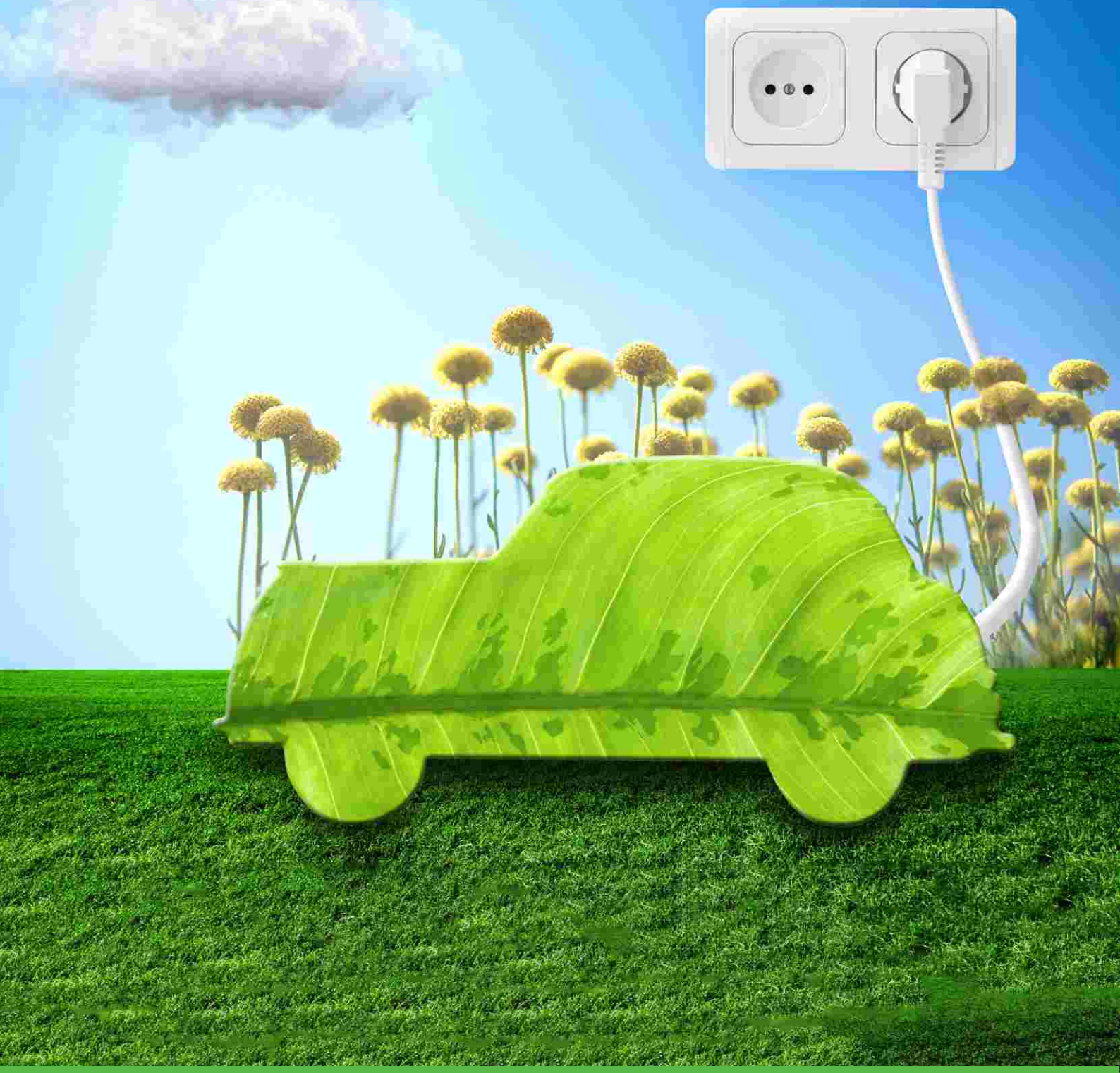
To rebuild trust, developed countries must clarify now how they will effectively deliver $100 billion dollars in climate finance annually to the developing world, as was promised over a decade ago", he said. He also said that to get the "world back on its feet", restore cooperation between governments and recover from the pandemic in a climate resilient way, many have to be supported.

Mr. Guterres asked for a clear plan to reach established climate finance goals by 2025, something he had promised earlier to emphasize to the G20 finance ministers.

Green Asian Voice

Let's go green

Using electric vehicle
Shows your love towards nature



The time is right for electric cars in fact, the time is critical

Electric Vehicles - A Saviour

As vehicular pollution is the single biggest reason for deteriorating air quality, the perfect remedy for the same is to promote the two available technologies that really help to reduce Carbon dioxide emissions, other poisonous chemicals, fine particle emissions, especially if powered by renewable energies, are the most eco-friendly alternatives called Hydrogen and electric vehicles.

We must keep in mind that electric vehicles are 100% Green and the best option to reduce our environmental footprint on transportation. We are fully committed to take vital steps for replacing the millions of petrol, diesel and CNG vehicles to electric vehicles, as the first major step towards enabling a healthy green environment which reduces air pollution to the maximum and thereby saving the lives of billions of people across the globe. Hydrogen, which is also the most eco-friendly alternative, can be used to power electric vehicles.

Although there are several measures and steps to be taken for reducing pollution, we as a non profit Organization feel that the replacement of petrol and diesel vehicles should be the first positive step to be taken for reducing air pollution because the transportation sector alone with fuel powered vehicles contribute nearly 50% of the global air pollution. Most of the Asian countries have announced many promotional measures for the wide use of electric vehicles. Japan and China are already saving billions of litres in fuel consumption every year by introducing maximum electric vehicles.

UN CLIMATE ACTION

UN Secretary General stated that financial institutions play a very crucial role supporting countries in the short term, and should facilitate the low Carbon, climate resilient recovery, or it will entrench them in high Carbon, business as usual, fossil fuel intensive investments."We cannot let this happen".

The UN Secretary General reminded us that the recent climate impacts we are seeing today is currently at 1.2° above pre industrial levels that give the whole world a shocking glimpse of what lies ahead, prolonged droughts, extreme and intensified weather events and unexpected horrific flooding.

Science has long warned that we need to limit temperature rise to 1.5°. Beyond that, we risk calamity. Limiting the overall global temperature rise is a matter of survival for climate vulnerable countries", he emphasized.

Please be a part of the solution and not pollution by going electric

Team Green & Electric Vehicles

Green Asia with electric vehicles has been in the limelight for quite some time but the target is way too ambitious. Even with high investments, country policies and incentives, industry stalwarts explain that Asia still has a long way to go regarding the popularity of electric vehicles.

Electric vehicles in Asia have opened ample business opportunities for automobile companies within the country and across the globe. Above all Team Green has taken it up as a global challenge to voice the same in the strongest way possible because it's a basic right and need of humanity to get clean air to breathe.

Green Asian Voice Council is glad to have this golden opportunity of promoting maximum electric vehicles instead of fuel powered vehicles because it automatically saves the lives of millions of people and further protects billions of people who are affected by chronic respiratory and other related diseases due to air pollution. Now the time has come to make things happen by promoting maximum electric vehicles across the globe.

Our humble appeal to all the citizens is that if you are sincerely patriotic towards saving your country, your brothers, sisters, dear ones or the earth as a whole from the massive disaster of air pollution which result in climate change destructions, then please don't hesitate to take an honest decision that your next vehicle will be an electric vehicle or your first vehicle will be an electric vehicle. A major global clean transport disruption is needed as an initial move to reduce air pollution for promoting a healthy green environment.

UN CLIMATE ACTION

The UN chief highlighted that only 21% of climate finance goes towards adaptation and resilience, and there should be a perfect balanced allocation for both adaptation and mitigation. Current adaptation costs for the most developing countries are $70 billion dollars a year, and this could rise to $300 billion dollars a year by 2030, he warned.

"I am calling for 50 percent of climate finance globally from many of the developed countries and multilateral development banks, which to be allocated for adaptation and resilience in most developing countries and we must make access to climate finance easier and faster".

UN Chief also welcomed on a new report from the World Meteorological Organization which reveals that an estimated 23,000 lives per year could be saved with potential benefits of $162 billion per year.

Green Asian Voice

Let's go green

Go Green

GO ELECTRIC

Accelerating the worlds transition to electric mobility

New age for Electric Vehicles

Now the stage is fully set to replace the millions of diesel and petrol vehicles especially the online Cabs and three wheelers to electric vehicles which will be the real initial initiative for the multiplication of electric vehicles. It's because the real profit out of the electric vehicles can be exploited out of the online Cab process because the latter is operated within a limited area and it's very easy to provide the necessary charging infrastructure within these areas.

Moreover the vehicles can run many kilometers daily, and the more distance they travel, the more will be the profit of the electric vehicles. due to the huge savings of the amount spent for fuel in diesel and petrol vehicles.

Ordinary fleet operations with long distance trips will find it difficult initially to have charging options in the distant areas but Green Asian voice Council is confident about the online Cab operations with electric vehicles because charging stations can be concentrated within the city limits itself where the Cabs are under operation. So the online Cab market is the best place for replacing diesel vehicles to electric vehicles because of its limited area of operation and the profitability in the process.

Furthermore, electric vehicles will be a stepping stone towards designing an intelligent and futuristic green healthy infrastructure for the transport sector which will be capable of catering to the mobility needs of the huge population in different countries without causing air pollution.

UN CLIMATE ACTION

The main conditions to archive the same will be through early warning systems, and climate information, known as hydromet. He said that these important services were most essential for building resilience in the face of all climate change.

Mr.António Guterres, the UN Chief called once more for a breakthrough on adaptation and resilience in 2021, with increase in the volume and predictability of getting adaptation finance. He noted that the small island developing states and the least developed countries where large gaps remain in basic weather data, would benefit the most.

These affect the quality of forecasts everywhere, particularly in the critical weeks and days when anticipatory actions are most needed, he said. The UN Climate Action has proved to be a sincere effort to fight air pollution resulting in climate change

Green Asian Voice

Let's go green

MY

next vehicle will be an electric vehicle or first vehicle will be an electric vehicle... promise to my planet

Electric vehicles are the real vehicles for the real people

UN declares the day of clean Air

Encouraged by the sudden increasing interest of the international community in clean air, and emphasizing the need to make further efforts to improve air quality, including reducing air pollution, to protect human health, the United Nations General Assembly boldly decided to designate 7th September as the International Day of Clean Air for blue skies.

The United Nations recognize the need to substantially reduce the number of deaths and illnesses from hazardous chemicals, air, water, soil pollution and contamination by 2030, as well as to reduce the adverse per capita environmental impact of cities, by including, paying special attention to air quality and other waste management. Clean air is important for the health and day to day lives of people, while air pollution is the single greatest and disastrous environmental risk to human health and one of the main avoidable causes of death and disease globally. Air pollution disproportionately affects women, children and older persons, and also has a negative impact on ecosystems. Today, the international community acknowledges that improving air quality can enhance climate change mitigation and that efforts can improve air quality.

In the outcome document of the United Nations Conference on Sustainable Development, entitled "The future we want" many countries are committed to promote the sustainable development policies that support healthy air quality in the context of sustainable cities and human settlements.

UN CLIMATE ACTION

Only 40% of countries have effective warning systems in place. To confront all the recent incidents, worldwide threat of climate change, the Assembly President will convene, in hybrid format an important event which is entitled "Delivering Climate Action for all the People, for Planet and for Prosperity".

This event will be focussed on the gap between current and required technical and financial capacities to achieve the 1.5 degrees target and to show how that gap can be met. It would be an opportunity for Member States, civil society and others, to come together to "take stock of the ambition raising initiatives along the path to COP 26", which took place in Glasgow .

Time is running out and irreversible climate tipping points lie alarmingly close where the civil society is watching closely and is running out of patience.

Green Asian Voice

Let's go green

Beware ...

Check the air quality index regularly…

Air Quality Index gives you the exact picture of pollution status in a city.

Air Quality Index - AQI

The air quality index is an index for reporting air quality on a daily basis. It is a measure of how air pollution affects one's health within a short time period. The purpose of the AQI is to help people know how the local air quality impacts their health. The Environmental Protection Agency calculates the AQI for five major air pollutants, for which national air quality standards have been established to safeguard public health. The main pollutants that reflect in the air quality index are Ground-level Ozone, Particulate matter, Carbon Monoxide, lead, Sulfur dioxide and Nitrogen dioxide.

The higher the AQI value, the greater the level of air pollution, the greater the health concerns. The concept of AQI has been widely used in many developed countries for over the last three decades. AQI quickly disseminates air quality information in real time.

Different countries use different point scales to report air quality. For instance, the United States uses a 500 point scale, wherein rating between 0 and 50 is considered good. Rating between 301 to 500 range is deemed hazardous. India too follows that 500 point scale. Every day monitors record concentrations of the major pollutants.

These raw measurements are converted into a separate AQI value for each pollutant using standard formulae developed by EPA. The highest of these AQI values are reported as the Air Quality Index value for that day.

UN CLIMATE ACTION

Regarding financing for climate action, "we all know what needs to be done", said the UN Secretary General.``Developed countries have a responsibility to increase their individual pledges and rightly honour their collective commitment for delivering the promised $100 billion a year.

This is a most essential question regarding trust which is the most vital aspect. Meanwhile, the crucial support for adaptation remains the neglected half of the climate equation, he said, receiving just 25% of climate finance and representing a paltry 0.1% of private funding.

The UN Chief again urged donors and development banks to allocate at least 50% of their required climate support towards adaptation and resilience. The developing countries that already need $70 billion for adaptation, and that figure could be more by the end of this decade.

Green Asian Voice

Let's go green

If warning is not taken seriously then global warming will do the rest

UN CLIMATE ACTION

Failure to deliver means massive loss of innocent lives and livelihoods, Antonio Guterres said. The United Nations Chief encouraged countries to use the ministerial meeting to rebuild trust, necessary in the COP26 much awaited climate change summit in the year 2021, especially the young people in particular, continue to lead the growing calls for more ambition.

They strictly will hold us more accountable and climate justice demands that we bequeath them a liveable planet," he said. Countries must take the long view, and the moral high ground, said the UN Chief "so that this and future generations can look forward to peace, opportunity and dignity for all on a healthy planet."

Hundreds of top delegates from across the world are taking part in the meeting, which is a main precursor to the UN COP26 climate change conference.

Extreme hot conditions

The environment suffered badly with numerous species, habitats, birds, trees and aquatic being affected by the developing extreme hot conditions and high demand for water. The environment agency responded to a massive increase in drought related incidents where even the fishes are struggling due to low river flows and low Oxygen.

This is not happening every year but if this increasing trend of pollution continues, then it will happen more frequently and it will further worsen. After some years it is likely that there won't be anything exceptional about winters like the one we experience now. There will be drastic changes in climate for the coming years, as it is becoming hotter and hotter day by day.

So let's accept that climate change is a real disaster which affects everyone and everything. Therefore, we should soon join hands above our selfish goals by acting together to reduce air pollution at the earliest. "Team Green" is deeply committed to bring a healthier green environment than ever before by promoting electric vehicles to replace petrol and diesel vehicles, along with solar panels to the maximum as the initial positive step to fight against air pollution which causes disasters all around us.

Scientists have stated that the Earth's surface is warming and many of the warmest years on record have happened in the past 20 years and this is basically due to the rise of air pollution day by day. This means that the melting of ice mountains have also become faster and the sea level is also increasing.

Green Asian Voice

Let's go green

GREEN EARTH IS VANISHING
POLLUTED EARTH IS ESTABLISHING

As air pollution increases, the greenery of Earth decreases

UN CLIMATE ACTION

The UN Secretary General urged that young people have been in the forefront of putting forward most positive solutions, advocating for climate justice and holding leaders to account. We need young people everywhere to keep raising their voices and described the recent climate emergency as a code red for humanity, with the poorest and vulnerable already hardest hit.

The window of last ever opportunity to prevent the worst impacts of the climate crisis is closing quickly. We know what needs to be done and we have the tools to do it, he said. He urged the young climate leaders to vibrantly keep speaking up for ensuring that at least 50% of climate support is for adaptation to protect lives and livelihoods.

He outlined that why their voices are needed now, and also urged developed countries to provide funds for climate finance.

Huge economic loss

The report titled "Greenpeace: Cost to Economy Due to Air Pollution Analysis 2021" was released by Greenpeace, a global climate action advisory group. It stated that air pollution caused economic damages up to a fortune of Rs. 2 lakh crore in India during the year 2020.

Indian urban cities are becoming increasingly congested due to migration for education, employment and better quality of life. But the increasing population has led to a rise in pollution levels due to the rise of private Cars, millions of online Cabs in the past decade, felling of trees to widen roads, construction etc.

Despite recording relatively better air quality in the year 2020 due to strict lockdown, air pollution continues to be a serious public health issue which also drastically impacts our economy. For the Governments of the day, it is crucial that investments are made towards Green and sustainable solutions.

"When we choose fossil fuel over clean energy, our health is put at stake. Polluted air increases the likelihood of deaths due to cancer, stroke, spike in asthma attacks and worsens the severity of Covid-19 symptoms," said Avinash Chanchal, Climate Campaigner, Greenpeace India in a statement. Considering the present tragic situation of air pollution, this report has to be taken with utmost importance to know the real facts out of this disaster. Over 120,000 people died in India and at least 12,000 in Bengaluru alone in 2020 as a result of air pollution and related problems, as per the Greenpeace Southeast Asia Analysis of IQAir data.

World's largest economy, United States is sadly the world's second polluter

Mitigation

Mitigation means addressing the causes of climate change by stopping the human activities which are affecting the climate system such as cutting our emissions of greenhouse gases. The climate crisis is increasingly distressing. Climate change mitigation avoids and reduces emissions of heat trapping greenhouse gases into the atmosphere to prevent the planet from warming to more extreme temperatures. It can mean using new technologies and renewable energies, making older equipment more energy efficient, or changing management practices or consumer behavior.

Climate change mitigation are actions to limit the magnitude and rate of long-term climate changes which includes switching to low Carbon energy sources, such as renewable and nuclear energy, and expanding forests and other sinks to remove greater amounts of Carbon dioxide from the atmosphere.

Mitigation strategies include retrofitting buildings to make them more energy efficient, adopting renewable energy sources like solar, wind and small hydro electric projects, helping cities develop sustainable transport such as bus rapid transit, electric vehicles, biofuels, and promoting more sustainable uses of land and forests.

Even though it's a lot harder to reduce emissions from transport and agriculture, we have to make it a reality and Team Green is fully committed to take the same as a challenge. The Organisation is using maximum donated funds to ensure a consistent income in electric online Cab operations.

UN CLIMATE ACTION

Governments, businesses and investors still have yet to reduce their emissions in line with the figure of 1.5°C which is the goal of the Paris Agreement, another area for youth advocacy. The target means countries must honestly commit to achieving net-zero greenhouse gas emissions by the middle of the century, and clear plans to achieve them.

The UN Secretary General Mr.António Guterres also commended about the Italian Government, which holds the co-presidency of the COP26 with the United Kingdom for providing this global stage for young people to with policy makers.

He thanked young people for contributing valuable ideas and solutions. The UN climate conference. Your solidarity and demands for action set a powerful example. We need national leaders to ensure the results we need at COP26.

Green Asian Voice

Let's go green

Mother Earth is crying as we have done enough and more damage

Adaptation

Adaptation means making changes for preparing and reducing the effects of climate change. For example by building stronger sea defenses to reduce the vulnerability of coastal communities due to possible rise in sea level, provide subsidies to buy electric vehicles, incentives for solar roofing projects etc.

Other things we can and should be doing now include reducing water usage by reducing the number of leakages throughout the world, extending domestic metering, avoiding any unnecessary development in flood plains or on fast eroding coastlines, designing infrastructure that will be resilient to the more extreme weather, establishing maximum electric vehicle charging stations etc.

The concerned Government should take all possible action to mitigate climate change, by continuing to cut greenhouse gas emissions, for reducing the impact of climate change and to ensure that all Government policies and investment decisions take it into account.

There should be sudden actions that the Government should take over the next five years with millions of new electric vehicles and thousands of Hydrogen powered container Ships, solar power plants, to help the country adapt to climate change.

Our resilience will only be robust if we prepare the worst scenarios and plans that should take a proactive approach for mitigating and adapting to climate change, taking into account the long term implications.

UN CLIMATE ACTION

One of the members of UN Security Council, said that his nation is co-chairing with Ireland an expert group that really aims to adopt a resolution regarding the climate crisis. It is our conviction that fragility linked to climate change is an aggravating factor in humanitarian crises.

He also thanked those who are leading by example and there by submitting energy compacts, which she described as critical. The response to economic recovery, in the wake of the recent pandemic has, been inadequate, and pushed millions into poverty.

The commitments made as of today, For achieving net zero Carbon emissions, continued the deputy UN chief, hinges on actions taken this decade, which needs to be one of the massive renewable energy expansion, with people and planet at the heart of all our initiatives, this will make a difference.

Green Asian Voice

Let's go green

Don't fill our Mother Earth with polluted air... it may go forever

Green Plantations

We conduct awareness programs to various concerned Government departments for promoting Mangrove forests to the maximum because effective action on climate change will require a combination of emissions and atmospheric Carbon removals. Protecting, enhancing and restoring natural Carbon sinks must become political priorities to fight climate change.

Mangrove forests can play an important role in Carbon removals because they are among the most Carbon dense ecosystems. The Mangrove forest soils act as long term Carbon sinks. Actually Carbon sequestration by Mangrove is the amount of Carbon that accumulates in wood or soils each year and remains stockpiled there when isolated from the atmosphere.

The world's Mangroves store 24 million metric tons of Carbon in soil every year which is a great blessing for the Earth but has to further increase in plenty. Sometimes deforestation makes the situation even worse where millions of metric tons of Carbon emissions are released. Moreover, Mangroves also reduce flooding and erosion from storms and also filter pollutants from water. It has a big impact on climate and they are considered as power houses when it comes to Carbon storage where most of this Carbon is stored in the soil beneath the Mangrove trees.

So we feel that it's high time that several countries should take some major steps towards Mangrove plantation to fight climate change effectively by absorbing the dangerous Carbon emissions which are on the rise.

UN CLIMATE ACTION

Most of the Governments committed to install an additional 698 gigawatts of renewable energy from solar, wind, geothermal, hydro and renewable based hydrogen, and related businesses, notably power utilities, pledged to install an additional 823 GW.

These are good and bold extra ordinary commitments she said, "I invite you all to help make them a reality." There's no denying it we have to tackle the climate emergency. Burning fossil fuels to get energy has to end. It's doable but it's going to take solutions in every industry, at every scale and in every nation.

No Denying It, is the UN climate action podcast, bringing you the voices of young climate change makers from across our warming planet. These activists, engineers, and entrepreneurs show us how we can make big changes in our homes, our jobs and where we vote.

Green Asian Voice

Let's go green

Mangroves….
Carbon storage machine

Mangroves store 24 million metric tonnes of Carbon in soil every year.

UN CLIMATE ACTION

Like us, everyone has to start somewhere now, but the important thing is to get started. When it really started, less than a decade ago, Formula E, the fully electric car racing championship, struggled to be taken seriously by the motor sports industry.

Today, major manufacturers are queuing up to be involved in the new series, which is growing in very popularity, just like the electric cars it has been designed to promote. Backed by United Nations, Formula E's success is an entertaining part of the biggest push ever from governments, manufacturers, and consumers to end our reliance on polluting, fossil fuelled engines.

Conor Lennon has been talking to some of the major players involved, to find out what the sport, and the industry, are swiftly doing sincerely to advance sustainable development, and fight the climate crisis.

Underplaying risk

"To avoid the fear and grief there is an element of underplaying the risk which happens out of climate changes," A report from an international team of climate researchers which hit the headlines warned of a greenhouse effect. This is the risk that without intervention, we could cross a threshold leading to runaway climate change with sea level rise up to 60m.

This wouldn't just cause major cities like Dubai and New York being submerged under water but it would make most of the earth uninhabitable. So, climate change is the biggest threat out there to our economy, environment, health, life, way of life, our country, our continent, our world, and our future.

We have seen an almost overnight change in behaviour in relation to plastics. It has become socially unacceptable to litter or to use throwaway plastic bags. The same thing can happen and maybe is happening with regard to behaviour which stops climate change also that arises due to air pollution.

The good news is that it doesn't have to be like this. We can tackle this problem, if we act soon because some of the effects of climate change such as rise in temperatures, sea levels rising, wetter winters, and more violent weather can be prevented by reducing air pollution at the earliest.

What we need to do is summed up by two words, Mitigation and Adaptation. Our Team Green us fully committed to promote all these measures to reduce air pollution in the middle of underplaying risk by those responsible.

Green Asian Voice

Let's go green

Let's nurture the nature so that we can have a better future.

Go Green - Sooner the better

The sooner we go Green the better, because every moment numerous precious lives of people are affected to a great extent by the drastic effects of air pollution. Let's tackle air pollution together and redouble our efforts to go for a Green Revolution. Over the last two hundred years humans have comprehensively demonstrated that they can change the climate and we have changed it for the worse by doing the wrong things. Now let's show that we can change it for the better by going Green in all the possible aspects that affect the life of the people and the environment as a whole.

To fulfill the main objective of the Organization, which is to reduce air pollution to the maximum, our studies have found that more pollution is caused by the extensive use of petrol, diesel and also the different methods of producing electricity.

Non-Profit Organization

Many of the non-profit Organisations, who are not just environmental Organizations, are recognizing that climate change poses the biggest threat to the environment and human life. Its high time that the most sincere Volunteers from different Organisations should join hands together to rightly challenge the rest of the world for going further and faster in tackling the greatest disaster of air pollution.

We work every day with the industry and energy sector to reduce their greenhouse gas emissions and also with local authorities, planners and developers to create better places, designed for the climate we now anticipate.

UN CLIMATE ACTION

Air pollution from coal fired power plants is linked to horrific global warming and the other damaging environmental and public health consequences. We have heard about many of the government commitments made today, but just as significant are the concrete pledges made by several coalitions.

No New Coal contract includes Sri Lanka, Denmark, Chile,Montenegro, France, Germany, and the UK. Countries involved in the coalition have committed to immediately stop issuing new permits for unabated coal fired power generation projects and urgently cease new construction of all unabated coal fired power generation projects.

The 24/7 Carbon Free Energy Compact, led by Google and in partnership with a group of energy buyers aims to transform electricity grids to absolute zero, ie, full decarbonization.

Green Asian Voice

Let's go green

Water doesn't wait for time...it attacks mercilessly..already 3/4 with water

Let's breathe pure Air

Respiration is the most essential process of life on this planet for almost all living beings. Carbon dioxide in the air can be both good and bad. When humans and animals breathe, we give off an odorless gas called Carbon dioxide and plants use this gas along with sunlight to make food and Oxygen.

However, large amounts of Carbon dioxide is produced from the Carbon emissions of fuel powered vehicles, Coal firing power plants, burning of agricultural wastes and so on, which are harmful because Carbon dioxide is the most important contributor to air pollution which results in global warming.

So our aim is to reduce Carbon emissions by introducing electric vehicles instead of fuel powered vehicles, solar power plants instead of Coal firing power plants to produce electricity, solar roofing panels and customised solar roofing designs to the maximum for generating renewable energy from the natural resources available without polluting the air.

Nobody is safe from this pollution, which mainly comes from certain human sources where poisonous emissions from fuel powered vehicles are the biggest source of air pollution followed by Coal firing power plants, burning of agricultural waste and so on.

These sources spew out a range of substances including Carbon monoxide, Nitrogen dioxide, Nitrogen oxide, ground level Ozone, Particulate matter, Sulfur dioxide, Hydrocarbons, all of which are harmful for human health to the maximum.

UN CLIMATE ACTION

Most of the Signatories commit to adopting and enabling Carbon free energy which means that every kilowatt hour of the electricity consumption is met with the Carbon free electricity sources, every hour of each and every day, everywhere. Gender and Energy Compact, involving governments, and some thirty civil societies and international organizations are so important.

They aim to give every women an equal opportunity for leading, to participate in and be benefiting from just transition, and to have the equal access to sustainable energy products and services. Solar panels are widely being used in Cambodia for meeting demand for energy .

Over a decade ago, many of the developed countries agreed to commit $100 billion per year in support of climate action, which really includes switching to clean energy.

Green Asian Voice

Be a part of the solution and not a part of the pollution

Air is all what matters

Air is the primary aspect of our existence on this planet, it is our fuel. One should be considered the luckiest on the planet today, if they have access to clean, fresh air to breathe. It's not the humans alone, each and every system of the universe depends on the quality of air.

Ozone, another type of gas in the air, also protects us from too much sunlight which is also affected by air pollution resulting in global warming. This is making our planet hotter and hotter with sea water also being affected by the rise in temperature which leads to dangerous rise in sea levels.

When the air carries soot, smoke and other poisonous particles exhausted mainly from fuel powered vehicles and Coal fired power plants, it result in air pollution. Team Green is fully aware of these global disasters and fully committed in bringing about evident change and a partial solution for the same.

On Earth, we're pretty lucky to have an atmosphere filled with air which acts as insulation in keeping the earth from getting too cold or too hot. As air is affecting all the aspects, polluting the air will also affect each and every aspect of the earth as a planet and millions of people lose their precious lives due to effects of air pollution, in addition to billions of people who are suffering due to chronic respiratory diseases. It is extremely unfortunate for any human being on this planet to be struggling with the most essential need of its existence, i.e. clean air; especially children and the elderly who suffer the most from this disaster.

UN CLIMATE ACTION

It might sound a lot, but it's only around 5% of the annual expenditure, and the trillions which the developed countries tend to give for financing Covid related for their citizens.

With communities in all parts of the developing world already suffering from the crucial financial effects of the climate change, from crop loss due to drought, or major damage to infrastructure caused by flooding or other extreme weather. It might be pertinent to ask for arranging funds to deal with all aspects of climate crises.

"build back better" theory we have heard so often that during the pandemic, countries continue to invest in the production of fossil fuels, by adding to the dangerous emissions levels that are driving temperature rises. The developing countries have been central to climate accords since 2009 which is a symbol of trust.

Green Asian Voice

Let's go green

Going Green will purify the air we breathe and filter the water we drink.

Better late than never

Most people have busy lives with other things to worry about and people are least interested to hear about this disaster. Partly because, the effects of a changing climate tend to be invisible and incremental until they are suddenly catastrophic. Tough words have to be used to describe the disaster of climate change. If words like climate change and global warming have become a turn off for most ordinary people, maybe we should change the words.

Perhaps we should talk instead about what those things make, like killer weather and the alternative important words used to be bold and so on. Many people might not get out of bed to fight something that sounds vaguely technical and feels non threatening even though it's otherwise in the case of air pollution which is a real disaster. We are almost always late in acting in ways of protecting our loved ones, our homes and our livelihoods, but it is always better to be late than never, so we must actively and constantly strive in building a better world around us.

The most committed Volunteers of our Organization known as Team Green are working in anticipation with the latest climate change predictions in mind and under laying extra strong foundations. Despite the long life goals, we are already working on a replacement for many of the existing concepts, like extensive use of petrol and diesel to electric vehicles etc for making a better green environment without air pollution. We are striving to develop plans that will lay the foundations for us and future generations to come.

UN CLIMATE ACTION

The urgent mobilization of the $100 billion fund, which was committed in the 2015 Paris agreement, is really essential for securing progress and meeting the goals of the agreement.

As per the independent expert report prepared at the request of the United Nations Secretary General, delivering on the most essential $100 billion climate finance commitment and transforming climate finance which was then released in December 2020, the commitment is the bedrock of international climate finance, which has now is already been underpinning in international agreement and co-operation on climate action.

The collective goal must be to scale up international public finance in the period thereafter to accelerate the drive to net zero Carbon and climate resilient growth which is known as The Climate Finance Framework.

Green Asian Voice

Let's go green

Delay is no longer an option and denial is no longer an acceptable response

Value of our short life

Our life is so short and we are just like some vagabonds roaming about and resting in an inn as a temporary shelter, preparing to pass away earlier than we expect, even though we behave in such a manner that we will be here in this universe for more than 500 years. We often dedicate our whole precious lives and selfishly do all possible things for the upliftment of three or four persons in our family.

We appreciate your selfless commitment towards your family, but we also believe that your family will be blessed more abundantly by the nature if they dedicate their positive and active efforts to contribute small part of their life for reducing the cause of millions of early deaths due to air pollution, which stands as a substantial source for damaging billions of life with serious respiratory and other chronic diseases.

We are aiming to do better than just surviving the changing climate. Our aspiration is to help this continent thrive by working with the grain of the natural environment. We are committed to turn the threat of climate change into an opportunity of creating a better place by dedicating ourselves to take vital steps for reducing the Carbon footprint from our own day to day life.

We the people are the most unlucky person on earth to struggle the maximum out of air pollution, which results in chronic respiratory diseases Coronary Heart problems, Stroke, Lung Cancer and so on.

UN CLIMATE ACTION

This special framework represents the key channels to procure maximum fund for this movement. The Climate Action Plan by UN Secretariat has been adopted a new 10-year plan aimed at transforming its operations to achieve a quick 45% reduction in greenhouse gas emissions and sourcing 80% of electricity from renewable energy by 2030.

The plan is aligned with the giant United Nations system involving a better sustainability management strategy and along with the much awaited latest recommendations of the IPCC report on Climate change with interventions to achieve these targets.

The very first entails on the acceleration of current efforts, quickly focussing on reducing consumption by the behavioural changes, strongly enhancing the energy efficiency, connecting to existing renewable grids.

Burning fuel to power vehicles is like burning our future

Green Task Force

A study by the Indian Medical Council of Medical Research has said precisely that pollution is making life expectancy in India go down. Air pollution is a menace that can and must be beaten and we are there for accelerating the same.

Green task force has recognized this serious global disaster and will definitely make sure that maximum promotions are concentrated on environmentally friendly projects which enable a healthy green atmosphere in all aspects. Volunteers of our Organization whom we call as our Green Task Force are socially committed enough to contribute their most valuable time and efforts to bring about a change in the polluted air around us and thereby promote a healthy green environment.

It's not only the Volunteers of our organization, we request each and every one of you to join hands with us to make this earth a better place to live in because air is all that matters. If the air is impure then it's the beginning of all the problems both in terms of our health and the nature around us.

We have a Green Finance Task force, who are the most committed Volunteers, composed of leading experts in academia, finance and civil society, which identifies the ways to encourage capital for moving towards greener and cleaner sectors by rightly framing this as a huge opportunity for investment, particularly in those sectors which are the backbone of the economy such as transport, retail, utilities, green plantations, electricity and industries.

UN CLIMATE ACTION

The second plan involves transformative change through innovative and complex solutions that strictly will require external partnerships, including scaling up new green technologies and purchasing renewable energy from not yet developed third party owned and the most modern extra ordinary facilities. Sustained communication and outreach will support both the intensification and innovation efforts.

In the transformative ten year journey, the United Nations Secretariat is seeking to catalyze the development of new climate smart infrastructure to meet the energy needs. The UN welcomes to new partnerships with climate champions that share its vision.

Climate Change is the real defining crisis of our time. The urgency to act and respond to the climate emergency, as well as the serious consequences occurred due to inaction, are very clear.

Green Asian Voice
Let's go green

Green task force

One cannot make a difference but together we can change the world.

Paris Agreement

2015 UN Climate Conference in Paris opened with the largest gathering of world leaders in history, and closed with adoption of the Paris Agreement, a new global accord on tackling climate change. The Agreement marks the first time that virtually every country on Earth has pledged to constrain its greenhouse gas emissions to keep global warming since pre-industrial times below the commonly-used 'danger threshold' of 2°Celsius.

The Paris climate summit, is described as a 'resounding success for multilateralism', where 195 countries agreed to a set of measures aimed at curbing climate change. The Agreement is a vital step for the UN Framework Convention on Climate Change to prevent dangerous climate change.

It sets a goal for constraining global temperature rises and contains provision for pledges by countries aimed at meeting it. It includes measures to help poorer nations prepare for unavoidable climate impacts, and to ensure rich nations provide financial and technical assistance. It establishes a process to increase Carbon cutting ambition over time and a mechanism for ensuring that countries are transparent.

The Paris Agreement is to keep global warming significantly below' 2° Celsius. This is more ambitious than the 2°C target agreed in 2010. Governments then regarded 2°C as the 'danger threshold' for global warming, but the more ambitious target reflects new science showing significant impacts occurring with lower temperature change.

PARIS AGREEMENT

The Paris agreement has been successfully elicited public recognition from every country in the world, that we should reduce Carbon emissions at the earliest. Rich countries have agreed to help poorer countries, known as climate finance, to help them adapt to climate impacts and build a low-Carbon economy.

So far they have promised £100 billion per year by 2020, and it's which will be increased by 2025. Rich countries will also help poorer ones with irreversible and permanent damage from climate change, an issue known as loss and damage.

The agreement bolsters good support for international cooperation on helping countries adapt closely to climate change by developing new technologies and building adaptation capacity. Governments agreed to monitor wether that countries are doing what they have pledged for.

Green Asian Voice

Let's go green

Everyday is an opportunity for a better tomorrow

US President on Climate Change -1

JOE BIDEN @ COP 26

US President Joe Biden who is more concerned about the climate change effects on our planet has categorically stated that United Nations Climate Change Summit at Glasgow 2021, must be must be the kickoff of a decade of ambition and green innovation to preserve our shared future. Climate change is already ravaging the world, we've heard from many speakers.

Climate change occuring not simply a hypothetical threat. It's destroying people's lives and livelihoods and doing it every single day. It's costing our nation's trillions of dollars, record heat and drought, fuelling more widespread and more intense wildfires in some places and crop failures in others.

President of the United States categorically stated that record flooding, and what used to be once in a century storms are now happening every few years.

2021 United Nations Climate Change Conference, also known as COP26, is the 26th United Nations Climate Change conference. It was held in Glasgow, Scotland, United Kingdom, in the month of November 2021.

President Joe Biden spoke at the COP26 climate summit in Glasgow on November 1, 2021. Here are some of the points highlighted by him The science is clear, we only have a brief window left before us to raise our ambitions and to meet the task that's rapidly narrowing.

This is a decisive decade in which we have an opportunity to prove ourselves. We can keep the goal of limiting global warming to just 1.5 degree Celsius within our reach, if we come together, if we commit to doing our part for each of our nations with determination and with ambition.

Recently the United States has experienced all of this and every region of the world can tell similar stories and in an age where this pandemic has made it so painfully clear that no nation can wall itself off from borderless threats. We know that none of us can escape the worst that will come if we fail to seize this moment. Within the growing catastrophe, I believe there's an incredible opportunity, not just for the US, but for all of us.

We're standing at an inflection point in world history, we have the ability to invest in ourselves and build an equitable clean energy future. Green investments creates millions of good paying jobs and opportunities around the world.

Less air pollution is the answer to a healthy life solution

US President on Climate Change -2

JOE BIDEN @ COP 26

My Build Back Better framework will make historic investments in clean energy. This will be one of the most significant investment to deal with the climate crisis that any advanced nation has ever made.

We're going to cut US greenhouse gas emissions by well over a Gigaton by 2030, while making it more affordable for consumers to save on own energy bills with tax credits for installing solar panels, and weatherizing their homes. By lowering energy prices will deliver cleaner air and water for our children, electrifying fleets of school buses, increasing credits for electric vehicles and addressing legacy pollution.

We're planning for both short term sprint to 2030, that will keep 1.5 degree celsius in reach and for a marathon that will take us to the finish line. That's why today I'm releasing the US long term strategy.

Cleaner air for our children, more bountiful oceans, healthier forest and ecosystems for our planet. It will incentivize clean energy manufacturing, building the solar panels and the wind turbines that are growing energy markets of the future, which will create good paying union jobs for American workers and something that none of us should lose sight of. When I talk to the American people about climate change I tell them it's about jobs. It's about workers who will lay thousands of miles of transmission lines of clean, modern, resilient power grid.

The auto workers who will build the next generation of electric vehicles and electricians who will install a nationwide network of 500,000 vehicle stations to power them throughout my country. If we take all these actions, the United States will be able to meet the ambitious target I set in the leader summit and climate back in April, reducing US emissions by 50 to 52% below 2005 levels by 2030.

We'll demonstrate to the world, the United States is not only back at the table but hopefully leading by the power of our example. I know it hasn't been the case, and that's why my administration's working over time to show that our climate commitment is action not words. On my very first day in office, I took action and returned the United States to the historic Paris Agreement. Our administration has been hard at work on locking clean energy breakthroughs to drive down the cost of technologies that will require us to achieve net zero emissions.

Green Asian Voice

Let's go green

Wind energy will be an option for energy independence

Best things in life are free like the wind and the sun, use it maximum

US President on Climate Change -3

JOE BIDEN @ COP 26

This will surely transform the largest economy in the world into a more thriving, innovative, equitable, and just clean energy engine of net zero for a net zero world. This new strategy which presents a vision of achieving the United States goal of net zero emissions economy wide by no later than 2050 and taking bold action with the decisive decade.

We're also going to try to do our part when it comes to helping the rest of the world take action as well. We will help countries around the world, to accelerate their clean energy transition, address pollution, and ensure the world that we all must share a cleaner, safer, healthiest planet.

There's no more time to hang back or sit on the fence or argue amongst ourselves. This is a challenge of our collective lifetimes, the existential threat to human existence as we know it.

United States will be announcing new initiatives to demonstrate our commitment to providing innovative solutions across multiple sectors from agriculture to oil and gas, to combating deforestation, to tackling hard and to abate industries, to power the clean economy of the future. We have an obligation to help. My friends, if we're to recognize that a better, more hopeful future, every nation has to do its part with ambitious targets to keep 1.5 degrees in reach and specific plans of how to get there, especially the major economies.

It's imperative we support developing nations so they can be our partners in this effort. Climate change is already ravaging the world and it's not simply a hypothetical threat. It's destroying people's lives and livelihoods and doing it every single day. It's costing our nation's trillions of dollars, record heat and drought, fuelling more widespread and more intense wildfires in some places and crop failures in others record flooding, and what used to be once in a century storms are now happening every few years.

Let's be the start of a decade of transformative action that preserves our plan and raises the quality of life for people everywhere. We can do this, we just have to make a choice to do it. So let's get to work and thank you. Those of us who are responsible for much of the deforestation and all the problems we have so far have overwhelming obligations in the nations, who in fact were not there, have not done it, and we have to help much more than we have thus far. God bless you all, and may God save the planet. Thank you.

Maximum Green ways and days will be safe and savings too...

Prime Minister on Climate Change - 1

NARENDRA MODI @ COP 26

Indian Prime Minister Narendra Modi who arrived in Glasgow, for the UN climate change submit in November 2021 was received by British Prime Minister Boris Johnson and United Nations Secretary-General Antonio Guterres.

India will achieve its zero-net emissions target by 2070, said the indian Prime Minister as he presented his 5 'Amrit-Tatva' before the world at the COP26 key climate summit, which took place in Glasgow, Scotland 2021" At this global brainstorming on climate change, I present 5 'amrit tatva' from India. I gift this' 'panchamrit'' to deal with the climate change challenge.

First, India will take its non-fossil energy capacity to 500 GW by 2030. Second, India will meet 50 percent of its energy requirements from renewable energy by 2030.

Prime Minister Narendra Modi was warmly greeted by his British counterpart Boris Johnson upon his arrival at the Scottish Exhibition Centre to attend the opening ceremony of the COP26 climate summit where he delivered a much-awaited national statement.

“First, India will bring its non-fossil energy capacity to 500 GW by 2030. Second, by 2030, India will fulfill 50 percent of its energy requirement through renewable energy.""Third, India will cut down its net projected Carbon emission by 1 billion ton from now until 2030. Fourth, by 2030 India will bring down Carbon intensity of its economy by more than 45 percent. Fifth, by 2070 India will achieve the target of 'net zero,'" PM Modi said at COP26 World Leaders' Summit.

The Prime Minister further continued and said, "Climate change is a major threat to existence to many developing countries. We must take major steps to save the world. It is the need of the hour and will prove the relevance of this platform. I'm hopeful that decisions taken in Glasgow will save future of our next generations.”

PM Modi stresses on climate finance"India expects developed nations to make climate finance of 1 Trillion dollars available at the earliest. Today it's important to track climate finance just like we track the progress of climate mitigation," he said."It would be an appropriate justice to create pressure on the nations that don't meet their own promises of climate finance,".

Environment is our life...polluting it is our struggling death

Prime Minister on Climate Change- 2

PM Modi - one-word movement 'LIFE' for climate change"World today admits that lifestyle has a major role in climate change. I propose oneword movement before all of you. This word is 'LIFE' which means Lifestyle for Environment. Today, it's needed that all of us come together and take forward LIFE as a movement," PM Modi said."Instead of mindless and destructive consumption, mindful & deliberate utilization is the need of the hour.

This movement can bring in revolutionary changes in areas like agriculture, fishing, housing, packaging, hospitality, tourism, fashion, water management and energy," the Prime Minister said. Promises made so far proved hollow: PM Modi"We know the reality that promises made so far over climate finance have proven to be hollow.

Today I am representing amid you, the land which gave this mantra thousands of years ago- Today in the 21st century, this mantra has become more important and more relevant, that is, let's move together, let's all interact together and everyone's minds should also be one.

When I first came to Paris for the Climate Summit, it was not my intention to add one promise to the many promises already being made in the world. I came with a concern for humanity. I came as a representative of a culture that gave the message of 'Sarve Bhavantu Sukhinah', which means happiness for all and so, for me the event in Paris was not a summit, it was a sentiment and a commitment.

NARENDRA MODI @ COP 26

Third, India will reduce total projected Carbon emissions by one billion tonnes from now till 2030. Fourth, by 2030, India will reduce the Carbon intensity of its economy by less than 45%. and fifth, by the year 2070, India will achieve the target of Net Zero.

These 'Panchamrits' will be an unprecedented contribution of India to climate action. We all know this truth that the promises made till date regarding climate finance have proved to be hollow. While we all are raising our ambitions on serious climate action, the world's ambitions on climate finance cannot remain the same as they were at the time of the Paris Agreement.

Today, when India has resolved to move forward with a entirely new commitment and a new energy, the transfer of climate finance and low cost climate technologies have become more important.

Always make maximum love but not emissions

Prime Minister on Climate Change- 3

NARENDRA MODI @ COP 26

India expects developed countries to provide adequate climate finance of $1 trillion at the earliest. Today, it is necessary that as we track the progress made in climate mitigation, we should also track climate finance.

The proper justice would be that the countries which do not live up to their promises made on climate finance, pressure should be put on them. Today India is moving forward on the subject of climate with great courage and ambition. India also understands the suffering of other countries, shares them, and will definitely continue to sincerely express their expectations.

When we re now taking forward our ambition regarding climate action, the ambitions of world over climate finance can't keep standing at the point where they were at the time of the Paris Agreement, as said by the Indian Prime Minister Narendra Modi.

India was not making those promises to the world, but 125 crore Indians were making those promises to themselves. I am happy that a developing country like India, which is working to lift crores of people out of poverty, and which is working day and night on the ease of living for crores of people, today, despite being 17 % of the world's population, whose responsibility has been only 5 % in emissions, it has left no stone unturned to show that it has fulfilled its obligation.

Today the whole world believes that India is the only big economy which has delivered in letter and spirit on the Paris Commitment. We are making every effort with determination; and we are working hard and showing results. Today, as I come among you, I have brought India's track record. My words are not just words; they are announcements of a bright future for our future generations. Today, India ranks 4th in the world in installed renewable energy capacity. India's non-fossil fuel energy has increased by more than 25% in the last years and now it has reached 40% of our energy mix.

Every year more passengers travel by Indian Railways than the population of the world. This huge railway system has set a target of making itself 'Net Zero' by 2030.This initiative alone will lead to a reduction of emissions by 60 million tonnes annually. Similarly, our massive LED bulb campaign is reducing emissions by 40 million tonnes annually. Today, India is working at a faster pace on many such initiatives with a strong will to move forward with a new commitment and new energy.

Green Asian Voice

Let's get green

We fight for our future and not for revenge

Prime Minister on Climate Change- 4

NARENDRA MODI @ COP 26

The climate finance and transfer of low cost technology become even more important. For many of the developing countries, climate change is really looming large over their existence.

Today the whole world believes that India is the only big economy which has delivered in letter and spirit on the Paris Commitment. We are making every effort with determination by working hard and showing results. We have to take big steps today to save the world. This is the need of the hour and this will also prove the relevance of this forum.

I am confident that the decisions taken in United Nations Climate Change Summit at Glasgow 2021, will save the future of our future generations, giving them the gift of a secure and prosperous life. Speaker Sir, I took extra time, I apologize to you for that. Its my duty to raise the voice of developing countries.

Along with this, India has also given institutional solutions to cooperate with the world at the international level. As a revolutionary step in solar power, we initiated the initiative of the International Solar Alliance. We have created a coalition for disaster resilient infrastructure for climate adaptation. This is a sensitive and vital initiative to save millions of lives.

I would like to draw your attention to one more important topic. Today, the world admits that lifestyle has a big role in climate change. So, I propose before you a One-Word Movement. This One-Word , in the context of climate, can become the basic foundation of One World. This word is- LIFE...L, I, F, E, which means Lifestyle For Environment. Today, there is a need for all of us to come together and take Lifestyle For Environment (LIFE) forward as a campaign.

This can become a mass movement of Environmental Conscious Life Style. We needed today is mindful and deliberate utilization, instead of mindless and destructive consumption. These movements together can set goals that can revolutionize many sectors in diverse areas such as Fishing, Agriculture, Wellness, Dietary Choices, Packaging, Housing, Hospitality, Tourism, Clothing, Fashion, Water Management and Energy.

These are subjects where each of us has to make conscious choice every day. These choices exercised by billions of people daily around the world, will take the fight against climate change, billions of steps forward every day.

Green Asian Voice

Let's go green

Even the school children started striking globally for clean air.

New generation children knowing better than the old generation leaders

Boris Johnson on Climate Change

British Prime Minister Boris Johnson opened a Global Climate Summit, saying the world is strapped to a "doomsday device." He told leaders that "we are in roughly the same position", only now the "ticking doomsday device" is not fiction. The threat is climate change, triggered by the burning of Coal, oil and natural gas, and he pointed out that it all started in Glasgow with James Watt's steam engine powered by Coal.

He was kicking off the world leaders' summit portion of a U.N. climate conference, which is aimed at getting agreement to curb Carbon emissions fast enough to keep global warming to 1.5 degrees Celsius below pre-industrial levels. The world has already warmed 1.1 degrees Celsius.

Current projections based on planned emissions cuts over the next decade are for it to hit 2.7C by the year 2100. Johnson told the summit that humanity had run down the clock when it comes to climate change, and the time for action is now. He pointed out that the more than 130 world leaders who gathered had an average age of over 60, while the generations most harmed by climate change aren't yet born.

Johnson called for the end of Coal-fired power plants and gasoline-powered cars along with a huge influx of cash from rich nations to poor to help them switch to greener economies and adapt to the worsening climate impacts. Britain's leader struck a gloomy note on the eve of the conference, after leaders from the group of 20 major economies made only modest climate commitments at their summit in Rome.

BORIS JOHNSON @ COP 26

British Prime Minister, Boris Johnson opened the climate change summit at Glasgow 2021, warning that 2°C more to global temperatures will jeopardise food supplies, 3°C more will bring more wildfires and cyclones, while 4°C and "we say goodbye to whole cities".

He made the comparison between world leaders and James Bond, saying that the fictional secret agent often ends his films fighting to stop a force from ending the world. "The tragedy is that this is not a movie and the doomsday device is real," he warned.

"Here in Glasgow the world is closer than it has ever been to signalling the beginning of the end of anthropogenic occurring climate change and it's the greatest gift we can possibly bestow on our children and our grandchildren and generations unborn," Johnson said.

Green Asian Voice

Let's go green

Solar Agriculture…. the new generation Farming

We don't want to melt the polar...so we should all use solar

UN Chief on Climate Change

"We are digging our own graves," Guterres said. "Our planet is changing before our eyes - from the ocean depths to mountaintops, from melting Glaciers to relentless extreme weather events." Moreover 2021 is a crucial year for climate change. The world is far from achieving agreed goals to reduce global warming in line with the Paris Agreement on Climate Change, the UN Chief warned to secure greater commitment for averting climate catastrophe.

While acknowledging progress made over the past year, including towards cutting Carbon emissions, it is not enough, he said "The world remains way off target in staying within the 1.5-degree limit of the Paris Agreement" Mr. Guterres told ambassadors. "This is why we need more ambition, more ambition on mitigation, ambition on adaptation and ambition on finance." Describing 2021 as "a crucial year in the fight against climate change", the Secretary-General looked to Member States to build on this momentum on the road to Glasgow. He said the global coalition to make net zero emissions a reality, needs to grow to cover more than 90 percent of all Carbon entering the atmosphere, underscoring a UN priority.

"We have a moral obligation to do much better, and with new and scaled up finance initiatives and instruments," the UN chief said. "Developed countries must meet their commitment made over ten years ago and reaffirmed in Paris, to mobilize $100 billion per year in climate finance to developing countries.

UN CHIEF @ COP 26

As commitments must be supported by clear and credible plans, he urged countries to provide adequate significantly more supportive contributions, as outlined in the parise agreement, adding "the major economies and members of the G20 must lead the way."

UN Secretary General said coal must be phased out by 2040, while financing for the sector, and for other fossil fuels, must instead be urgently redirected towards clean energy solutions. He also called for a breakthrough on adaptation and resilience, which urgently requires increasing support to vulnerable nations, including the world's least developed countries and small island developing states.

The Secretary General has directed UN officials worldwide to make offices available so that all countries can participate in virtual negotiations.

Green Asian Voice

Let's go green

We promote customised roof designs with solar panels

Solar roofing from us will surely make a difference

Prince Charles on Climate Change

Britain's Prince Charles on called for a "warlike" effort as he opened a key United Nations Climate Summit. "We have to put ourselves on what might be called a warlike footing," he said. Charles, long a passionate environmentalist, has in the past described the summit as a "last chance saloon."

"If working apart, we are a force powerful enough to destabilize the planet, then surely working together, we are powerful enough to save it." Britain's Prince Charles told the world leaders they need to "save our precious planet" and that "the eyes and hopes of the world are upon you."

Environmentalists and scientists have described the U.N. conference as the world's "last best hope" for nailing down commitments to limit the global rise in temperature to 1.5°C above the pre-industrial average, the hope is that countries can curb Carbon emissions enough to keep global warming as close to 1.5 degrees Celsius as possible.

Expanding on his point, Charles said emissions needed to be cut urgently and action taken to "tackle the Carbon already in the atmosphere, including from coal-fired power stations." COP26 is being hosted by the U.K. between Oct. 31 and Nov. 12. A lot is riding on the summit.

The U.K.'s official website for COP26 states it will "bring parties together to accelerate action towards the goals of the Paris Agreement and the UN Framework Convention on Climate Change."

PRINCE CHARLES @ COP 26

Prince Charles said at spoke at UN Climate Change Conference, that, I know you all carry a heavy burden on your shoulders and you do not need me to tell you that the eyes and hopes of the world are upon you to act with all dispatch and decisively, because time has quite literally run out, said Charles.

Prince Charles issued a plea to the representatives of over 200 countries to come together for creating a green environment that enables every sector of industry to take the action required.

As a longtime champion of environmentalism, he said that the solution to the threats of climate change is radically transforming our current polluted fossil fuel based economy to one that is genuinely renewable and sustainable. He also insisted to save our precious planet where the eyes and hopes of the world are upon you.

Solar power is clean, renewable and cost effective

100
FAQ - FREQUENTLY ASKED QUESTIONS

1. What is the aim of the Green Asian Voice Council as an Organization ?

Green Asian Voice Council, an international non profit Organisation aims to minimise the disasters of air pollution, in association with other related Organizations in the world especially with those associated with the same cause. As air pollution is a universal disaster which spreads beyond borders, the fight against this silent killer has to be concentrated globally to make a difference and we are aiming for the same.

By doing so we have a vision of saving millions of lives from the unwarranted death due to the disastrous effects of air pollution. We are actively trying to bring a change to the lives of billions who suffer from various chronic respiratory diseases like Lung Cancer and so on, especially the innocent kids below the age of five and our elderly dear ones above the age of sixty who are struggling to breathe properly due to the drastic effects of air pollution. We hope and pray that our dedicated efforts to promote a healthy green environment will be a reason to reduce the horrific effects of air pollution.

A Green Revolution to enable clean air to breathe will be our prime concern in the middle of rising pollution and devastating climate changes which is affecting our planet severely from all corners of the earth as horrific disasters and killing millions of people . As a part of fulfilling a clean, green and resilient world for all, we are encouraging sustainable transportation by promoting electric vehicles to remove air pollution resulting from the emissions of fuel powered vehicles and also solar houses to remove air pollution from coal firing power plants.

Apart from awareness programs about the disasters of air pollution we make sure that vital steps are taken for reducing air pollution to a great extent by implementing policies and activities that call for a sudden change which is done practically by our volunteers, thereby creating a thirst for the common man to go green in all possible aspects rather than the casual way of polluting the atmosphere by the daily acts which they followed from their childhood.

The greatest gift is not being afraid to question

2. What is the air pollution impact on premature deaths ?

The report by the Global Alliance on Health and Pollution found that air pollution to be the largest environmental cause of premature death on the planet, causing 15% of all deaths which accounts to more than 8.3 million people annually. According to the reports of a non-profit Health Effects Institute, millions of people die prematurely every year due to air pollution. Also according to the Delhi Heart and Lung Institute, over half a million children in the capital city of India suffer from abnormalities in their lung function.

Green Asian Voice Council is really committed to touch the hearts of these innocent people who are struggling to breathe and we are eager to take all possible steps for fighting against air pollution and reduce the volume of deaths which is happening in millions as a normal and regular phenomenon.

3. Will the emissions from diesel or petrol affect unborn children ?

Another shocking fact is that air pollution is the reason for a good percentage of miscarriage too which clearly indicates that even the unborn children are being affected. Exposure to high levels of air pollution increases risk of even miscarriage. Research carried out in London also found that 3% of low birth weight cases are directly linked to exposure to particulate matter in polluted air during pregnancy. Unborn babies are also being exposed to higher levels of highly concentrated toxic air. It's very shocking to understand that air pollution affects all categories of people, whether you are old, young or unborn.

This makes us feel that air pollution is the biggest problem the world is facing at present and a global remedy is desperately needed for the same to save the innocent little lives at least. This is a real fact because it's very difficult to find another disaster, calamity or disease similar to air pollution which affects people from all walks of life. Green Asian Voice Council strongly believes that air pollution is the most affected global problem which worsens day by day.

We the human race is immensely struggling because of air pollution. By reducing air pollution we will see fewer babies born at low birth weight, and fewer children suffering from asthma and neurodevel opmental problems such as lower IQ etc. Being exposed to air pollution in the womb can alter a baby's lung development. If your baby is exposed to excess of polluted air, it can also lead to premature birth and low birth weight.

Green Asian Voice
Let's go green
SAY NO
TO PLASTIC
BAGS
If you are fantastic then do something drastic to cut the plastic

4. Will the emissions from fuel powered vehicles affect children?

Many researches have revealed that diesel fumes could cause children to develop autism and schizophrenia. In 1999, lead in petrol was banned after scientists revealed that lead additives caused brain damage in children. The concerns over the fumes have been raised in a report by the World Health Organisation. The adverse health effects of diesel emissions on children is horrific because toxic fumes threaten our children.

Emissions from diesel can damage our children's brains. Breathing in Carbon monoxide fumes which is a colourless odourless gas produced by burning fuels is more poisonous to children. So it's high time that we have to join hands together and fight for our innocent children.

5. Which country has more number of deaths due to pollution ?

India leads the world in pollution linked deaths followed by China and Nigeria making it a global crisis. India and China lead in the number of air pollution deaths, with millions of deaths annually followed by Nigeria, Indonesia and Pakistan. India is a democratic country and it's very shocking to know that the government is not questioned at all regarding the measures taken for reducing air pollution.

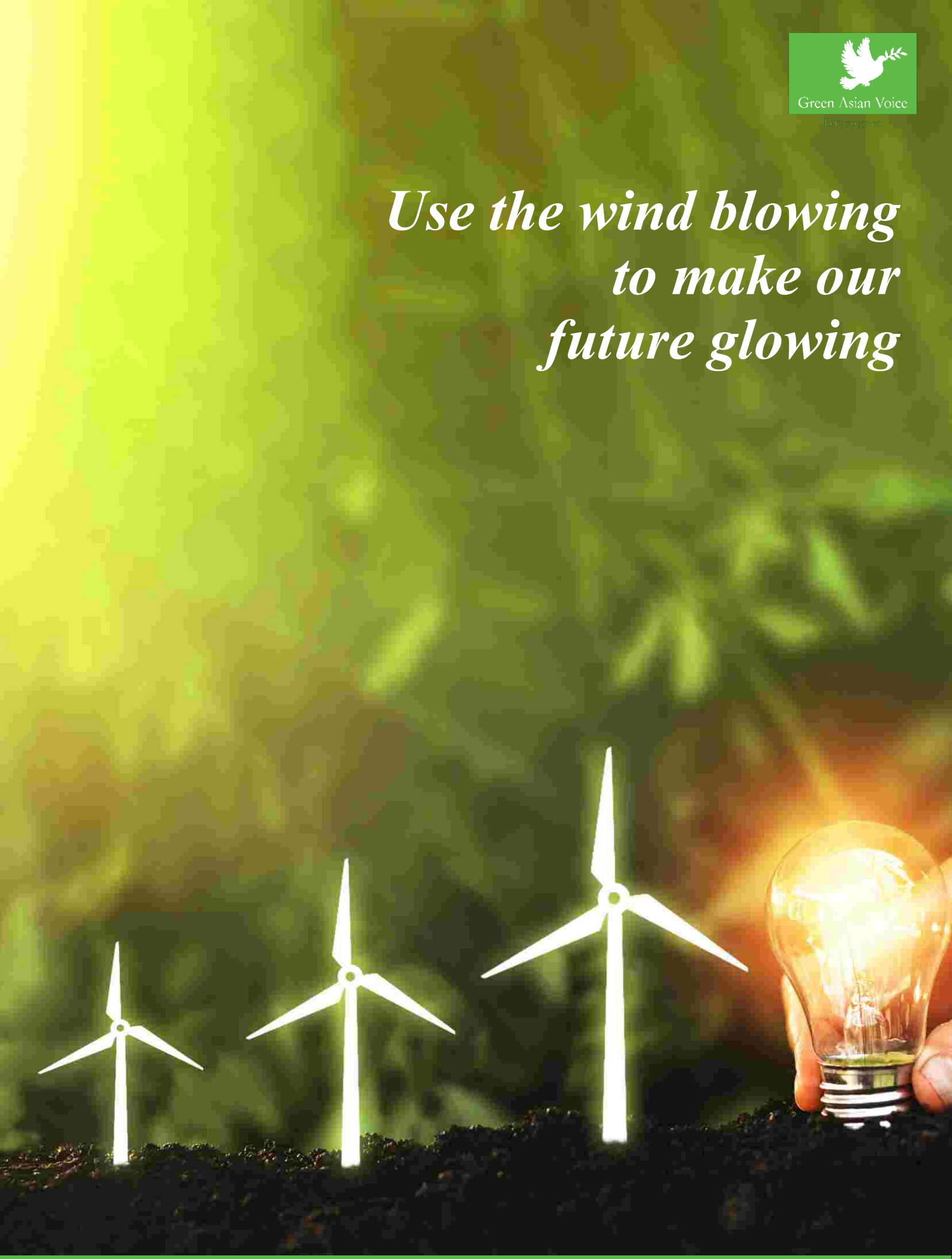
It clearly shows that whoever is in power only consider petrol and diesel as an easy way of collecting maximum taxes from the public but are in no way concerned about the disasters caused by the massive use of these fossil fuels resulting in polluting the air and thereby causing millions of deaths along with chronic diseases for billions. The root cause of air pollution is the exorbitant use of petrol, diesel, lack of very few solar thermal power plants, lack of proper machineries to remove agricultural wastes, absence of recycling units and the countries having the highest pollution rates will satisfy the above said usages in huge volumes.

Bangladesh which is one of the most polluted countries in the world has an average particulate matter 2.5 concentration of 77.1 micrograms per cubic meter of air in 2020. This was higher than Pakistan which is also one of the most polluted countries. Particulate matter 2.5 refers to fine particles that leads to maximum pollution related deaths. Major particulate matter 2.5 contributors include solid waste burning, vehicle emissions, and power plants.

Green Asian Voice

Let's go green

Use the wind blowing to make our future glowing



Wind mills …it's a wind win situation

6. How will Covid - 19 react with air pollution ?

According to a research from Harvard University, even a small increase in air pollution can make corona virus deadlier. The report, which awaits peer review, looked at air pollution and Covid - 19 deaths in 3,000 United States counties. The nationwide study concluded that just a single microgram per cubic meter increase in the common air pollutant can increase the death rate of Covid - 19 by 15%.

In many cases, Covid - 19 acts by infecting the respiratory tract. So it makes sense that respiratory systems, weakened by decades of exposure to poor air quality, could be left most vulnerable to the recent disaster of Covid - 19 disease. It's very clear that air pollution is like adding fuel to fire when the Covid - 19 attacks our respiratory system and in the worst situation kill us easily.

7. Is Air pollution killing more people than war and drugs?

India and China have seen increasing industrial and vehicular pollution from urban growth while poor sanitation and contaminated indoor air persist in low income communities. Air pollution is responsible for nearly 50% of all pollution related deaths, led by India, China and Pakistan. Global deaths linked to pollution just exceeded those from tobacco use, which stands at about 8 million, but greatly eclipsed deaths from Alcohol, Drugs, high Sodium diets, HIV, malaria, and war.

It's a fact that most of the governments knowingly promote slow poisons to their citizens like sugarcane sugar, fruits and vegetables cultivated out of poisonous pesticides, poisonous chemicals used in certain drinks and eatables, petrol, diesel, CNG gas and so on. Among all this, fossil fuels play a vital role in the massive destruction to both human life as well as the environment causing air pollution which results in climate change disasters globally.

The tiny, light, and inhalable pollutants can stay in the air for long periods of time and are a major risk to human health when concentrations are high. The secondary particles had the highest contribution to particle pollution during winter in Delhi. Secondary particles originate from sulfur dioxide and nitrogen dioxide emissions from vehicles, power plants, refineries etc. Delhi has often experienced severe levels of poor air quality in recent years even affecting the visibility of air which causes accidents, along with the struggle to breathe and the most difficult situation to travel.

Air pollution is 1000 times more problematic than Covid - 19 .

8. What is the WHO global death toll due to air pollution ?

According to WHO, air pollution kills an estimated 7 million people world wide every year and 4.2 million deaths due to ambient or outdoor air pollution. Almost all of the global population breathe air that exceeds WHO guideline limits containing high level of pollutants with low and middle income countries suffering from the highest exposures. As far as global health is concerned, there are not even 5% people in the world living in proper areas without air pollution. Air pollution, especially smog covering cities, poses a major threat to climate. The combined effects of ambient and house hold air pollution causes millions of premature deaths every year and increased mortality from Stroke, Heart disease, chronic Obstructive pulmonary disease, Lung cancer and acute respiratory infections.

9. Does air pollution cause Cancer?

Lung cancer is one of the most dangerous cancer's that has a higher death rate, in both men and women. When one thinks of factors that cause lung cancer, one immediately associates it with cigarette smoking. Overwhelming evidence shows that particle pollution in the outdoor air we breathe, which comes from vehicle exhaust, coal fired power plants and other industrial sources can also cause lung cancer. The nature of the exposure and associated measurement problems made ecologic comparisons a natural way to approach the study of air pollution and its effects on lung cancer risk. Particle pollution increases the risk of premature deaths, increasing short life span Heart disease, Asthma and it can also interfere with the growth and function of the Lungs.

The World Health Organization has confirmed the same and has given detailed evidence to prove that air pollution is one of the main reasons for the cause of lung cancer resulting from certain dangerous poisonous chemicals from the emissions of petrol and diesel fuels. The huge volume in more than thousands of billion litres of fuel consumption annually have made this chronic disease grow and seriously affect millions of people in many countries. A study of the International Agency for Research and Cancer has determined that there is enough evidence to say that outdoor air pollution can cause cancer in people Apart from lung cancer air pollution is associated with increased risk of mortality for several types of cancer, including breast , liver and pancreatic cancer. This mainly happens due to the long term exposure to ambient fine particulate matter and a mixture of environmental pollutants that come mainly from transportation and coal firing power generation.

Green Asian Voice

Let's go green

Our environment around us is our life, always add greenery to it

10. What is Particle pollution in relation to human diseases ?

The World Health Organization evaluated the concentration of fine particulate matter which is the tiny particles to determine the most polluted place on earth. Particle pollution is a mix of tiny solid and liquid particles in the air and can be made up of a number of components, such as acids, organic chemicals, metals, soil and dust particles. It can be emitted directly from forest fires, exhaust from vehicles and other sources, and it can also form from other types of pollution that come from the generation of power, using coal.

These particles are a tiny fraction of the diameter of a human hair and very smaller than a grain of sand. While breathing in larger sizes of particle pollution can be harmful to our health, smaller particles are even more dangerous. Bigger particles can irritate your eyes, nose and throat, but our natural defences help us to cough or sneeze them out of our bodies. Unfortunately, those defences don't keep out smaller particles, which get trapped deep in the lungs and can even get into the bloodstream, causing damage to our health. It's the most dangerous aspect in air pollution because these tiniest particles make suffering due to air pollution most critical because it's one of the key factors of respiratory problems and in fact one of the reasons for most of the deaths due to air pollution.

11. How do we know Particle pollution causes lung cancer?

The World Health Organization and International Agency for Research on Cancer looked at all the available research and concluded that particulate matter causes lung cancer. An 8 year old girl in China was diagnosed with lung cancer, becoming China's youngest lung cancer patient. Her doctor proved to the concerned authorities that the particular lung cancer of the child was due to air pollution. Levels of exposure to air pollution have increased significantly in some parts of the world, mostly in low and middle income countries with large populations. Most of the Asian countries including China, India, Pakistan and Bangladesh are leading the world in pollution.

The transport and basic needs of citizens will automatically lead to an explosive increase in air pollution, even spreading across the neighbouring countries. We recognize this and try our best in concentrating more on these most polluted countries and its a real fact that air pollution is undoubtedly the greatest disaster in the world.

If not now, climate emergency will have unsolvable consequences

12. How do we protect ourselves from particle pollution?

Check the air quality index forecast for the day and limit your activity if pollution levels are high. Avoid exercising along heavily travelled highways regardless of the overall forecast. As individuals, we can take steps to limit our contributions to local pollution sources by not burning wood or trash and not using vehicles with diesel and petrol engines. We can reduce emissions by using solar power plants instead of coal utilizing power plants and refrain from using retired, rusty engines and replace them with electric vehicles at the earliest.

Many areas in the world have too much carcinogenic substances in the air they breathe. It's our social responsibility to convey that the message of this global disaster; air pollution, seriously affects us and our dear ones to a very great extent, in addition to disasters caused to our environment. Please understand that this is a reality and the consequences of the disasters caused by air pollution are so huge that it seriously affects our children, parents, grandparents and even a child who is going to be born.

13. Who suffers more due to this disaster of air pollution?

People living in areas with high particle pollution are at risk of facing health problems, caused by it. Certain groups are at higher risks, which include children, the elderly, people with existing lung problems, heart disease and Diabetes, people with low incomes and people who work or exercise outdoors. Epidemiologic evidence on the relation between ambient air pollution exposure and cancer is reviewed by the well documented urban and rural difference in lung cancer incidents.

Therefore, let us join hands in impactfully terminating this murderous calamity called air pollution which mercilessly causes havoc on human population across the globe. If we are to ponder on this question wisely, then we realise how selfish and ignorant our Governments and World leaders are, as even after being a direct victim of this calamity, they still fail to work on it or for even changing its hazardous impact on all of us.So as a matter of fact each and every human being in this universe will be affected by the disasters if air pollution. Apart from human beings all the species including the planet as a whole will have a threat to its existence which is unbelievable but a real fact which has started to prove its point in the recent times. Actually it's everyone, everything and every where, which is affected by air pollution including unborn children and our planet as a whole.

Green Asian Voice

Let's go green

Life is all about taking chances when it really matters the most

14. What is the percentage of diseases caused by air pollution?

Air pollution is the presence of harmful substances or contaminants in the natural environment that causes adverse effects. Air pollution which not only hurts the planet, but is also harmful to humans is caused by the burning of fossil fuels in factories, vehicles, air planes, ships and dangerous electricity production coal firing methods. They are causing health issues such as breathing problems, worsening of asthma, birth defects and even miscarriage.

Toxic pollution is among the leading risk factors for non communicable diseases globally. Non communicable diseases account for 72% of all deaths, 16% of which are caused by toxic pollution. Toxic pollution is responsible for 22% of all Cardiovascular disease, 25% of Stroke deaths, 40% of Lung cancer deaths and 53% of deaths from chronic Obstructive Pulmonary disease.

15. Will air pollution cause heart attacks ?

A study has found that exposure to ultrafine particles of pollution may be a trigger for heart attacks. The research demonstrated that 6 hours after exposure to this type of pollution, there will be an increase of 3–6% in nonfatal heart attacks. Pollution is all around us, and there is a clear link between air pollution and various health conditions, with children particularly susceptible to harm. According to the World Health Organization, pollution causes one third of all deaths from stroke, lung cancer, and heart disease which is really shocking and not even seen as debated anywhere.

Ultra fine particles are of particular interest to researchers with evidence that they might be key to the negative health impacts of pollution, particularly in respiratory health. The reason is their very small size, their large surface area relative to their mass, and their ability to enter the bloodstream. In urban areas, the combustion of petrol or diesel in vehicles with their exhaust fumes entering the surrounding environment is the predominant source of ultra fine particles.

To determine the relationship between ultra fine particles and nonfatal heart attacks, the researchers looked at the data from air pollution monitoring sites in the city. The researchers found that there was a correlation between increased ultra tiny particles and the rate of nonfatal heart attacks, particularly in the first few hours following the increase in particles. This increase in heart attacks ranged from just over 3% to almost 6%, depending on how they measured the particles.

Green Asian Voice

Let's go green

Saving Your Earth... Saves You Too

Raise your voice against every act of harming the earth.

16. How is sugarcane sugar linked with diseases by air pollution ?

Sugarcane sugar is considered as a sweet poison or white poison but to be more perfect , it can be termed as a slow poison because the glycemic index is so high for sugarcane sugar that it will be one of the main reasons of being diabetic very easily and early. if you are diabetic, then it is like adding more fuel to fire, as it causes the diseases caused by pollution more chronic. It's always better to use coconut sugar sweetener which is the most healthy because of the very low glycemic index which is actually needed for the human body for the effective functioning of pancreas and so on. Huge volume of extra glucose consumed by us from our young age for about 40 years will automatically end in possible diabetics and a gateway to other related diseases.

Coconut sugar is so healthy that its syrup is actually a tonic for improving the intelligence of children and further you feel and look much younger if you regularly consume coconut sugar from your young ages. Although it's expensive you can save this cost of coconut sugar from the amount you spend for your health problems in the future. It's available in most of the online shops, especially Amazon. We as an Organization are promoting Coconut sugar because we want to reduce the intensity of diseases affected by air pollution, thereby saving precious lives.

17. Is air pollution a critical health risk worldwide ?

The World Health Organization has stated recently that air pollution is a silent health emergency where approximately 7 million premature deaths happen annually due to air pollution only. Apart from causing severe respiratory diseases like Lung cancers and so on, air pollution negatively impacts our day to day lives, especially children who are more vulnerable because of their childhood exposure to polluted air. The impact of this intense pollution during the early stages of lung development can cause persistent damage to Lungs, even causing reduced Lung capacity for life.

Our Organisation is keenly working towards curbing this disaster and is fully committed in implementing all possible measures for bringing this disaster to an end. As the world gets hotter and more crowded, our engines continue to pump out malign emissions, and half the world has no access to clean fuels or technologies. Today nine out of ten people breathe excessively polluted air, which is the primary cause of the atrocious murderous killing of 7 million people every year.

Green Asian Voice

Let's go green!

Going green is a commitment to a sustainable lifestyle

18. Any chemicals from fuel powered vehicles cause pollution ?

Black Carbon which is also known as soot is a component of fine Particulate matter and a real air pollutant that is most harmful to human health, which is the primary reason for pollutant induced mortality. Fossil fuels emit particulate matter as well as Carbon dioxide, Nitrogen dioxide, Nitric oxide, mercury, Sulphur dioxide, Carbon monoxide, Unburned Hydro Carbons, volatile organic compounds, Ozone, Chlorofluoro Carbons, Lead and heavy metals into the air.

Air pollution particularly due to fuel powered vehicles is increasingly becoming one of the main causes for respiratory and cardiovascular illnesses. The vapours given off when gasoline evaporates and the above substances produced when gasoline is burning contributes to air pollution. When inhaled, Ozone can damage the lungs. Relatively low amounts of ozone can cause chest pain, coughing, shortness of breath, throat irritation and all this helps the Covid - 19 to attack us more easily.

19. How can severe air pollution reduce visibility ?

Tiny particles or droplets of few microns in size, is an air pollutant that is a concern for people's health when levels in the air are high. These particles reduce visibility and make the air appear hazy when levels are elevated. There is a link between Air pollution and Irreversible Vision loss.

Air pollution could cloud your vision in later life due to the link between fine particle air pollution and muscular degeneration that can lead to irreversible blindness. Visibility reduction is probably the most apparent symptom of air pollution. Visibility degradation is caused by the absorption and scattering of light by particles and gases in the atmosphere before it reaches the observer.

The eye is vulnerable to air pollution. Manifestations of air pollution can range from minimal or no symptoms to chronic discomfort and eye irritation. Human eyes are sensitive and prone to irritations from allergies, chemicals and pollutants in the air. Particulate matter pollution is the major cause of reduced visibility which is haze and some haze causing particles are directly emitted into the air. There is a saying that value of eyesight can be recognised only after it is affected and becomes blind. So air pollution touches every aspect that leads to maximum disasters possible and now as we are aware of it, lets join the Green Revolution Movement of Green Asian Voice to fight against the same..

Green Asian Voice

Plastics give a helping hand but they pollute our land

20. What is "Air Quality Index"?

The Air Quality Index is an index calculated for major air pollutants regulated by the Clean Air Act which is particle pollution, ground level Ozone, Carbon monoxide, and sulfur dioxide. The AQI ranges from 0 to 500, with zero representing clean air and 500 being the most hazardous. Values of 100 or below are generally thought of as satisfactory, however when values are above 100, air quality is considered to be unhealthy for certain at-risk groups of people and becomes more unsafe as the value increases.

The current levels of air pollution in the Indian capital NewDelhi is particularly dangerous because of the presence of tiny particulate matter referred to as PM 2.5 eventually climbing normally to around 600 micrograms per cubic meter, which is considered hazardous to breathe according to a data of Delhi Pollution Control Committee. These particles are so minute that they are many times smaller than the diameter of a strand of human air. Now the recent Covid - 19 pandemic has taught us that the smaller the particles or virus, the more will be the impact on human life through serious damages in the respiratory process.

Most of the towns and cities suffer from the tragic effects of air pollution caused by comparatively smaller contributions from unclean engines in transportation, especially diesel powered vehicles including trucks and two stroke engines of two and three wheelers in plenty.

21. What is the World Bank contribution to reduce air pollution ?

The challenge for the World Bank is to carry this narrative of air pollution throughout client nations. With a few exceptions, air quality management throughout the developing world has been delegated to weak or underfunded environment ministries lacking the power to mandate the broad based changes required to adequately combat air pollution. These changes are primarily the introduction of electric vehicles mainly in order to phase out obsolete engines.

A resolution on air quality by the WHO poses an intriguing opportunity for the World Bank to open new dialogues with health ministries. Comparatively better funded health ministries have carried out sanitation and hygiene campaigns that have been highly successful in reducing morbidity and mortality due to environmental risk factors. In the wake of this resolution, there will be an increased appetite for clean air programs in the list of top development priorities.

Green Asian Voice

Let's go green

We will all scream to go green for avoiding your endless screaming

22. What is the financial assistance you get to do this project ?

We as a non profitable Organization mainly depend on donations from people engaged in all walks of life, especially from those who are socially committed enough to understand that this global disaster results in the tragic death of millions and also the struggling billions suffering from chronic respiratory and other diseases. We are also depending on the concerned state and central Government departments to understand the fruitfulness of the project and help us financially or otherwise.

We will be having thousands of volunteers in a particular state to convince the people about the serious consequences of air pollution and also organize fundraising programs to contribute for this noble cause as donations. Our main target is the private and public limited companies who can contribute a small percentage of their corporate social responsibility funds kept for charitable activities. We have a well planned strategy to convince a good number of companies, that fighting against air pollution is the real need of the day. Moreover, associations with thousands of charitable Organisations especially with those NGOs working for the same cause to promote a healthy green environment.

23. How are the donations used fruitfully by the Organisation ?

Donations from various sources can be used to help us accomplish our project . It's used for organising more awareness programs and promotional events to convince the seriousness and disasters of air pollution. As a result more seminars will be conducted to categorically establish that transportation sector accounts to more than 50% pollution and thereby convince the people about the disadvantages of using fuel powered vehicles and the huge advantages of electric vehicles. Donations will be mainly used for guaranteeing a particular amount every month for online cab operations by using donations to meet any unexpected incidents like , lockdown, accidents etc.in the course of online cab operations. We establish maximum charging stations to charge the batteries of electric vehicles. To avoid pollution fromCoal firing power plants, solar panels will be promoted in more subsidised rates and customised roofing designs. We promote pollution free hydrogen powered vehicles and also finding global investors for Hydrogen powered Ships which will reduce huge pollution in transportation sector. One of the biggest solutions to get rid of Carbon emissions is the Mangrove plantations and the concerned Governments will also be given proper awareness about the same.

Solar energy is today's resource for a brighter tomorrow

24. Will the part of donations be used for electric vehicle promotions ?

In the case of electric vehicles there is a program of promoting the same by giving the registered owner of an electric four wheeler, an opportunity to enjoy maximum returns without knowing the hurdles involved in an online electric Cab operation. Good part of donations received is used for this project because millions of four wheelers running on petrol and diesel have to be converted to electric vehicles as an initial move to fight against air pollution. Huge operational expenses are expected in this process but the registered owners are free from all these hurdles because the donations cover the entire unexpected expenses and provide maximum strength for the process of promoting electric vehicles.

25. What is a Corporate Social Responsibility fund ?

Corporate Social Responsibility fund or the CSR fund is an amount which can be contributed to charitable Organizations by the corporate companies in India. The CSR fund is the funding and grants process under which non profit Organisations can get financial and other support from the corporate sector. Under the Companies Act, 2013 its a mandatory provision to provide a contribution of at least 2% of the average net profits of companies for charitable activities.

· The CSR funds are one of the strong pillars that hold any non-profit Organization. We therefore, train our volunteers to enlighten such Corporate Organizations about their social responsibility in curbing this disaster. Air pollution affects most of the people from all walks of life including our innocent children, our parents, our grandparents, even a child who is going to be born. Air pollution results in serious climate changes that increases sea level and causing much more disasters. Thus, our volunteers are determined in educating and convincing, such successful corporate companies about their individual and social responsibility of saving our planet from the havoc of air pollution, by happily contributing/donating their bit to our service.

Today, India holds the position of the very first country in the world to have made Corporate Social Responsibility mandatory, post the Amendment of the Companies Act, 2013. By virtue of this, businesses are allowed to invest part of the profits earned by them in fields such as education, gender equality, poverty and hunger, health sector etc as a crucial part of any CSR compliance.

Even the aged people are in streets to be a part of the climate rally's

26. How do NPOs get their funding to fight for noble causes ?

As non-profit Organizations, they rely on a variety of sources for funding to implement their projects, operations, salaries and other overhead costs because the annual budget of a charitable Organization can be in the hundreds of millions or even billions of dollars. Fundraising efforts are important for the NGO's existence and success. Funding sources include membership dues, the sale of goods and services, private sector for profit companies, philanthropic foundations, grants from local, state and federal agencies, and private donations.

We welcome you to associate with us by your most valuable contributions to fight against this global disaster of air pollution and please don't be selfish enough to think that this pollutant will not affect you but the fact, air pollution is the possible factor that affect your children, your parents, your grandparents and above all a child who is going to be born too. It may be hurting you but it's the fact and don't ever think that you are late to react, it's always better late than never.

27. Why is the Government less worried about air pollution ?

The Government uses petrol and diesel as an easy method to collect maximum taxes from the people. Actually those people dying due to air pollution are sacrificing their lives for the forceful survival of their country as the Government feels that there is no other alternative to get maximum taxes but to sell this poison, because the main income of the Government is the tax revenue to feed the people of the state, which is received from consumption of oil.

· Premature death of billions annually and disease stricken life of billion is the atrocious doing of the disaster called air pollution. Asian countries are at the forefront of bearing and causing pollution at the highest and even the smallest steps taken by them cause biggest of changes, for example, China has made 10% of their vehicles electric, and it is reported that due to this step death rates in the country relating to air pollution have reduced considerably. Certainly these are baby steps into the future revolution. We have changes in the current statistics of increasing pollution and its causes. Therefore, we believe that it the responsibility of smart individuals and Governments to promote our initiatives of promoting electric vehicles, giving consistent income to electric Cab owners, and fleet operators, charging stations by the donated funds.

Be cute but don't be a reason to pollute

28. How can we regain our health which is our real wealth ?

Health is considered as wealth. Naturally if people are more healthy, they will be able to give their maximum output and earn a better living for their family which automatically removes poverty to a great extent. Here the common man spends most of his time in hospital where any one of the family members will always be ill. Air pollution is the cause of many of the diseases which welcome poverty to the country. Clean air will become a poverty reduction measure and many parts of the development community have positively embraced the following narrative seeing the disasters arising out of air pollution. So by fighting against this global disaster, we can regain our health which is our real wealth.

· It is important that every citizen of every country takes this oath in the patriotic interest of their country, that their next or first vehicle two wheeler or four wheeler will be an electric vehicle. This small step will help us win the battle against air pollution massively. It's not only the electric vehicles but also a decision by the citizens to use solar panels, especially solar roofing to generate electricity for their houses will be another giant step towards fighting against this disaster followed by making a promise that burning of agricultural and other wastes will not be done at any cost.

29. How can removing poverty make a better clean air ?

When nations are young and poor, they are willing to sacrifice natural resources by Polluting their water and their air to promote economic growth and meet their population's basic needs. They continue the frequent use of very old worn out diesel engines without caring about the pollution it generates in our environment. Once these nations achieve a certain level of wealth, they become less concerned with accumulating material goods and more concerned with quality of life issues. Only at that point are they willing to spend money or sacrifice growth for benefits like clean air.

However, recently the World Health Organization's governing body passed a resolution that the health impacts of air pollution caused more than 7 million deaths each year and urged its members to implement interventions for improving indoor and outdoor air quality. We entertain maximum people to start online Cab operations by electric vehicles which will automatically save the life of millions from the effect of air pollution and also for removing poverty to a very great extent by creating new jobs in the green investment sector.

Small acts multiplied by millions will transform the world

30. What are the contributions made by WHO in reducing air Pollution?

World Health Organization's actions symbolize a radical shift in the narrative surrounding air quality management with the focus on health impacts. Policy makers are moving away from clean air as a luxury and embracing the idea that clean air is a necessary part of poverty reduction and economic growth. There is a growing realization among policy makers that issues of air quality management are not merely aesthetic. Rather, air quality management is about mothers' cut down in the prime of their lives because of years spent inhaling the vapors from solid fuel cooking fires and vehicle exhaust.

The Qorld Health Organization can help us by giving proper analysis about approximate data and a proper warning about the disasters resulting from air pollution. It's the duty of non profit Organisations like us to fight for this noble cause and be a reason to bring about a change in the present situation of disastrous deaths due to air pollution and adopt all possible measures to reduce the same.

31. How does air pollution affect the economy of a country ?

Losing health automatically reduces wealth. Air quality management is also about children who miss school, ending up illiterate or poorly educated, because of chronic respiratory ailments caused by ancient, inefficient diesel trucks and cabs using dangerous petrol and diesel fuels. Furthermore, air quality management is about the tens of billions of dollars lost every year due to illness and death attributable to the inhalation of Particulate matter. In addition to causing pain and suffering, these illnesses have huge economic costs which affect the GDP of a country to a very great extent.

Once the consequences for human health and economic productivity are considered, air quality is no longer something that can be sacrificed in pursuit of growth, instead, air quality is then seen for what it really is, a significant component of public health intervention needed to create a healthy and productive workforce. Burning gas, coal and oil results in three times as many deaths as road traffic accidents worldwide and it is estimated that air pollution has 2.9 trillion dollars economic cost equating to more than 3.3 % of world GDP. It can have an impact on the economy in many forms such as higher rates of asthma , diabetes or chronic respiratory diseases leading to reduced ability to work and lower participation in the labor force. For these and more vital reasons we strongly believe that air pollution is the biggest disaster the world is facing at present.

It's better to clap for a better climate before it slaps us

32. Are India and Pakistan neighbours to air pollution also ?

The second most polluted country in the world is Pakistan, which is experiencing rising pollution from the growing number of fuel powered vehicles on the roads, lack of electric or Hydrogen powered vehicles, large scale losses of trees, smoke from brick kilns, steel mills, the burning of garbage etc. The Pakistan minister for climate change blamed India for Pakistan's smog however, Pakistani citizens blame their Government for simply not doing enough to monitor or combat the crisis.

India is the third most polluted country in the world. India's unhealthy levels of pollution are from sources such as vehicles, the burning of coal and wood, dust storms, forest fires etc. Delhi, India's capital, is notorious for some of the worst air in India, forcing flight cancellations, causing traffic accidents, closing of schools and so on. Although India ranks third in the level of pollution, it ranks first in the case of deaths arising out of air pollution.

33. Which is the most polluted city in India ?

India continues to feature prominently at the top of the most polluted cities ranking with 22 of the worlds most polluted cities, all being in India. Ghaziabad in Uttar Pradesh is the most polluted city in India and second most polluted city in the world after Hotan in China.

The next 13 ranks were also held by cities in India, Bulandshahr, Bisrakh Jalalpur, both in Uttar Pradesh, Bhiwadi in Rajasthan, Noida, Greater Noida, Kanpur, Lucknow also in UP, Delhi, Faridabad in Haryana, Meerut also in UP, Jind, Hisar in Haryana, Agra, Muzaffarnagar in UP, Fatehabad, Bandhwari , Gurugram , Yamuna Nagar, Rohtak in Haryana, Muzaffarpur UP, and Dharuhera in Haryana. Kashgar, also in China, is ranked 15. Manikganj in Bangladesh follows in 16th rank. Other foreign cities that made it to the list were Lahore and Bahawalpur in Pakistan, in the 18th and 19th rank, Dhaka in Bangladesh ranking 23, South Tangerang in Indonesia in the 25th spot.

Levels of ultra fine Particulate matter with diameter less than 2.5 micrometres are recorded in the entire Indo-Gangetic Plains, which is produced from vehicles pollution, industrial emissions, construction and open burning are complemented by external contributors such as stubble burning and the unfavourable weather conditions, leading to the accumulation of pollutants closer to the surface. It's a do or die situation where a sudden intervention is required to make a change.

Love is what you give for others and not always take from them

34. Which is the most polluted country in the world ?

China, the world's most populated country, has become a serious danger to the planet. In just five provinces, which host most of these industries and millions of diesel and petrol vehicles, more Carbon dioxide is emitted than in any other country in the world. As a consequence, Beijing has experienced constant red alerts for environmental pollution in recent years.

It's natural that the population is so high that their basic needs will automatically pop up the pollution aspect but it's high time that the most valuable steps have to be taken at the earliest to prevent the loss of millions of lives and also the huge number of people who are falling ill due to several diseases arising out air pollution. Due to the lockdown in the middle of the Covid - 19 pandemic, millions of lives were saved globally due to absence of rushy transport and closed down factories which clearly proves the effect of air pollution on humans.

35. Which is the most polluted city in the world ?

The report is prepared by Swiss Organisation, IQAir, in the form of the 'World Air Quality Report, 2020', which has been released globally. As per the report, the top most polluted city is Xinjiang in China followed by nine Indian cities. Ghaziabad is the second most polluted city in the world followed by Bulandshahr, Bisrakh Jalalpur, Noida, Greater Noida, Kanpur, Lucknow and Bhiwari.

Twenty-two of the world's 30 most polluted cities are in India, with Delhi being ranked as the most polluted capital city globally. The global cities ranking report is based on ultrafine Particulate matter with diameter less than 2.5 data from 106 countries, which is measured by ground-based monitoring stations, most of which are operated by government agencies.

Major sources of India's air pollution include transportation, biomass burning for cooking, electricity generation, industry, construction, waste burning and episodic agricultural burning etc. The transportation sector is one of the major contributors to India's leading Particulate matter 2.5 emission sources across cities. This is very shocking and pathetic because India is leading the world with most number of deaths due to air pollution and moreover many cities are among the most polluted cities in the world, We take it as a challenge to do all possible efforts to reduce air pollution and we humbly request you to please join us in the fight against air pollution.

Modern technology owes ecology an apology

36. How does air pollution cause climate changes ?

Air pollution and climate change are closely related to each other because the main cause of air pollution is the exhaust of Carbon emissions, mainly due to the burning of fossil fuels, which leads to climate change by affecting the amount of incoming sunlight that is reflected or absorbed by the atmosphere with some pollutants warming and others cooling the earth. These short lived climate forcing pollutants include Methane, black Carbon, ground level Ozone and sulfate aerosols which have significant impacts on climate are the top contributors of global warming after Carbon dioxide

Around a quarter of Carbon dioxide emissions that human activity generates each year is absorbed by the oceans amounting to billions of tons. Global warming leads to rise in sea level because when the ocean absorbs maximum carbon dioxide and becomes more hotter, the seawater loses the Oxygen content and naturally the water becomes acidic which is really dangerous as it affects the normal evaporation process and result in disasters of heavy Floods, Earthquakes, Tsunami, drought etc.

37. What actions are being taken globally to reduce air pollution ?

On December 12, 2015, most of the countries adopted an international contract called Paris agreement to address the global disaster of climate change that requires deeper emissions reduction commitments from all countries which are developed and on the path of developing. It brings us much closer to a more safer climate trajectory and creates an ambitious path forward for decades to come.

Many countries have joined hands together to take steps against this noble cause of fighting air pollution. Over the last few decades, energy and pollution control policies combined with structural changes in the economy decoupled emission trends from economic growth, increasingly in the developing world. Effective implementation of the presently decided national pollution control regulations should allow further economic growth without major deterioration of ambient air quality, but will not be enough to reduce pollution levels in many regions of the world. A combination of ambitious policies focusing on pollution controls, energy and climate, agricultural production systems, addressing human consumption habits, electrification of the transportation sector, electricity from solar energies could drastically improve air quality throughout the world.

Green Asian Voice

Let's go green

Air pollution is not a joke, it will make you choke

38. How many countries join the Paris Agreement ?

The Paris Agreement on climate change is a development agenda where the world unites to fight climate change together for bringing about a healthy green environment by the respective Governments taking all possible steps to impose new strategies and developments which does not hinder the green policies agreed upon by each other. Almost 190 countries joined hands with the signing of the Paris Agreement on climate change pact.

The Paris Agreement is an agreement within the United Nations Framework Convention on Climate Change, dealing with greenhouse gas emissions mitigation, adaptation, and finance. At least we have to appreciate this move by nearly 190 countries uniting together for the same social cause and it also shows the intensity of this disaster which has been accepted together by all these countries and uniting themselves to find remedy for the same.

We as an international non profit Organization stand committed to do all possible measures for supporting this unity for the noble cause of fighting against air pollution resulting in climate changes.

39. How does the Paris Agreement help the environment?

The Paris Agreement sets out a global framework to avoid dangerous climate change disasters by limiting global warming to well below 2°C and pursuing efforts to limit it to 1.5°C. It also aims to strengthen countries' ability to deal with the impacts of climate change and support them in their efforts. There is no doubt that this agreement will be a milestone to take necessary steps together without global boundaries because these climate changes leading to natural calamities do not happen to a particular country alone but universally.

For example climate change automatically leads to rise in sea level because the sea becoming hotter will automatically lose the Oxygen content in the sea water and it becomes more acidic which changes the whole evaporation process and so on which leads to natural disasters that affects globally and not for a particular place. Most of the big cities situated on the sea shore will be automatically under water if there is a considerable increase in sea level due to climate changes resulting from air pollution. The world has now realised that air pollution is an universal disaster and Paris agreement is the good example for that, as nearly 200 countries have joined together to fight against it

Green Asian Voice
Let's go green

Humans cut trees, make paper and write save trees on it

40. Which countries have not ratified the Paris agreement ?

More than four years after the Paris Agreement was adopted, eight of 197 signatories have not formally backed the deal. Turkey and four large oil exporting nations are among eight countries that have not yet signed the 2015 Paris climate agreement. Kyrgyzstan and Lebanon ratified in February 2020, meaning the deal has been signed by nearly 187 countries. It's crystal clear that the countries which backed out produce maximum oil and transport it across the globe. Fearing about their future losses, they chose to back off from this historic agreement. Iran, Iraq, Angola and Libya are all among the 14 member Organization of petroleum exporting countries and states torn by conflicts such as Yemen and South Sudan have not ratified the agreement.

These countries which have not cooperated for the Paris agreement clearly show that they are not ready to comply with the terms and conditions of the agreement rather than be much more motivated as a joined force to produce maximum oil possible from their resources and distribute to each and every country in the world. They are least worried about the dangerous effects of fossil fuels because these Governments are finding it difficult to find an alternative income for their countries through technology, agriculture, real estate and so on.

41. What is the unity in reducing the volume of Carbon emissions?

The signing of the Paris agreement itself among the 190 countries proves the unity in reducing Carbon emissions. The eight countries yet to ratify the Paris agreement account for about 4% of global greenhouse gas emissions and the United States of America is the second largest emitter after China, accounting for more than 13%. This clearly shows that unity among the developing countries and the developed countries is so important to restrict the disastrous effects of climate change. The root cause of all these disasters is the air pollution factor and this has to be taken into consideration desperately by the global leaders.

As we know that air pollution is the basis of all these disasters, we are concentrating more on this aspect and taking all possible steps upon our limitations and trying to save the innocents in the world affected by air pollution.

A big salute to the youngest climate activist, Greta Thunberg

42. What is the role of Greta Thunberg in fighting climate change ?

Greta Thunberg, born on 3rd january 2003 is a swedish environmental activist who has gained international recognition for promoting the view that humanity is facing an inexpressible crisis arising from climate change. She is known for her bold and straight forward appeal to political leaders and the public in which she criticises world leaders for their failure to take sufficient action to address the climate change crisis.

Greta started spending her school days outside the Swedish parliament to call for stronger action on climate change by holding sign boards that said, school strike for climate. Soon, other students engaged in similar protests in their own communities. Together, they organised a school climate strike movement under the name, Fridays for Future. After Thunberg addressed the 2018 United Nations Climate Change Conference, student strikes began to take place in most of the countries.

In 2019, there were multiple coordinated multi-city protests involving millions of students and she attended the 2019 UN Climate Action Summit where she exclaimed, "how dare you". This was widely taken up by the press and further incorporated into music. Her sudden rise to world fame has made her both a leader and a target for critics where her influence on the world stage has been described by many newspapers as the, Greta effect.

She has also received numerous honours and awards including 100 most influential people recognized by Time magazine and the youngest Time person of the year. She was also included in the Forbes list of 100 most powerful women and two consecutive nominations for the Nobel Peace Prize. She has also received the honorary fellowship of the Royal Scottish Geographical Society and many more high profile awards for the exceptional teenage climate activist. All these awards of recognition clearly show the gravity and seriousness of the topic she addresses which is climate change resulting from air pollution.

Greta speaks unapologetically and truthfully about the threat of climate change. Too many people moderate what they say, and Greta's ability to state the science and its implications without spin regardless of whether she's speaking to another 16 year old or a world leader is exactly what we need.

Give respect and take respect from earth, don't neglect it.

43. Why was the Eiffel Tower illuminated in green ?

The Eiffel Tower in Paris was illuminated in green to celebrate the entry into force of the Paris Agreement, the most ambitious climate change agreement in history. This was an indication of the golden steps taken jointly by most of the nation's across the world to promote a green environment, avoid maximum Carbon emissions and reduce air pollution to the maximum. Green Asian Voice Council is really overjoyed to see and get motivated by such events which reduce air pollution but we have to take more quick steps to avoid our planet from becoming hotter and hotter, day by day due to the poisonous emissions which are on the increase.

44. What are your initial steps to promote electric vehicles ?

Our initial aim is to replace the millions of diesel online Cabs which have increased to a great extent in the last decade. In India itself there are more than 2 million online Cabs which have risen within the past decade itself and we make sure that this does not repeat in the next decade with diesel vehicles but with the replacement of electric vehicles. Replacement of diesel online cabs are done initially because these vehicles exhaust more dangerous emissions than private vehicles due to continuous trips with depreciating diesel engines during day and night.

By doing so the private vehicle segment will also automatically switch on to electric vehicles. To promote this social cause we are also planning to increase charging infrastructure for electric vehicles from our side, apart from the respective government promotions for the same.

45. How will the Organization plan to replace diesel Cabs initially ?

Even the Supreme Court of India had banned diesel Cabs in the Indian capital state for a certain period because of the increasing air pollution in Delhi. Hundreds of thousands of fuel powered vehicles and the burning of agricultural waste in the neighbouring states have made New Delhi the most polluted capital city in the world. We are creating awareness among the diesel Cab owners about the huge savings of electric vehicles and also introducing fleet operational support for electric online Cabs to promote the same. This will enable participation of people from all walks of life to join the fight against air pollution. Electric vehicle promotion and awareness programs helps to convince the socially marginalized sectors to buy electric vehicles for operating as an online Cab.

Green Asian Voice

Let's go green

Human activities are breaking and cracking the earth

46 . Why are the Governments relying on fuel powered vehicles ?

This is a larger part of the conspiracy because the respective state and the central Governments get an opportunity to collect excessive tax from public in the lieu of petrol and diesel. Actually the billing price of Indian oil corporations to petrol bunks in India is less than half a dollar per litre but it is sold for more than a dollar which shows the huge volume of tax collected from every single litre of petrol and diesel consumed as excise duties and different Government taxes under many heads.

We as an Organization after many studies cannot find any other serious reasons for purposeful silence about the slow poisoning which is happening from fuel powered vehicles. Although late and purposefully slow now the Government is forced to implement many schemes to introduce electric vehicles with subsidies and also take other fruitful measures to produce electricity without pollution with the promotions of windmills, solar thermal power plants, solar panels and so on.

47. How can the Government promote electric vehicles quickly ?

The concerned Governments have to control the production of new petrol and diesel vehicles and also reduce import duty on electric vehicles or promote vehicle manufacturers to the maximum by supporting them financially or otherwise to produce electric vehicles only. The Governments can follow the Norway policy of making electric vehicles cheaper than petrol or diesel vehicles. This will force our customers to buy electric vehicles only and also enable our automobile manufacturers to produce electric vehicles with global standards.

Governments can also direct the automobile companies to impose a proportionate ratio for producing electric vehicles for every petrol and diesel vehicle manufactured but are still lagging behind on this notion. The Government should impose charging stations in all Government offices, metro parkings, residential and commercial flats, highway side hotels etc but it is sad that the process is very slow. For name sake some tax exemptions have been made by central and state Governments in recent times and we welcome that move also because it's always better to get something rather than nothing. Government has to keep the promises given in the Paris agreement and the recent Climate Conference at Glasgow Scotland, by taking vital and sincere steps to reduce carbon emissions

Poisonous Pollutants from oil are spreading almost everywhere.

48. What is the percentage of tax imposed on fuel in India ?

As of October 16 2021, the retail prices of petrol and diesel in Delhi shows that around 54% of the retail price of petrol comprises central and state taxes. In the case of diesel, this is close to 49%. The central Government taxes the production of petroleum products, while states tax their sale. The central Government levies an excise duty of ₹ 32.9 per litre on petrol and ₹ 31.8 per litre on diesel. These make up 31% and 34% of the current retail prices of petrol and diesel, respectively. While excise duty rates are uniform across the country, states levy sales tax/ Value Added Tax (VAT) varies across states. Unlike excise duty, sales tax is an ad valorem tax, i.e., it does not have a fixed value, and is charged as a percentage of the price of the product.

Value of the excise duty component of the price structure is fixed. The value of the sales tax component is dependent on the other three components, i.e., price charged to dealers, dealer commission, and excise duty. Though central taxes such as excise duty are levied by the centre, it has only 59% of the revenue from these taxes. The remaining 41% of the revenue is required to be devolved to the state Governments as per the recommendations of the 15th Finance Commission. These devolved taxes are un tied in nature, where the states can spend them according to their own discretion.

49. How is the Organization promoting electric three wheelers ?

Even electric three wheelers have been launched into the Indian market and we as a non-profit Organization feels that the tens of millions of three wheelers are the greatest number of diesel and petrol vehicles in most of the Asian countries and this has to be replaced at the earliest as an initial move to make a change in the transportation sector. This will be an initial venture to reduce air pollution. because it will be the lowest price electric vehicle available in a country for Cab operations targeting the common man and the latter will also get an opportunity to travel in an electric vehicle along with huge savings for those who are concentrating on three wheeler Cab operations.

We act as a facilitator to promote the weaker sections of the society for exploiting maximum income for their livelihood from these low cost electric three wheelers by undertaking all the processes involved in operating a three wheeler online Cab and also reducing the burden involved in these Cab operations. This paves way for the Cab owners to enjoy maximum profit very easily.

Green Asian Voice

Let's go green

Climate change is the greatest threat to our existence

50. Is there any country which has at least 50% electric vehicles ?

Norway, with the second longest coastline in the world behind Canada, may be feeling the pinch of rising sea levels. Norway has gone where no other democracy has gone with electric Cars. It has made them more affordable than their gas counterparts and over time, that has made electric cars highly popular among the citizens. The overwhelming majority of people purchasing electric vehicles say the number one reason is the economic factor and to be honest the second reason is the environment friendly aspect. Norway makes gas and diesel powered cars far more expensive than they are in other countries. Taxation on gas and diesel vehicles turns into incentives for electric vehicles, whether powered via batteries or fuel cells. Collectively these zero emission vehicles have no value added tax, which is 25% on gas and diesel vehicles.

There is no registration tax on used car sales, no annual ownership tax, and no fuel tax. Road tolls are exempted, ferry fares are strongly reduced and much more promotions for electric vehicles in Norway. The policy of electric vehicles worked in Norway when the import tax was first abolished for electric vehicles. This is how people react to taxes in capitalism all over the world because if the product is very expensive, fewer people will buy it. Norway had done the opposite of what other countries did by making fuel powered vehicles more expensive and electric vehicles cheaper.

51. What is the annual consumption of petrol and diesel in India ?

Fuel consumption totalled 16 million tonnes in August, up from 14.42 million tonnes a year back but lower than 16.83 million tonnes in July 2021, as per the Petroleum Planning and Analysis Cell of the Oil Ministry. India's fuel demand soared almost 11% in August 2021 and sales of petrol, which had reached pre-Covid levels a couple of months back, rose 13% year-on-year to 2.69 million tonnes and was up 2.5% over July 2021.Consumption of diesel the most used fuel in the country jumped 15.6% to 5.6 million tonnes from a year earlier but fell 8.7% from the previous month.

Cooking gas or liquefied petroleum gas sales increased 2.4 percent to 2.3 million tonnes, while naphtha sales fell 5.1% to 1.02 million tonnes. Sales of bitumen, used for making roads, were 3.1% up, while fuel oil use edged up 8% in August. Naphtha demand at 1.02 million tonnes was 5% lower than a year back and 16% lower than July 2021.

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Save the World

By Going Green

Vision of a Green planet is safe and in balance

52. What happens if fuel powered vehicles are stopped now?

Already millions of vehicles are there in the market and a gap of non availability of new vehicles is just a psychological gap but the reality is that it will not make any difference. Nothing negative will happen in a country if the production of petrol and diesel vehicles is stopped for a small gap to satisfy a noble cause, rather it will be the beginning of a new positive era. In such a situation, the automobile companies have no other option but to use all possible facilities in the world for producing electric vehicles according to global standards.

But now a person buying a new petrol or diesel vehicle will think of replacing his Car with an electric vehicle after 5 or 6 six years and sometimes after decades. By that time we could have saved millions of lives if there was no availability of petrol and diesel vehicles. Only good things will happen if such a thing happens now because we can save millions of innocent lives who die out of air pollution, especially children below the age of 5 and the struggling death of aged people above 60 years. Moreover Respiratory diseases, Lung cancer, Spike in asthma, Coronary Heart problems, Stroke etc could have been minimised within a short span of time.

Yes, the Governments are pretending to be sleeping because they are well aware of the advantages of electric vehicles as well as the disasters of petrol and diesel vehicles but they still continue the same as a cunning luxury option of collecting maximum taxes from the citizens by selling maximum fuel powered vehicles exhausting poisonous and most dangerous emissions by hurting millions.

53. Is the Organization solving the problem of getting loans ?

We, as a non profit charitable Organization, undertake this problem as a commitment to convince the financial institutions of a particular country about the huge savings in electric vehicles and motivate them to finance these vehicles by the best possible schemes available. We speak on behalf of the low profile people who are not well versed to describe the banking authorities and thereby strengthen the aim of our project of reducing air pollution to the maximum. Money spent for diesel or petrol will be more than enough for paying the equated monthly instalments of an electric vehicle loan. One of the main requirements for the success of electric vehicle will be the availability of good finance option to buy the vehicles without much hassles.

Green Asian Voice

Let's go green

Children are on the street before we all will be in the streets

54. How can the Government promote electric vehicles ?

The Government can direct the financial institutions in a particular country to give good finance schemes with lesser interest rates and also more percentage of loans with lesser down payments for electric vehicles. As far as an online electric Cab is concerned the Governments can direct the online companies to remit all the digital payments received as daily collections from the Cab operations directly to the financed bank. Nowadays the cash payments are very less too and this amount can be used for daily expenses of drivers also. So the banks will be safe in getting their repayments promptly.

This will enable the poor and average drivers to buy electric vehicles and the banks will also be safe, which will enable them to give loans for electric Cabs much easier without the risk of repayments. Moreover the import duty of electric vehicles should be minimised or the production of petrol or diesel vehicles should be minimised to give more importance to electric vehicles. If the Government feels that it cannot stop the production of petrol or diesel vehicles, then they should make sure that petrol and diesel vehicles are more expensive than electric vehicles by further increasing the GST of fuel powered vehicles as in the case of Norway where electric vehicles are cheaper than other types of vehicles.

55. Why are the banks negative in financing Cabs nowadays ?

The huge diesel costs have made the online Cab operations more expensive and this resulted in default of monthly loan instalments. But this problem can be easily solved if we can avoid using diesel vehicles for Cab operations because in electric vehicles, the huge oil and maintenance expenses can be saved and this paves way for the smooth repayment of vehicle loans easily. Moreover the low profile drivers who had purchased diesel cars have no other means to settle their loans, except the profit out of Cab operations which has become negligible due to heavy fuel and maintenance expenses.

Moreover the drivers will be tempted to deviate their taxi income for other urgent needs in the family or an unexpected accident will put a halt on their entire repayment schedules. There should be a professional management system of Cab operations vested with good fleet companies where these problems do not normally arise. Lack of a high profile professional management and financial stability will lead to a huge loss in fleet operations because one accident will spoil the entire activities of a driver cum owner Cab service

First time the whole universe is striking against a single cause.

56. Will the banks be convinced about the profit of electric cabs ?

Of course there will be a risk in funding a diesel vehicle which is normally concentrating on Cab services. But the story is completely different for the loans given for electric vehicles operating as online Cabs because an amount one saves on the basic fuel expenses monthly itself, is more than ₹.50,000/-. Also in electric vehicles the service expenses of changing oil and oil filter is not there, maintenance charges are also negligible and above all the road taxes are also partially exempted.

So the money saved is money earned and this paves way for easy repayment of loans along with a luxurious additional income also for the Cab operators after all expenses. The real tragedy was that the regular increase in price of diesel had become a nightmare for the Cab operators and this resulted in default of loan repayments and banks lost the confidence in funding diesel Cabs. But there are very attractive loan schemes for electric vehicles termed as green loans in most of the countries including India, with lesser interest rates and longer period of loans.

57. Will electric vehicles reduce air pollution ?

Transportation sector is the biggest single reason for deteriorating air quality and electric vehicles will be the only remedy for the same. Introducing maximum electric vehicles in a country is the initial positive step for reducing air pollution to the maximum and if other nations follow the same, it becomes a global contribution for reducing the effect of air pollution. When electricity is generated from combustion sources, electric vehicles have a net positive impact on air quality. Electric vehicle adoptions reduce Carbon emissions and have the added benefit of reducing air pollutants, thereby improving public health. Electric vehicles can help keep your town and your world clean.

In general, electric vehicles produce zero emissions that contribute to climate change more than conventional vehicles. To be honest electric vehicles are a reason to save the lives of innocent people affected by air pollution but diesel or petrol vehicles are like demons who are the carriers of disasters especially to tiny children below the age of five and the old aged people beyond 60 years by slowly suffocating them to death or long living respiratory diseases resulted out of air pollution. So get ready to be a part of the Green Revolution movement by using a pollution free electric vehicle at the earliest

Even the children are striking for urgent action to reduce air pollution

58. What are the two general categories of vehicle emissions ?

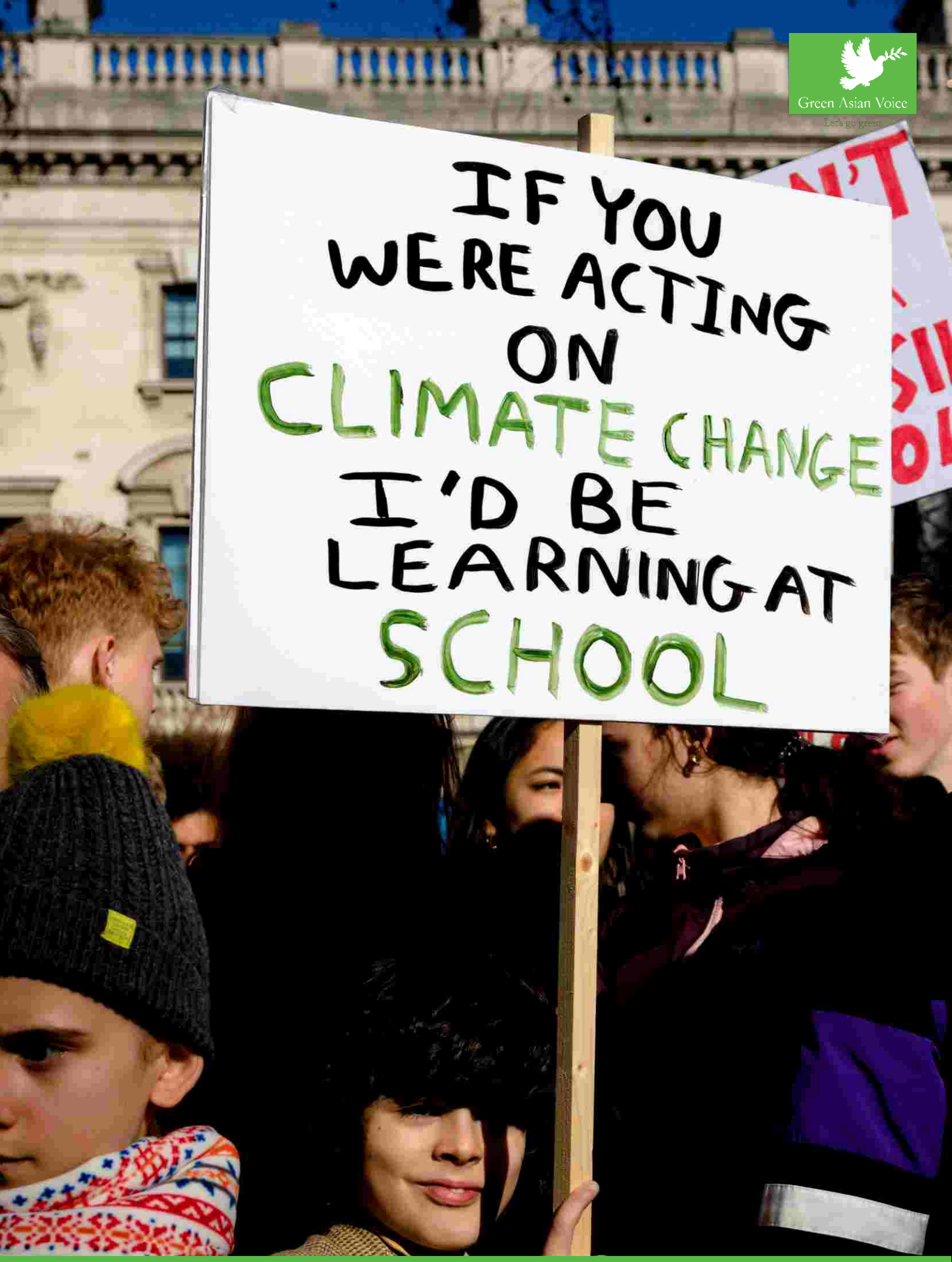
There are two general categories of vehicle emissions namely direct emissions and life cycle emissions. Direct emissions are emitted through the tailpipe as evaporation from the fuel system and during the fueling process. Direct emissions include smog forming pollutants such as nitrogen oxides, other pollutants harmful to human health such as Particulate matter Carbon dioxide, Nitrogen dioxide, Nitric oxide, Mercury, Sulphur dioxide, Carbon monoxide, unburned Hydrocarbons, Volatile organic compounds, Ozone, Chlorofluorocarbons, Lead, heavy metals into the air, greenhouse gases and primarily Carbon dioxide.

All electric vehicles produce zero direct emissions, which specifically helps to improve air quality in urban areas. If we compare electric vehicles to other conventional petrol or diesel vehicles, there are disadvantages only for the latter and the life saving advantages for electric vehicles.

59. Is it compulsory to charge the full battery during the journey ?

It's not compulsory that you should do the full charging at one time itself but it's always better to complete your full charge at one stretch itself when you are charging from your residence because you can enjoy your trip further without any charging hindrances for a considerable distance and that too more economically. Normally it takes very less time to get 80% charged and it's also advisable to do so in the middle of your trips for saving your precious time on the way rather than trying for a full charge. If you have enough charge to reach your house which has a proper charging facility, then the best option is to avoid charging on the way.

It's always better to charge your electric vehicle by using home chargers because the life of batteries will be much more while charging in AC current used in residences than DC charging in public charging stations. Moreover, it's more economical to use home chargers for charging where the charging expenses can be very less and paid along with normal electricity charges which happens once in two months normally. Apart from the life of the batteries, the charging expenses will be much more in public charging stations. There is no need of tension to fully recharge your batteries. Even a minimum recharge to reach your house can also be done.



It's really a shame that we are questioned and warned by even school children.

60. What are life cycle emissions ?

Life cycle emissions include all emissions related to fuel and vehicle production, processing, distribution, use, recycling and disposal. For example, for a conventional gasoline vehicle, emissions are produced when petroleum is extracted from the ground, refined to gasoline, distributed to stations, and burned in vehicles. Like direct emissions, life cycle emissions include a variety of harmful pollutants and greenhouse gases. All vehicles produce substantial life cycle emissions but electric vehicles typically produce negligible life cycle emissions than conventional vehicles because most emissions are lower for electricity generation than burning gasoline or diesel.

Electric vehicles cannot be even compared to fuel powered vehicles because there is a day and night difference between the two in terms of dangerous emissions where petrol and diesel vehicles are manufactured mainly for polluting the air through its poisonous emissions by killing innocent people but electric vehicles are born to save the lives of people without hindering a healthy Green environment.

61. Which is the best place for installing a charging station ?

We are aiming to concentrate more on installing an electric vehicle charging station at hotel compounds situated at the highway roads, having a good restaurants with adequate parking facilities. This will enable the passenger to have recreational meals or a time to refresh themselves amidst the travel, while the vehicle is charging itself. Many incentivising economic factors put together like identity of hotels, electricity unit incentives, more hotel sales, charging station rent and above all an opportunity to encourage a social cause of promoting a green environment will naturally motivate the hotel management to demand for more charging units in one particular hotel itself.

Moreover an alert will be made on the smart phone about the nearest charging station, along with the busy or available status. In addition to hotels, normal paid parking areas which include mall parking, residential and commercial flats, independent charging stations like ordinary petrol pumps etc are also perfect places for installing charging stations. Above all pollution can be reduced to a great extent if the Government vehicles are completely replaced with electric and all the Government establishments have charging stations. More number of charging stations will definitely increase the confidence of the people to buy electric vehicles.

We can wake up anyone who really sleeps but not the one who pretends.

62. Which will be a better charging option for electric vehicles ?

It is always feasible to charge the vehicle to its fullest at one's home itself, because the electricity charges will be much cheaper than the commercial rates which will be more than double. Normally it will be advisable to charge your vehicle during the night which will automatically become a daily routine, because then one would not have to worry about their vehicles battery in alignment with the distance they travel. One must always make sure to fix a fast charging option at their residence itself, as it would make charging so easy with a maximum charging time of two hours.

The expenses for this fast charger should be considered as the initial purchase price of the vehicle itself because the ordinary charging time varies from 6 to 10 hours normally, which depends on the capacity of the battery. Always consider the fast charging kit as an essential part of the electric vehicle rather than considering it as an optional accessory. Battery is considered as the heart of the vehicle and charging will be the most important aspect as far as an electric vehicle is concerned.

One must not think of saving up on the cost of fast chargers while purchasing an electric vehicle as it is an important aspect and is usually covered in the initial selling price of the vehicle itself. Moreover the life of the battery will be the maximum if you charge your battery in your residence itself which has AC current rather than using public fast charging stations with DC current which will reduce the life of your battery. There should be a three phase electricity connection in your residence for installing a fast charger.

63. How do you know about the location of the charging stations ?

When you purchase an electric vehicle, you will be provided with the complete information regarding the location, current status etc. of the charging stations in every particular district and even the state as a whole. Moreover you will get an alert about the available charging stations when you are about to pass that particular place. Both the central and the state Governments along with automobile companies concentrating more on electric vehicle models are now making arrangements to make charging stations available in every nook and corner of the country in association with the electricity department of the concerned state Government .

Green Asian Voice

Let's go green

Failing to go green will surely end in disasters beyond words

64. How will we know about our vehicle charging status ?

The screen on the dashboard of all electric vehicles will surely display the number of kilometers you can run further and also the available charging percentage of your battery which makes you comfortable to decide and plan accordingly. When you buy an electric vehicle, always make sure that the vehicle has these basic features and also it's better to buy a long battery range vehicle to enjoy your journey without charging tensions.

The electric vehicle should be considered as a long term investment, because the resale value and life of the vehicle will be much more than the ordinary petrol or diesel vehicles. The huge amount spent on petrol and diesel, is burned out as poisonous Carbon and other dangerous emissions. That amount could be used to pay the EMI of an electric vehicle which later becomes an asset rather than a liability that you normally experience for a petrol or diesel vehicle where the depreciation is too high.

65. What is the life of batteries installed in electric vehicles ?

Normally the battery of an electric vehicle will be given an 8 years warranty or 1.5 lakh kms whichever is earlier and it can be used further with some minor repairs comfortably for another 5 years by replacing the damaged cells only, which is not that expensive. Even a replacement of battery after the warranty period will not be a costly affair because after a decade the cost of the batteries will come down considerably and you can even fix a more powerful battery with a longer range in the future.

Moreover there is very less tendency to use a particular vehicle nowadays for more than 5 years but the life of an electric vehicle is almost triple that of other conventional petrol or diesel vehicles because of the long life of the batteries, absence of diesel or petrol engines, gearbox etc. The use of proper fast chargers for recharging will also increase the life of batteries.

Normally the fast charger is an additional accessory of an electric vehicle but it's always advisable to own a fast charger at the time of purchase. There is usually a tendency to save the cost by depending on the normal home chargers available along with the cost of the vehicle and then start complaining about the difficulty in charging. Therefore, always remember that a fast charger is always a necessity for the smooth functioning of an electric vehicle.

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Charging cars @ your Solar house Will be Smarter … Better….. Cleaner

I love a sun powered country

66. Why are fuel engines and batteries seen together in certain vehicles?

These vehicles are termed as hybrids, which will be having a fuel powered engine along with a powerful battery which will be recharged automatically while running on petrol or diesel engines. The technology of these cars are extremely different but these vehicles are not in the category of zero emissions. It extends the mileage of the fuel with the help of a battery installed in the vehicle. We don't entertain hybrid vehicles as the pollution caused by them is almost the same and even they are more expensive than ordinary vehicles.

Most companies' hybrid models have not become as popular as the ordinary vehicles even though they are cost effective in operations. We strongly believe that hybrid vehicles are not an alternative and more importance should be given to electric vehicles as our primary concern to implement a change at a faster pace to fight air pollution, which can easily be curbed by the latter.

67. Is there an engine or gearbox in an electric vehicle ?

Electric Cars do not have conventional engines or gear boxes. As alternatives to conventional engines, electric motors which are fueled by rechargeable batteries, power electric Cars. The traditional gasoline engine is replaced by an electric motor that gets its power from the electricity in rechargeable batteries. A gasoline engine tends to look like a plumbing process with its fuel, while an electric vehicle is a wiring process with an electric motor. When you drive an electric car, you will feel that it is nearly silent, because electric cars run on electricity, have no clutch, gear boxes, huge engines, no vibration and the factors which cause pollution in fuel powered vehicles is also not there in electric vehicles.

Electric motors have a number of differences when compared to traditional engines. With the same horsepower rating, the initial cost of an electric motor is much lower than a fossil-fuel engine. Having a single moving part, an electric motor has a longer lifespan. The absence of these vital aspects like fuel powered engines and gearbox makes the electric vehicle more effective in terms of pollution, depreciation and also the monetary benefit in its operations.Absence of engine and gear box in a same standard alternative vehicle running with battery is an unbelievable aspect among the common man and when the battery rates come down further, it will be easily affordable and this will be a new green revolution where our Organisation wil play a major part .

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The Green revolution movement really begins here….

68. How can we reduce the pollution caused by other factors than oil ?

We as a non profit Organization are working in all possible ways to reduce air pollution by promoting solar panels to the maximum for producing electricity without pollution, especially a different type of customised solar roofing structure which gives a better look than the other ordinary solar panels and also giving awareness to the Government about the importance of solar thermal power stations instead of Coal to produce electricity that reduces air pollution to a great extent. Moreover we are also promoting alternatives to destroy agricultural waste which causes emissions while burning.

Another important aspect is to find a solution for replacing poisonous petrol and diesel vehicles with electric and Hydrogen powered vehicles as we promote certain multinational companies who are taking vital steps for producing hydrogen powered pollution free vehicles. Although there are a lot of financial constraints and limitations, we give awareness about the importance of introducing Hydrogen ships by finding global investors for the same because the huge pollution from certain ships will be almost equal to the pollution generated from 50 million diesel or petrol vehicles. Carbon emissions can be very much controlled by planting mangrove trees also by the concerned Governments where these trees absorb Carbon to a very great extent. Not only ships hydrogen powered trucks and buses will be a pollution free alternative.

69. How will electric vehicles impact Ozone levels ?

The electric vehicle adoption which actually matters for the environment, would improve overall air quality level and lower Carbon emissions. The differences in air pollution generated from battery powered electric vehicles versus internal combustion engines found that even when their electricity is generated from combustion sources, electric vehicles have a net positive impact on air quality and climate change.

To quantify the differences between the two types of vehicles, the researchers used an emissions remapping algorithm and air quality model simulations. They used these methods to closely examine two pollutants related to automobiles and power emissions which is Ozone and particulate matter. More vehicles that transitioned to electric power, the better for Ozone levels. No matter how the power is generated, the more combustion vehicles you take off the road, the better the Ozone quality.

Only when we humans make waste that nature can't digest

70. How is the resale value of an electric vehicle ?

The most important advantage of an electric vehicle is the huge resale value when compared to other vehicles. This is mainly because the electric vehicles do not use oil or any fuels to make any harmful or poisonous exhaust that normally comes out of the huge diesel and petrol engines which makes more depreciation for the fuel powered vehicles. Actually the diesel and petrol engines depreciate on a daily basis and the vibrations of these engines make the whole vehicle weaken considerably and result in very less resale value when compared to electric vehicles.

Apart from that, the long life of the batteries which gets a warranty for almost 8 years along with the negligible maintenance cost due to the absence of huge diesel or petrol engines, gear box, oil and oil filters, will naturally enable the pure electric vehicles to have much more resale value than that of a fuel powered vehicle. You can never imagine to get such a long warranty for fuel powered engines but a battery which is considered as the heart of an electric vehicle is getting an unbelievable warranty period.

Even a replacement of battery after the warranty period will not be a costly affair, as the cost of the batteries after a decade will come down considerably and you can even fix a more powerful battery with a longer range in the future more cheaply and this is also a reason for the increase in resale value of electric vehicles. In a fuel powered vehicle there is no option to replace the engine of the vehicle which will be depreciated to the maximum over a short period of time, where it's not worth and practical to replace it with a new engine.

The absence of smoke is one of the main reasons for the resale value of an electric car because it saves the environment as well as enabling long life of the vehicle. The combustion engines emit toxic by-products such as Carbon monoxide, Sulfur oxides or even Nitrous oxides or Ozone and even more poisonous gases which pollute our atmosphere.

Above all the common man is attracted by the main factor that the huge fuel expenses and the maintenance cost which is the main expenditure of a fuel powered vehicle can be used to pay the equated monthly instalments of an electric car because maintenance cost will be negligible for the latter along with very less expenses for charging batteries also. Considering all these vital aspects the resale value of electric vehicles is very much more than that of fuel powered vehicles

Green Asian Voice

Let's go green

Climate change which is not a science fiction has started impacting us now

71. What is the percentage of air pollution from vehicles ?

Transportation sector is the biggest single reason for deteriorating air quality and nearly 50% of the air pollution is caused out of poisonous exhaust and Carbon emissions from diesel and petrol vehicles. This percentage is so huge that it kills millions of people all over the globe and also results in dangerous climate changes like rise in sea level, thunder storms, floods, earthquakes and so on. Apart from all these disasters, the most important factor is that air pollution is the reason for billions of people suffering from severe respiratory diseases and certain chemicals which come out of these exhaust emissions causes Cancer, Coronary heart problems, Stroke, spike in Asthma etc.

Actually the volume of these deaths are so huge when compared to recent Covid - 19 pandemic but the respective Governments are least concerned about this huge disaster because petrol and diesel are the most cunning way of extracting huge profits through taxes from people. It has been prevailing for decades, this disaster of air pollution, yet was not addressed globally as a destruction to the whole world by the respective Governments but as a gift of improving the economy by collecting more taxes from its huge consumption. Oil, which is available cheaply as a natural resource in few countries, has no obligation towards promoting a healthy Green environment which was when they backed out from the Paris agreement that stands for reducing air pollution.

72. "Governments are delaying the launch of Electric Vehicles", why?

The cost of batteries was very expensive till recent times which proved unaffordable for the common man to own an electric vehicle. But now the cost of batteries has come down considerably and moreover the establishment of charging stations also had plenty of constraints before but the process is not much expensive and complicated nowadays.

Above all, in recent times the voice against air pollution has become a big storm in many countries with many Organisations starting maximum awareness programs of air pollution disasters, dangerous effects of climate change and also strong agitations against the Governments for neglecting the importance of taking necessary steps to reduce this global disaster of air pollution. In addition to this the Government enjoys advantage of collecting exorbitant taxes from the heavy consumption of petrol and diesel which continues in full flow, even today.

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Let's go green

Protect your planet now or you may not be able to do it forever.

73. How can electric vehicles remove poverty in a country ?

Now the electric vehicle is a new boost to the millions of drivers and Cab owners because the diesel expenses are almost completely reduced by the electric vehicles and the profitability of the process has become a big relief for the common man which automatically removes poverty to a great extent. But in the case of a diesel vehicle with two shift operations, there will be nearly ₹ 75000 as monthly expenses for oil, diesel and maintenance but in the case of an electric vehicle, the expenses for charging the battery will amount to a maximum of ₹10 000/- in a month which is a huge difference.

Apart from the drivers expenses there will not be any other major expenses for an electric vehicle because the maintenance is almost negligible due to the absence of gearbox, oil, oil filter, depreciative and vibrative diesel engines. So this huge difference in diesel expenses and maintenance cost will naturally increase the profit margin of electric vehicles to a great extent and naturally becomes a tool to remove the poverty of millions who depend on online Cab operations.

This can definitely reduce the poverty of a particular country, especially in the most populated countries because the online Cab market had been a big boom in the past decade and in India itself there are more than two million online Cabs across the country apart from millions of three wheelers who are also shifting their operations to online trips. So if millions of this fuel powered online Cabs are replaced by electric vehicles, then definitely it will influence the poverty of a particular country .

When the online Cab market became a big boom in the past decade, millions of online Cabs have been invested into the market. But the huge diesel expenses which were increasing considerably was the real constraint behind the struggle of this online taxi project. In the year 2020- 2021 itself more than ₹30 has been increased for a litre of diesel in India.

Normally an online taxi operating in two shifts consumes more than 20 litres of diesel daily which means an extra expense of ₹600 per day and that will be ₹220000/- in a year. If this trend continues there will be a further increase of ₹30 or more in the next two years also and if that is the case an online taxi having a five year loan will have an extra diesel price increase burden of nearly ₹15 lakhs. So we can just imagine the extent of loss a diesel online taxi owner has to suffer at present.

We don't feel like losing someone whom we really love

74. Can an electric Cab generate a monthly collection of ₹ 1 lakh ?

Although the main aim of introducing electric vehicles is to reduce air pollution for saving the millions of people losing their lives tragically and also to protect the environment from the dangerous effects of climate changes, an online electric Cab will also be a source of prosperous income for millions of people across the globe. Normally the online Cab is operated by two shift drivers during day and night which can run almost 200 - 250 kms daily. This automatically fetches a monthly collection of more than ₹ 1 lakh in a month, which will be a dream income after minimum of expenses.

Apart from the drivers expenses there will not be any other major expenses for an electric vehicle where the fuel expenses and maintenance will be nearly ₹75,000 for diesel vehicles Moreover the maintenance cost of electric vehicles is almost negligible due to the absence of vibrative diesel engines, gearbox, oil, oil filter and so on. Our mission is to replace the taxi segment vehicles to electric initially because these diesel Cabs with continuous trips and depreciated diesel engines result in more pollution than private vehicles. Millions of diesel online cabs have been on roads and we will take all possible steps to avoid repeating the same in the coming decade with diesel vehicles but with electric vehicles.

75. Will the charging facilities be effective for online Cab?

As far as an online Cab is concerned, charging will not be a burden or problem at all but it will be a herculean task for very long distance fleet operations. In the case of online Cabs, the change of drivers shift will be an opportunity to fully recharge the battery within 2 hours which will be done by a fast charger installed by the Organization, Government and private vendors within the area of online Cab operations of a particular city. Normally the online Cabs operating in two shifts will be online for almost 20 hours and three to four hours will be halted in any case which makes the charging aspect as a normal process during intervals.

As the online Cab operations are concentrated in a particular area within the city limits and not in distant areas like other long distance ordinary fleet operations, the charging facilities have to be arranged in several points within the limited area of operations. This makes a smooth charging atmosphere for these vehicles which is the most important factor for electric online Cab operations.

Nature doesn't need people but People need Nature

76. What is the battery capacity needed for electric Cab operations ?

For the smooth and effective operation of an online electric Cab, the battery capacity of the vehicle should be at least 45 KW which can run a minimum of 250 - 300 kms from a single recharge. This will enable the electric vehicle to travel without any charging hindrances in a particular day which is so crucial for Cab operations. There will be a two hour halt normally available in the middle of the two shift Cab operations which is the normal time taken by a fast charging option to get fully recharged.

This will make the electric Cab fully capable to run the next 250 kms without any break or further charging. So both the charging infrastructure and the battery range of the vehicle should go hand in hand to generate maximum output from the advantage of an electric vehicle. Now the global battery rates have come down considerably which enables the common man to afford buying a long battery range vehicle with maximum savings in addition to the valuable contribution of promoting a healthy Green environment. Moreover 80% of the battery will be charged within a very short span of time which will be more than enough for travelling considerable distance.

77. What are the benefits of electric vehicles as online Cabs ?

The biggest benefit is that electric vehicles do not cause any air pollution because of zero Carbon and other poisonous emissions which are normally exhausted from diesel and petrol vehicles. This saves the lives of thousands of people who are losing their precious life out of air pollution in a particular city and more than a million of yearly deaths in countries like India, China and so on. Moreover the billions of people suffering from chronic respiratory and Cancer diseases which are caused by the poisonous emissions, mainly from the transportation sector can also be minimized.

Apart from that online electric Cabs will be a main source of income for millions of people across the globe and we take all possible measures to support and ensure the same. Moreover the depreciation is very less for an electric vehicle which leads to more resale value and much more life than the petrol and diesel vehicles. In addition to that the driving comfort without engines and gearboxes with negligible noise and vibration is also a big advantage for electric vehicles. The strength of our project is the most urgent requirement of pollution free alternative to save the human life as well as the planet, which is electric vehicles that we promote.

Green Asian Voice

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Lets pledge today to make the world a better place

78. What are the running expenses incurred for an electric vehicle ?

An electric vehicle charging expense depends on the basic capacity of different batteries available in electric vehicles but normally it consumes 50 units of electricity for running 300 kms. In India one unit of electricity costs nearly ₹3 for domestic purposes as the lowest slab and the highest slab will be almost equal to the commercial rates which is ₹ 7 for commercial purposes. So the cost of 50 units will be almost ₹350/- for running 300 Kms which is almost equal to one Indian rupee per kilometre for running an electric vehicle which will be more than ₹5 for running a kilometre in diesel vehicles. These are the rates for home charging options and for public charging stations the expense will be double.

This is a huge difference when compared to the fuel expenses of a diesel or petrol vehicle. This enormous profit of the electric vehicles can be used as a value added income by using part of this profit as a loan repayment amount which will later lead to the value of the vehicle. The electric vehicle has very less depreciation and can easily be used for the next 15 years due to the absence of fuel and vibrative engines but the huge expense spent for diesel or petrol in fuel powered vehicles is burned out as polluted poisonous waste which is killing and hurting millions of people, worse than a ruthless war.

79. How is CNG, the alternative of fuel, affecting air pollution ?

CNG is more harmful for the environment than diesel. This was reported by a statement from the state government to Gujarat High court in India. Citing an expert committee report on fuels, the state Government informed the Gujarat High Court that CNG will prove more harmful to the environment than diesel "as CNG engines emit more greenhouse gases than diesel". In its affidavit filed before the High Court, the state Government also expressed apprehensions about converting all commercial as well as public transport vehicles running on diesel into CNG.

The affidavit came as the Government's reply to the court, which is hearing a PIL seeking conversion of all diesel vehicles into CNG to reduce air pollution. This has also been proved because the largest conversion of petrol and diesel engines into CNG was made in the capital city of India from the past 2 decades to reduce pollution but at present NewDelhi is one of the most polluted capital cities in the world. So electric vehicle is the only affordable option for pollution free transportation.

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Be Greeny and not Greedy

80. Why is CNG not an alternative for fuel to reduce air pollution ?

According to the Mashelkar Expert Committee report on Auto Fuel Policy in India, CNG vehicles for one mile emit 20% more greenhouse gases than a diesel vehicle for one mile. From the perspective of global warming, the decision of switching to CNG from diesel is a harmful one. CNG vehicles emit 80% Particulate matter and 35% less Hydrocarbons. However, the output of Carbon monoxide is over 5 times more than diesel. If CNG is used, there will be a reduction in Particulate matter but other pollutants show a considerable increase.

In fact, there is an increase in the emission of greenhouse gases with the increase in age of the CNG engines. The report further says that conversion of diesel vehicles into CNG "would not serve the purpose of prevention of air pollution caused by vehicles".

81. What is the Government support given for electric vehicles ?

Now most of the governments universally have understood the importance of electric vehicles, disasters of air pollution, drastic effects of climate changes and so on, which has led to many unbelievable tax exemptions for electric vehicles. In India the GST rates have been reduced considerably along with complete waving of life time road tax for some states which amounts to more than 15% of the cost of the vehicle. There is also a huge promotion for electric vehicle loans where it is termed as Green loans in many countries and the manufacturers have also been given huge subsidies under various schemes to encourage maximum production of electric vehicles. Moreover the government of India has imposed Green number plates for electric vehicles as a symbol of promoting a healthy Green environment and also as a positive message for avoiding fuel powered vehicles to the maximum.

Lack of necessary infrastructure has meant India's vehicle industry has continued to rely heavily on the internal combustion engine. However, things are changing with every passing day, electric vehicles are inching to being within reach of mainstream buyers, spurred on by India's initiatives to promote e-mobility. The Central Government offers subsides under the national FAME-II scheme, and providing further impetus to the transition are individual state EV policies, which make EVs even more affordable. In the month of January 2022 itself cost effective electric vehicle which is most affordable for online Cab operations have launched in India and too with Government subsidies.

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Let's go green

One world...
One last chance

There is only one Earth, one Life... explore it

82. Why the number plates of electric vehicles made as Green ?

Recently the look and feel of the vehicles on the road have changed dramatically with the introduction of electric vehicles with Green number plates as a symbol of promoting Green environment and a fight against air pollution to save the lives of innocent citizens across the country and to protect our universe from the adverse effects of climate change disasters.

Green number plates can be considered as a welcome promotional move of Government response for promoting a healthy Green environment by the introduction of electric vehicles to the maximum which will be an initial positive step to provide justice for both the people and the universe as a sincere fight against air pollution globally. The digital communication developments and movements have made a global unity in many aspects, especially after the Covid-19 pandemic. In India there will be white letters in Green boards for private vehicles and yellow letters in Green boards for taxi vehicles.

83. How expensive is an electric vehicle for online Cab operations ?

Consumer's should consider many aspects when comparing the price of an electric vehicle with the a fuel powered vehicle. Electric vehicles have the advantage that the cost of using the vehicle is cheaper due to the low electricity expenses to charge the batteries and the higher rate of efficiency of the motor. However, consumers tend not to consider the present value of these fuel savings. Currently EVs sell at higher prices compared to conventional petrol and diesel vehicles. Even though the price surplus can burden their market introduction, most of the states are offering free road tax which is a real boost for owning an electric vehicle.

The huge diesel price which is more than a dollar in India, will force the Cab operators to buy electric vehicles nowadays and the latter's decision can be justified because the huge amount spent for oil expenses can be used for paying the EMI of an electric vehicle loan which automatically adds to the value of vehicle in the long run instead of the amount spend for diesel that is burned out as polluted emissions. In India there are more than 2 million diesel vehicles operating as online Cabs within the last decade and we cannot allow another decade to repeat the online Cab operations with diesel vehicles but with electric vehicles only. This shift of diesel online Cabs to electric vehicle Cabs will be our first initiative as the commercial transports accounts to more pollution.

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Let's go green

Everyone will be effected by the impacts of air pollution

84. Has the time really arrived for purchasing electric vehicles ?.

Now it's the perfect time to own an electric vehicle because our money saved is equal to money earned. If you spent ₹1000 per day for diesel continuously for 10 years, it amounts to a sum of ₹ 36 lakhs. We often miss out on acknowledging and calculating the huge amount spent for dangerous and poisonous fuels like petrol and diesel because it normally happens as a daily routine.

If you really want to save your country and be honest to your citizens, then the best patriotic deed you can do today is to buy an electric vehicle instead of fuel powered vehicles. It's time to join hands for promoting the Green Revolution movement which saves the lives of millions across the country affected by air pollution rather than being ignorant enough to be a part of spreading poisonous emissions. Always consider the purchase of an electric vehicle as a long term investment because the life and resale value of electric vehicles is very much more than the normal petrol or diesel vehicles because of the absence of depreciative and vibrative elements like engines, gearbox and so on.

85. Can electric vehicles run without much charging stations?

Actually there is no need for too many charging stations for private electric vehicles. If the electric vehicle is having 200-250 kms of battery range, then the need for charging stations does not arise because in most of the cases 90% trips will be concentrated within this battery range only. The requirement of a charging station does not arise if they have the minimum facilities required in their residence for charging like the fast charger , three phase connection and so on .

Now most of the Governments have realized the disaster of diesel and petrol vehicles. India, China and Japan have already started thousands of charging stations across the country which especially suits people residing in cities and for online Cab operations but not for long distance journeys. In the case of electric vehicles for private use, home chargers available along with the vehicle, will serve the purpose by using your sleeping time at night to fully recharge your vehicle. Moreover the latest fast chargers available will complete your charging within two hours.

As far as an online Cab is concerned, the operations are concentrated within a specific city area limits and this will make charging much easier. We as a non profit Organisation aiming to reduce air pollution by all means recognize that charging stations are the most vital requirements for online Cab operations. We are fully committed to promote the vital aspect of charging requirements for electric vehicles which are operating as online cabs.

Green Asian Voice

Goodbye Petrol bunks

My home …. The best charging station

Lets charge our batteries at home... the new petrol bunk

86. How can a charging station be opened for electric vehicles ?

Setting up public charging stations shall be delicensed and any individual is free to set them up, provided the stations meet standards of the power industry. The person should apply for connectivity and the distribution company is bound to provide the same . Electric vehicle charging stations will be more profitable and less expensive than opening a normal petrol pump. A small 25KW charging station can be installed at a total expense of nearly ₹10 Lakhs and a 50 KW charging station will have a total expense of about ₹15 Lakhs.

Compared to the normal petrol pumps, it is extremely cost efficient and also you can install more charging units in the same place itself which will increase your profit margin considerably. Lack of awareness and the lesser number of electric vehicles on the roads makes it hidden from the business community about the success of opening an electric vehicle charging station. All formalities required to start an electric vehicle charging station will be guided by us with essential information because we are committed to take necessary steps for installing maximum charging stations without any hassles.

87. How profitable is it to open an electric vehicle charging station ?

Utility rates and tariffs determine charging station profits or losses. Profitable charging stations with reasonable utility costs, can expand and drive a greater buildout of vehicle charging infrastructure. The profit of the electric vehicle charging stations depend on the volume of electricity units consumed from the particular charging station where the incentives will be calculated on the amount decided for operators from every unit of electricity consumed.

Normally thousands of units will be consumed everyday and this will give a good monthly income which will be increasing day by day because the number of electric vehicles are also on the rise. Moreover, long battery range electric vehicles with more than 350 kms are also increasing considerably and this will also boost the income of electric vehicle charging stations.

The main aim of our Organization is to promote more charging stations across a particular country because if there are maximum charging facilities available, more will be the number of electric vehicles into the market and less will be the number of deaths caused out of air pollution.

Green Asian Voice

Let's go green

Air pollution does not need a Visa to travel across borders

88. Will a rise of ₹30 be a loss of ₹10 lakh for Cab owners?

Normally an online Cab is operated by two shift drivers during day and night with a consumption of nearly 20 litres of diesel everyday. This means an increase of ₹30 per litre of diesel which has occurred during the recent Covid-19 pandemic in India will become an extra expense of ₹600 everyday. So it will automatically become an extra expense of nearly ₹250 000 yearly. Diesel online cabs are easily operated for a minimum period of five years with the same vehicle due to the absence of long distance trips and when this yearly extra expense is calculated for almost 5 years, the loss will be nearly ₹10 lakh Indian rupees as of today. When we calculate the increase in oil prices for the next two years then the loss will shoot up to more than ₹15 lakhs which is unbelievable.

So electric Cabs are the only option for online Cab operations in the future and we are introducing all possible measures to convey this good news to maximum citizens of every country to buy electric vehicles for private use as well as online Cab operations and thereby promote a healthy Green environment, which will be the initial step of fighting against the disasters of air pollution.

89. Are electric vehicles safer than other vehicles ?

Another huge advantage of electric vehicles over the fuel powered vehicles is the safety aspect. There are no dangerous fuel tanks which store huge volume of combustible fuel that store hundreds of litres to cause explosions during accidents. Electric vehicles are safer due to the lower flammability of batteries. Incidents of issues with electric vehicles are far less than gasoline vehicles.

According to a study in the United states there are more than fifty thousand vehicle fires in gasoline vehicles as to negligible figures for electric vehicles. Moreover the electric vehicles are more in control of the driver, due to the absence of powerful fuel engines and over speed gears, but the overall performance of the electric vehicle is same in terms of speed and power when compared to the other vehicles. Evidence is growing and the exclusive study of the Insurance Institute of Highway Safety proves that electric vehicles running on battery power are more safer than fuel powered vehicles. In addition, an updated analysis of insurance data shows injury claims are substantially less frequent for such electric vehicles, which is one the biggest advantages.

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When you plant a tree you plant a life but when you cut a tree you kill a life

90. What will be the cost of an electric vehicle for Cab operations ?

Electric vehicles are available even for ₹10 lakhs which is suitable for private users with less trips. But the situation is totally different for an online electric Cab. If you want to buy an electric vehicle for generating maximum income out of online Cab operations, the battery range of the vehicle should have a minimum of 300 kms from a single recharge. Don't ever think or hesitate that these long battery range vehicles are really costly because the cost can be easily covered by the huge amount saved for buying fuel in diesel vehicles. Considering these basic facts and your social commitment, it's the perfect time to start buying an electric vehicle for Cab operations as well as for private use also and thereby promote a healthy Green environment in addition to the huge savings from the electric vehicles.

91. Is the zero Carbon emissions only for electric vehicles?

Electric vehicles will definitely be a new revolution on the roads because it acts as the real weapon for the fight against air pollution as well as a measure for removing global poverty for the common man. There is no alternative for electric vehicles in the world which gives zero Carbon and poisonous emissions. Apart from being a medicine for air pollution and climate change, electric vehicles are a dream alternative as far as savings is concerned because it has a huge difference in using electricity as an alternative for expensive petrol and diesel in fuel powered vehicles.

Hydrogen powered vehicles are also an alternative for electric vehicles which have zero Carbon emissions and other poisonous gases which normally generate from fuel powered vehicles but the cost for the Hydrogen powered vehicles are too high when compared to electric vehicles. As of today and in the coming decades, electric vehicles will be the only option for the common man to fight against air pollution from the transportation sector. Zero emission vehicles are referred to as Carbon negative vehicles or that emit less pollutants than other vehicles can be referred to as Carbon neutral vehicles.

As far as our Organisation is concerned we are adopting certain measures like solar houses to make sure that electricity produced to charge electric vehicles should not come from Coal fired power plants which create pollution but instead from renewable energies. Then we can categorically establish that electric vehicles are the only vehicles with zero emissions, when the electricity used to power the batteries of electric vehicles comes from Green renewable energy.

Smoke from Cars are like Cigarettes to Earth

92. How many companies have launched electric vehicles in India ?

Most of the automobile giants have already launched their electric vehicle models into the Indian market like Mercedes Benz with EQC, Jaguar with i PACE, Morris Garage with MG electric, Tata with Nexon and Tigor, Hyundai with Kona, Mahindra with Verito, Nissan with Leaf, along with Tesla and Volkswagen electric models coming soon. Some of the recent electric vehicles launched by automobile giants like Mercedes Benz, Jaguar and Morris Garage are outstanding electric vehicles with more battery range beyond 400 kms for a single charge and stylish designs too.

Now most of the automobile companies in the world are concentrating on launching their electric models to survive in the market. The automobile companies have no option whatsoever but to start the production of electric vehicles at the earliest. Now the world as a whole and even the respective Governments have become conscious about the disasters of fossil fuels resulting in massive air pollution leading to climate changes.

93. What is the income of owners who give their EV's for demonstration?

Demo income for the registered owner of an electric vehicle is a part of the awareness program promoted by the Organisation where your electric vehicle can be given for demonstration purposes during your free time to the Volunteers of the Organization near your place of residence. The vehicle should be given with enough battery charge and a driver and this will be a bonus income for the electric vehicle owners in addition to the huge savings of avoiding petrol and diesel.

There are many factors to be convinced for the common man to get more awareness of electric vehicles like absence of fuel powered engines, gear box, sound factor, smoke, vibration, normal number plates and moreover it's a fact that seeing is believing. These vehicles can be attached to the slot available in an application where the number of days allotted in a month for each pincode can be known very easily. The terms and conditions for these demonstration vehicles can be known clearly by interacting with the registered Volunteers in your locality. Demo income for electric vehicles is applicable for all types of electric vehicles ranging from scooter to buses. The Organisation does not have the provision to buy demonstration vehicles for this project and moreover it's not practical to buy so many vehicles for thousands of Volunteers in the Organisation.

Green Asian Voice

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Time is running out for making a change, better rising now will be wiser

94. How can solar energy be a solution for pollution ?

Solar energy has the least negative impact on the environment when compared to any other energy source. It does not produce greenhouse gases and does not pollute the water. It also requires very little water for its maintenance, unlike nuclear power plants. Solar energy production does not create any noise, which is a major benefit, since a lot of solar installations are in urban areas such as domestic solar panels. When we depend on other means of producing electricity like Coal firing plants the pollution will be huge and this is one of the main reasons for the increase in air pollution along with the poisonous Carbon emissions from petrol and diesel.

95. How can solar panels produce electricity ?

Solar panels take advantage of nature's most powerful, yet free resources which is the energy produced by the sun. Solar panels, also known as Photovoltaic systems, use semiconductor technology to convert energy from sunlight into electricity that can power your household for free. As long as there is sunshine, solar energy can be deployed anywhere. This is particularly useful for remote regions with no access to any other source of electricity. In addition to urban areas, many people around the world are struggling with no access to electricity. Independent solar systems could be deployed in those regions and improve the lives of millions around us.

96. How is the Organization promoting solar roofing ?

A breakthrough in the field of sustainable energy by the Organization, is an integrated solar roofing system that serves all the functions of a traditional roof, whilst generating solar energy. We promote integrated solar panels with a cement base which reduces thermal conductivity better than a traditional roof while enhancing the appearance of your roof.

Roof is key to a healthy building and with the cyclones along with heavy winds impending, It is time to brace the storm with a strong roof over your head. Our customised solar panelled roof has a unique leak proof design that prevents water from the roof entering the building, no matter how heavy the rain is. It's an ideal choice for terrains prone to frequent hurricanes and cyclones.

If one house is on fire we are scared then what about millions of houses

97. How is solar energy avoiding pollution as well as becoming a saving?

Generating your own electricity means that you will be using less from the utility supplier. This will immediately translate to savings on your energy bill. Apart from that, you can make money by selling the unused electricity, which you have generated, back to the grid. Through solar grants and green loans offered by the central and state Governments, you can make your green investment even more beneficial. The more energy you produce, the less you need from the supplier which will increase your energy self reliance.

Energy demand tends to be higher in the time frame between 11 AM and 4PM. Naturally this is the period when the price of electricity peaks. Solar energy happens to reach its maximum production capacity during these hours. Even though the timings of solar electric production are less it will not affect the day and night usage of electricity because the solar produced electricity is transferred to a grid and Government fixed rates will be there for the same which will be reimbursed for every unit of solar electricity sold to the electricity department of a particular state. If the usage of electricity is less than the amount to be received, the balance amount will be paid by the government and this automatically becomes a saving.

98. What are the extra benefits of customised solar roofing systems ?

First of all the appearance of the roofing is completely different from the ordinary solar panel roofing in the market. This roofing gives a value added feeling to the house rather than the normal solar roofing panels which spoils the look of the roofs as well as the house or building as a whole. As a result of the climate changes resulting from air pollution, the temperatures rising and clocking record highs over the past few years, cooling systems have become an inseparable part of buildings.

According to the global status report by the World Green Building Council, post 2030, India will erect buildings with 3 times more floor area and demand cooling energy services than ever before, as the reserve of fossil fuel is soon to run dry and alternate energy sources will be the best to power your high power demands. Solar roofing promoted by the Organization is a sustainable clean energy alternative that transfers into the building, keeping the interior cooler upto 3 degree celsius.

Green Asian Voice

Let's go green

Hold your breath for a while to know the value of money and air

99. How can Mangrove trees help in reducing air pollution ?

Mangrove forests can play an important role in Carbon removals because they are among the most Carbon dense ecosystems in the world and if these forests are not destroyed like what happened in Malaysia, Indonesia, Myanmar and so on then the Mangrove forest soils act as long term Carbon sinks. We conduct awareness programs to various Governments for promoting Mangrove forests to the maximum because effective action on climate change will require a combination of emissions and atmospheric Carbon removals. Protecting, enhancing and restoring natural Carbon sinks must become political priorities to fight climate change.

Actually Carbon sequestration by Mangrove is the amount of Carbon that accumulates in wood or soils each year and remains stockpiled there when isolated from the atmosphere. The world's Mangroves store 24 million metric tons of Carbon in soil every year which is a great blessing for the universe but has to increase in plenty, though deforestation makes the situation most pathetic where millions of metric tons of Carbon emissions are released.

Moreover mangroves also reduce flooding and erosion from storms and also filter pollutants from water. Mangroves have a big impact on climate and they are considered as power houses when it comes to Carbon storage where most of this Carbon is stored in the soil beneath the Mangrove trees.

100. What type of people will be the workforce to promote this concept ?

We are appointing socially committed people as volunteers for doing this project with a clear scrutiny about their social attitude, rather than the greed for making money, even though they are heavily paid. Volunteers will be from all walks of life especially from freshers and youngsters who are struggling to find a job and in fact socially committed people irrespective of age, with special consideration for people who are struggling to support their poverty stricken families. Even retired hands will have the opportunity to fulfil their social commitment and an easy way of earning too.

Our Volunteers should have a deep care and concern for the nature with proficient communication skills in english and their local language. Above all they should have a real thirst to save the people, with the attitude of a soldier who is patriotic enough to stop a huge disaster for their mother country. You can apply for the post of a Volunteer by sending your detailed resume with latest photograph to careers@greenasianvoice.org.

Green Asian Voice

Let's go green

We need climate leaders to promote our Green Revolution movement

101.What are the qualities you need to work as our Volunteer ?

Volunteering presents the rare occasion for you to push yourself into a cause you care deeply about, meet like-minded people and see the tangible results of your actions shaping the world for the better and thus making your life more meaningful. Volunteering could just be the next wonder drug. But just like diet and exercise, medical experts advise that only real effects can be seen if the Volunteering is done regularly and often, so choose a cause that you're passionate about.

There are tons of causes that are trailblazing change in the world with the help of Volunteers especially the air pollution factor that reduces the healthy age of people and killing millions of people every year. These are the qualities you should have or develop to become a good Volunteer with us.

INTEGRITY

Integrity is an essential leadership quality for a Volunteer, which means having good manners and being genuinely appreciative of the people around you, followed by honesty, trustworthiness, responsibility, patience, helpfulness, graciousness and many more. A Volunteer can be said to have integrity when they have strong ethical and moral principles. A Volunteer with integrity tends to behave honourably in all the different life situations they find themselves in especially in the Organisation. They will be reliable in the workplace and you can count on them to do the right thing in the right situation, whether they have to make an important work decision, collaborating with their colleagues or attending to the requirements of the people, without an element of discrimination.

There are three acts of integrity in Volunteering which is to take responsibility for your mistakes, respect others and to really work hard. If something goes wrong, then try to get maximum help and make it the right way by not getting afraid to speak up and talk about what went wrong. With the help of your Team leader , you will likely be able to work through the problem and avoid future mistakes.

When you are working with a team, respect is vital. Practice strong lines of communication and healthy conflict resolution to make sure that everyone feels safe and informed. The lack of integrity can manifest itself when either one or both of the Volunteers, either on the same administrative level or on different levels within the Organization hierarchy are less than honest with each other in a discussion.

Volunteers do not necessarily have the time but they have the heart

COMMUNICATION

A Volunteer whose mandate is to do humanitarian work need to ensure that they are proactive in communication. The role of communication of a Volunteer is to share information, protect the project reputation, and engage in conversations that inspire people to join their Organization in fulfilling its mission. By having excellent communication skills, it is his duty to make everyone happy and keep up the high energy level of their fellow companions during this humanitarian mission of finding remedies for the drastic effects of air pollution which is killing millions of people.

Communication can be proactive, interactive and reactive. Ways in which your statements can be proactive is through, doing community presentations and speeches, designing flyers and leaflets, creating and sharing content through social media, supporting fundraising, community events, direct house to house meetings, office to office meetings, even over the phone and further being online too.

Ways in which your words can be reactive is through responding to media inquiries, responding to social conversations, promoting your Organization project and reputation, creating talking points or other messaging, being interactive through monitoring conversations on social sites, participating in conversations, engaging supporters as well as critics etc.

PASSION

Passion for the cause they're contributing to and a willingness to learn about the work of a Volunteer with a spirit of happiness will be a key factor. We believe breathing and experiencing from the culture of local communities, and tasks at hand, Volunteers will realize that they are gaining from this experience and not just giving, and this will make them more passionate If you are not a passionate Volunteer you will have to learn volunteering skills and there is nothing bad about that.

Passion in volunteering is something sacred because they do a phenomenal job by contributing to the development of society without expectation of monetary remuneration. Real passion for volunteering will develop a deep interest in interacting with others to solve problems and thus develop the sphere of influence over a period of time. Passion of volunteering will rise out of the deep interest in sincerely interacting with others to solve their problems by finding a solution. He should try to collaborate with peers and develop a sphere of influence over a period of time

Volunteers work for a cause and not merely for applause

COMMITMENT

Organizational commitment is defined as a view of a Volunteer psychology towards the attachment with the Organization. A good Volunteer makes a real commitment and never breaks it. They start their work on time and always finish it on given deadlines. If a Volunteer makes a determined commitment, then it helps to predict the employee satisfaction, employee engagement, distribution of leadership, job performance, job security and similar such attributes. A Volunteer becomes a real social worker when his emotional attachment peaks towards the organization and the project which he is concentrating on because the depth of the volunteering can save millions of innocent lives in the case of doing a project like this which is fighting against air pollution.

High level of active commitment, has more chances of making a Volunteer staying with the organization for a longer period. He should not only be happy but also be engaged in the Organizational activities like, participation in discussions, meetings, giving valuable inputs, suggestions that will help the organization, proactive work ethics, etc.

A sincere Volunteer should always think that leaving an Organization would be costly after investing enough energy and feel attached to the Organization, both mentally and emotionally. A real committed Volunteer feels obligated to stay in the Organization, where they have grown so much and learned so much from rather than, switching between Organizations, adapting to more unprofessional and non moral behavior.

HUMILITY

Volunteerism lies at the root of our humble professional work. It's a freedom from pride or arrogance where the quality or state of being humble should be one of the most essential qualities of a good Volunteer. A real humble Volunteer will acknowledge that they don't have it all, and will definitely know the difference between self-confidence and pride. They seek to add value to others and take responsibility for their actions. They are always filled with gratitude for what they have. The humility to understand that the needs of the communities they are working with may not be what the Volunteer thinks they are and the resilience to be able to deal with climates and conditions that might not be favourable makes a humble and patient Volunteer.

Green Asian Voice

Let's go green

Volunteers don't take salaries, not because they are worthless but priceless

ANTICIPATOR

A good Volunteer sets his or her agenda aside and puts yours first by anticipating what you need and doesn't just wait to be told what to do. An anticipator is a Volunteer who is able to guess what will probably happen and this quality of a Volunteer will help him to behave in such a manner that things should go according to what was anticipated. This automatically boosts his confidence in the end when the anticipated factor originally happens.

A good anticipating Volunteer will have the emotions involving pleasure, excitement and anxiety in considering some expected or longed for good event. It is the process of imaginative speculation about the future which helps a Volunteer to behave at his best with confidence.

ENTHUSIASTIC

This is a essential quality if you want to use the volunteering opportunities that come your way. Everyone knows wisdom but only a few can follow its path. You cannot just lay in your bed and want the world to be a better place. You need to get on your feet, get hustling to start seeing the change. Enthusiastic Volunteers outwardly express energy in everything they do by attacking all activities with a sense of positive urgency and look forward to new challenges with zest and thereby every obstacle becomes an opportunity to recharge and refocus. A good enthusiastic Volunteer will be energetic, passionate, always find a reason to be happy by doing something more extra than others and in the end will always be successful.

Volunteers displaying enthusiasm will have a hunger to learn and expand their abilities to deliver the best and stay ahead of the game. Learning and growing will be one of the strongest tools they will acquire in their professional lives, with it's benefit that can cross over productively into every aspect of their lives beyond their profession as a Volunteer. An enthusiastic Volunteer in everything you do will become more memorable with superiors which helps you in progressing your career.

When you are enthusiastic about a social cause like fighting against air pollution or climate change your energy will be contagious and spread to others. You will find that your positive spirit can motivate others to take action towards the cause as well and it automatically enables to bring out the energy you have stored somewhere inside you .

Volunteers when seeing a need they take the lead

ADAPTIVE

Once you are on the path of Volunteering you cannot be choosy, your goal must be to do good to the world and that cannot be a very laid back or feel good thing all the time. Adaptable Volunteers can possess elastic like energy, a willingness to bend and break habits, to challenge themselves when the circumstances change. They tend to face problems, pivot among distractions, and politely proceed forward to think ahead and consistently focus on improvement. An adaptive Volunteer is capable of being adapted and able to adjust oneself readily to different conditions.

Adaptability is a soft skill that means being able to rapidly learn new skills and behaviours in response to changing circumstances and those Volunteers demonstrating adaptability in the workplace are flexible and have the ability to respond effectively to their working conditions, even if things don't go as planned. Being able to adapt to changing environments and work processes makes you a competitive job candidate and a strong overall professional. Having adaptability skills means you are open and willing to learn new things, take on new challenges and make adjustments to suit transitions.

IMAGINATIVE

To make a larger impact you have to be smart and more importantly creative and imaginative. The world is a complicated place and there is an unending number of people that need help. We are not asking you to race and be ambitious but you could find the most effective way to give out the best results. Imaginative Volunteers will possess four different recognised characteristics such as motivation, expertise, risk taking and social skills.

One of the core attributes of imaginative Volunteers is a high degree of self motivation and also demonstrates some degree of self-satisfaction. They either feel that they have made a difference or that they can make a difference to the way things happen. They want to feel that they are contributing to the success of the task and are enthusiastic, attracted by the challenge and feel that they are working on something important. To be imaginative requires a willingness to try something different, to see something in a different way by being flexible enough to accommodate unconventional approaches or idea that will create confidence and happiness in the minds of the people, so as to make them change a decision that was followed for decades.

Our Volunteers feel that the highest of distinctions is service to others

MOTIVATOR

Being motivated is one of the most important qualities for volunteering. Since we are not doing anything for ourselves and while doing charity the human brain in us questions our motivation to act. But if we have enough love for the will to change the world into a better place, we will always find the motivation and energy to do good deeds. A motivated Volunteer is the best kind of Volunteer, and we try to keep it that way by motivating our Volunteers with effective promotions and appreciation. The first step ahead of a Volunteer is to become a Team leader, who will then impart this right motivation to their respective teams and get great results.

As a Team leader in volunteering , it's the job of the latter to inspire and motivate others of your team to work to the very best of their abilities. It demands a number of qualities that encourage those around them to succeed. A Volunteer is a vital part of the Organization and it is he who communicates and spreads the message of the Organization to the citizens of a particular country. He should give his team, vision and purpose of being here as a Volunteer, set clear goals, lead by example, encourage teamwork, be optimistic and positive, give praise and rewards, empower team members etc.

TEAM PLAYER

Every Organisation relies on effective teams to drive it towards success. You will have to work with people while doing any acts of kindness and charity. You will have to adjust with people keeping your individuality alive and be focussed on the common goal of making the world a better place. Committed team players give their time and energy to someone or something they believe in and become more committed.

A dedicated team player showcases skills like commitment to the team and cause in all possible situations, flexibility, reliability and responsibility towards the project they are engaged in, proficient communication amongst the team both in terms of good speaking and great listening, respect and tolerance for differences and challenges ahead of them, they should also be great problem solvers and so much more as a team of versatile people. Team players who do things without any expectation of return, conditions or rewards, the latter will never turn back, until they achieve their goal, whatever may be the outcome etc, are some of the best qualities.

Volunteers don't just do the work, they make it work

SEEKER

If the Volunteer is a seeker of truth then they have the wisest and most powerful quality. The more you will ponder over life and see the world around, you will realize that the most meaningful thing is to make the lives of people better and put them out of suffering and that is what our organization is concentrating on by focussing on reducing the air pollution that hurts billlions of people universally. A seeker as a Volunteer is someone who always wants to know more, to the point where their mind becomes restless. Seeking isn't just about observing and gaining knowledge, it's about exploring the whole world. Seekers are free thinkers who enjoy understanding as much as they can about their chosen interests and the wider world.

They want to get to the big picture, not by sticking to set theories or approaches, but by letting themselves experience and play with concepts, exploring and gathering insight. They aren't prone to being stubborn but have reservations about claims of absolute certainty, especially if it sets an approach, direction, or concept in stone. This is partly because seekers in Volunteering are generally forward-thinking and interested in how things could be improved. For them, achieving big things demands exploring different possibilities. They're imaginative and like to juggle many ideas in their heads to see where they lead by always mapping out new mental territories.

OWNERSHIP

You know it now as a piece of information but once you experientially understand it, you will become a different Volunteer altogether, you will not be directionless anymore, rather you will take ownership of your project and responsibilities and map out the direction and plan of action for accomplishing your goals, representing your organization well before the world and promoting the cause in the best interest.

This creates a feeling within the Volunteer that he was born to take up this project which is to reduce the disasters caused out of air pollution. As far as this organization is concerned a Volunteer knows the fact that millions of people are dying every year due to the drastic effects of air pollution and if he is a reason to reduce any of those deaths by taking ownership of this reality and the project he is doing, then he will be the most satisfied person on Earth.

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Let's go green

Be the heroes to save the planet before we all become zero

MONETARY SECONDARY

Volunteers perform better when they feel that, what they do is meaningful rather than for monetary benefits. We as a non profit Organization strongly feel that Volunteers should be heavily paid for the great work they are doing and not make use of them by capitalizing on the social commitment they have. The vast majority of people Volunteer not for monetary reasons but many for a so called warm glow, which is for a positive feeling. Volunteers display a stronger desire to donate time and effort than to donate money. Even though this is the fact, we will be one of the very few organizations in the world where the honorarium for the Volunteers will be at its best.

A sincere Volunteer is someone who gives their time, talents, and energy to an Organization without monetary compensation. As someone who works as a Volunteer manager, the latter should see Volunteers as generous and compassionate people, because they are willing to give so much to charities and non profits, usually without receiving tangible benefits. Of course, there are lots of intangible benefits, like experience, feeling good about life etc.

DEDICATION

A true dedicated Volunteer would exhibit passion and they really care about the cause they have volunteered for, which makes them excited. They are eager to help by being around like minded people that inspires their excitement. They work hard and push forward through challenges to achieve the cause's goals. Dedicated Volunteers keep promises and dont make frequent excuses. They dont shy away from responsibilities and even own up to their own mistakes, plan themselves in advance, they dream high and are the most patient.

To become a dedicated Volunteer you should try to possess qualities like setting big and clear goals because when you challenge yourself to achieve bigger goals, you really dedicate yourself to the craft. Always make sure that every day matters and avoid battling with the plans by building a no-matter mindset. You should show up on time by getting to work and meetings on time. This shows that you have strong time management skills and that you are valuing your colleagues time. Always try to be a helpful resource by creating a positive Organization culture too. Asking smart questions and sending feedback are also the best qualities of a dedicated Volunteer.

Green Revolution is the best solution to arrest pollution

BELIEF

A good Volunteer will also be empathetic upon knowing someone or having been in close contact with those affected by the cause. Ultimately, you should Volunteer for something you believe in. There are many ways for a Volunteer to believe in themself like accepting the current situation with a positive frame of mind. Always thinking about your past success and trusting in yourself will definitely increase the confidence and belief in the work you do at present. Try to talk with yourself the way you are going to present the project to others after getting proper knowledge about the same and dont let fear stop you from going forward.

No one ever became ridiculously successful without a strong belief in themselves. At work, if you believe in yourself, you will take on challenging projects. By engaging in bigger projects, it's easier for your employers to recognize you. Belief in oneself is also an essential characteristic of a leader. If you doubt yourself, so will others. It's a fact that a healthy level of confidence is essential to stand out in your job and advance in your career.

We are prone to doubting ourselves, especially at the workplace. There are many reasons for lack of confidence at work. You might have made an error that caused you to doubt your abilities. It could be that you have less experience, lack of skills, you're new, or you're just being too hard on yourself. Be never too late to start believing in yourself and boost your confidence at work. Even the most successful and confident people start off with little or low self-confidence but through their own efforts, they become more confident and braver.

By believing in the project makes the Volunteers feel that they are part of the Organisation and their contribution is really valued. Belief is a key factor to give the best and also get the best ever experience as a true Volunteer. Belief in the project will automatically force the Volunteers to give their valuable time, skills, knowledge and experience to make the project a great success. They will make their tasks more quickly by doing as much as possible and always strive to be in the first place with regard to maximum contributions for strengthening the project in all possible ways. The more the belief in the project, the more will be the depth of work to get better results. Volunteers like any of us, will feel better about their work and their positive contributions appreciated on a daily basis as the belief of the project gets stronger and stronger.

Sea level rise due to global warming may witness the end

RELIABILITY

Reliability is so important as many people Volunteer are not consistent because it isn't looked at as a job. But when you Volunteer the Organization needs to know that you will be there with the best when you are supposed to. Volunteer reliability is the extent to which a Volunteer completes explicitly agreed upon assignments and delivers the contributions promised to the Organisation or in other words, it captures the extent to which the Organisation can depend on the Volunteer.

Reliability and consistency are crucial when it comes to Volunteering for bringing about a total change in the environment around us. Being a reliable Volunteer will show others that you have taken the project seriously and it will be great if you can Volunteer for a long period of time, may be several months or at least the period of time that has been agreed in advance which will be one of the wonderful qualities. Exceptional Volunteers will immediately recognise the importance of reliability and trust. They will make a concerted effort to show up when they're meant to and they'll be on time. Basically, you'll never question the commitment of a reliable Volunteer and about their positive role.

FLEXIBLE NATURE

A perfect Volunteer should always be flexible in his attitude as well as activities which helps him to cope up with any unexpected situations or hurdles that may arise while doing the most delicate project of reducing the use of oil completely which has been in great demand for decades without any change and in fact always increasing. We can't always predict when changes are going to happen, much less prepare for them. That's why flexibility is so important. When a Volunteer is flexible, they typically are also versatile, resilient, and responsive to changes, while keeping calm and making sound decisions without unruly outbursts. Flexible Volunteers understand and manage situations by looking at them from different perspectives.

Flexible volunteering really should be about the ability to help out by offering your services as a Volunteer as and when it suits you with no regular pattern of commitments or a minimum stipulated number of hours in a week. Flexible volunteering initiatives will be to increase the number of Volunteers on their books by offering alternative ways in which they can Volunteer their services at a time to suit them .

Green Asian Voice

Let's go green

Invest in electric vehicles and solar equipments rather than poisonous fuel.

SMILE

No matter what you are Volunteering for, you should always end up with the smile on everyone's face, including yourself. When you flash a genuine smile, it's an open invitation to say that you're friendly and willing to interact with others. You're also perceived as more trustworthy and agreeable. A true smile shows you're willing to cooperate and that you're worthy of another person's time and attention. Smiling is an innate part of being human where it has been consistently linked to a person's attractiveness. A smiling face tells people that you're an outgoing and intelligent Volunteer.

Volunteers with a smile will be more energetic because it is good for your health in a number of ways. It can reduce stress, help heart health, lower blood pressure, and boost your immune system by decreasing cortisol in the body. A simple smile, genuine or even forced, prompts the brain to produce endorphins and serotonin, causing positive emotions. The smile of a volounteer is critical for people's perceptions and a warm, genuine smile communicates feelings that words alone cannot convey. A great, confident smile radiates warmth and allows people to feel at ease and makes a great first impression.

A smile transmits confidence and professionalism for a Volunteer. When you project a positive vibe, people assume you're friendlier and have better leadership skills. A smile can show so much, and the meaning of a smile may change depending on the social setting. Smiles bring benefits, and humans smile more depending on whom they're talking to, and their smile may even predict their future. So smile is one of the most essential qualities of a good Volunteer and his smile makes a lot of difference to whom the people he meets and for also good for him to forget his own problems too.

A Volunteer with a genuine smile drives the fact that you don't just talk or smile about your desire but instead you actually put it into action, with an element of extra energy and enthusiasm. Smiling while Volunteering enables us to experience the beauty of humanity and gives us a pleasant reason to live happily. It actually gives you a chance to open your doors for expanding your horizons, to achieve your goals and thereby build your career path with a positive frame of mind by distributing the happiness in you with the genuine smile you produce. Smile can hide your personal problems in reaching your people whom you interact and thus make you the most perfect volunteer by giving importance to care for others happiness than our problems.

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Let's go green

Earth is really weeping about its stature and our future….

SELF SATISFACTION

There are many qualities of a Volunteer but the biggest of them will be self satisfaction because it automatically generates the needs of the latter as well the society, nature and the universe as a whole. Small acts done together with utmost satisfaction by millions will surely transform the whole world. Self satisfaction or Job satisfaction is defined as the level of contentment , that the employees feel with their job which goes beyond their daily duties to cover satisfaction with team members, managers, satisfaction with organizational policies, and the impact of their job on employees personal lives.

Self satisfaction increases when Volunteers have a good relationship with their peers and managers, when the work is stimulating and where their work style and personality fits in with the company culture. Self satisfaction of Volunteers depend on appreciation of their work, good relationship with colleagues and superiors, financial stability of the organization, job security, attractive honaraerium, opportunities for more learning and career development, good work life balance, working environment, fair policies and practice, Volunteer caring Organization, quick promotion of Volunteers etc.

NEED OF THE HOUR

Volunteering is the need of the hour where there is a very minute percentage of people who are thinking for the society as a whole. All that a general person does is think about the different ways of earning. We have selfishly taken away from the society and nature. Climate change, air pollution, global warming, natural cleanliness, peace and harmony within the society, animal care, afforestation, elderly care is not of importance to us anymore

It is about time that we start paying back to society before it turns into being a bunch of people working like robots, without any feelings and surviving on borrowed air. So in the middle of busy schedules of people and without hindering their strict personal activities, Volunteers will definitely make a lot of difference by doing something fruitful for the nature that can give clean air to breathe which benefits each and every citizen of a particular country. The volunteerism management structure needs to work towards cultivating empathy, motivating action, driving ownership, and generating pride for the desired change.

Green Asian Voice

We are always there with any one who is voicing against air pollution

TRUE CITIZEN

As a citizen of this country we have many duties at our end as many we have rights. We are responsible for the future and nature of our country and therefore it is our responsibility to leave this place in good shape. Apart from leaving behind a good place for our descendants, it is our duty to teach them the same because it is said that children learn by watching their elders. Therefore it becomes our social responsibility to train our future generations for being complacent towards such matters and our Volunteers will be keen in doing that.

Volunteering helps to be a real true citizen even at the moment when they make a brave decision that my first job or the start of my career will be as a Volunteer in a charitable Organisation for a specific period of time which he feels comfortable with .

FRESHER

Volunteering at a young age brings first hand experience. As everyone knows, practical learning is always better than theoretical learning. So if one Volunteers at any Organisation, he gains an experience of a lifetime also. If one looks from a job point of view, serving as a Volunteer in any Organisation adds shining colours to the resumes especially with international non profit Organization like us. Moreover if you take a decision that your first job after your studies will be as a Volunteer in any of the non profit Organizations in the world then you will automatically be blessed by the gifts of nature and the struggling millions who are eagerly waiting for a sincere contribution from the project which you are concentrating on.

There's no age limit when it comes to volunteering, and it can do wonders for teens looking to build better social skills and are more likely to engage with volunteering if they sign up with a friend. An isolated or 'hard to reach' teens are more receptive to volunteering if they take part in informal tasks where they can form relationships with staff workers, helping run activities, work of reducing air pollution etc. In cases like these, volunteering can help boost a young person's confidence and open up new friendship circles in environments outside of school or college. Volunteering can serve as a great catalyst for connection for when you're in a new environment and looking for a community, or whether you're simply looking for more intimate local friendships.

Green Asian Voice

Let's go green

What we sincerely save, saves us too.

BENEFITS THE VOLUNTEER

Volunteering is basically giving your time without any expectations in return. It just provides not just social benefits, but individual health benefits as well. There is something gratifying about Volunteering only, if the intentions are altruistic. One of the great ironies of life is that, one who serves almost always benefits more than he or she who is served. Its because the Volunteer is always rewarded for the activities he is doing when the public has no other option to receive a minimum of help from anywhere except some false promises at the time of elections.

Many studies have found that when you make a decision to be a Volunteer in any Organization, it will make a difference in you. Volunteering to help others might be more beneficial to the Volunteer than doing something to benefit yourself. The benefits of volunteering will compel you to continue finding the time and ways to help out others in need. Volunteering makes you feel that you have more time and it's like a person who donates for charity feeling wealthier.

ENJOYMENT

You will have a richer and more enjoyable volunteering experience if you first take some time to identify your goals and interests. The opportunities that match your goals and your interests are most likely to be fun and fulfilling. Normally you get a much healthier mentally and physical situation while experiencing genuine volunteering and also reduce stress levels. Volunteering also improves the mood and self esteem which naturally brings joy to the Volunteers.

You will have a richer and more enjoyable volunteering experience if you first take some time to identify your goals and interests. Think about the reason which is tempting or prompting you to become a Volunteer and closely analyse that what you really enjoy doing matches both your goals and your interests which should be most likely to be fun and fulfilling. The best Volunteer experiences benefit both the Volunteer and the Organization. The real fact is that a genuine Volunteer will always feel that volunteering is a fun and easy way to explore your interests and passions which makes you the most enjoyable person. Doing Volunteer work you find meaningful, interesting, relaxing and energising escape from your day to day routine of work, school or family commitments.

If the Earth is not becoming cool then it will become a pool

STRESS RELIEF

Volunteering reduces anxiety and combats depression. It seems to help people counteract the effects of stress, anger, anxiety and depression amongst Volunteers and makes them happy. Some Volunteers recover quicker, sleep better and have healthier immune systems when compared to non Volunteers. The social contact aspect of helping and working with others can have a profound effect on your overall psychological well-being. Nothing relieves stress better than a meaningful connection to another person. The more you Volunteer, the more your brain will develop and grow. And when that happens, you acquire new skills, develop unique experiences, and build your self-confidence which naturally reduces the stress factor which most of the non Volunteers are suffering with.

Volunteering is a great stress buster if you take out time from your busy schedule to perform some selfless act, which brings a sense of happiness within one's heart. You feel elated and your heart smiles to know that your contribution would bring a change in someone's life. Of course money is a vital matter for existence but serving without that feeling gives a different mood of satisfaction that no other materialistic thing can match. Even though it's a fact, our Organisation will be the happiest to give maximum honaraerium to the Volunteers.

VOLUNTEERS SCORE

Volunteers have better personal scores than non Volunteers where there will be emotional well being including personal independence, capacity for rich interpersonal relationships and overall satisfaction with life. Volunteer work even help to manage chronic illness by keeping people active and taking their minds off their own problems.

Real help for the struggling lot can be expected from the Volunteers of non profit Organisations only, rather than the politicians of the political parties because the latter has lot of limitations to maintain the power which they have gained out of many struggles or the desperation to get into power which can shower promises beyond imagination. In all sense Volunteers always scores more than politicians with regards to happiness, work satisfaction, health conditions, mental satisfaction and the most important difference is that the politicians are not getting paid for the social work which they claim to do except for the men in power.

When you refuse to reuse, it's our earth you abuse

LIFESPAN

Another unbelievable fact is that Volunteers have a higher average lifespan than their peers who do not Volunteer. Volunteers have lower levels of depression, increased life satisfaction and enhanced well being. The most important benefit of Volunteering is that they are more likely to enjoy a longer life than those who don't Volunteer.

Volunteers with heart problems may have reduced chest pain as well as lower cholesterol levels when compared to non Volunteers. This factor may have many criticisms but the reality is that nature will give extra care, concern and protection to those saving nature by dedicating their life for the same. Moreover the blessings of the millions who will be saved from the drastic effects of air pollution will be an added advantage to support the claim of increase in life span of Volunteers.

LONELINESS

Volunteering connects you to others and strengthens your community along with your social network. You make connections with the people you are helping and you cultivate friendships with many in the society because they need you very badly and also makes friends with other Volunteers thus warding off the factor of loneliness. In fact, recent medical journals say loneliness is on par with smoking and obesity because it increases the risk of heart disease, blood pressure and stress on the body. With its effects now being linked to smoking 15 cigarettes a day, medical professionals have woken to the physical threat that loneliness can have.

If you've been on furlough for a few months, the social interaction may be beneficial for your mental health. By surrounding yourself with people who share your passion and enthusiasm for a cause, you're allowing yourself the opportunity to build those lasting connections which removes your loneliness. It would be naïve to think that loneliness only affects an aged population but the reality is much more within the younger ages and the solution is volunteering.

Don't take the loneliness factor lightly because your academic years will be difficult to make you lonely but after that when you start your career by engaging yourself in your first job will definitely find it easy to be lonely but never in the case of volunteering.

The measure of intelligence is the ability to change

MEANINGFUL LIFE

Volunteering presents the rare occasion for you to throw yourself into a cause you care deeply about, meet like-minded people and see the tangible results of your actions shaping the world for the better and thus making your life more meaningful. Volunteering makes a sense of purpose and fulfilment by working towards a particular goal which saves the lives of many and this most valuable contribution to the society will naturally increase the sense of purpose in life which makes it really meaningful. Volunteering helps counteract the effects of stress, anger, and anxiety. The social contact aspect of helping others can have a profound effect on your overall psychological well-being.

Nothing relieves stress better than a meaningful connection to another person. Volunteering can provide a healthy boost to your self-confidence, self-esteem, and life satisfaction. You are doing good for others and the community, which provides a natural sense of accomplishment. Your role as a Volunteer can also give you a sense of pride and identity which makes life more and more meaningful. Helping others improves social interaction, distracts people from their own problems, improves self-esteem and competence. Physical well-being by helping others leads to increased social integration which allows people to lead more active lifestyles. Volunteering can also give the Volunteers a deep sense of happiness, both immediately and long term.

LOVE

What makes volunteering so great is the love we get from people whom we did not know earlier which is a wonderful feeling. It gives a sense of value and happiness than no other work can give. For other jobs the boss and his family is the real beneficiary and we will be dedicating the most valuable part of our life for them but as a Volunteer you are benefiting plenty of people, society and nature.

As a Volunteer appreciation you get from the people will give a sense of purpose in life. Volunteering done out of love and care for others or if you start doing something you love, then you will automatically become one of the happiest people on Earth. Love is not a skill to develop and so are volunteering skills, even though not everyone is born with innate volunteering qualities. Love is what you give for others and not take from them and we do that.

Green Asian Voice

Let's go green

Reducing Air pollution will automatically make the Earth cooler.

GLOBAL OPPORTUNITIES

While Volunteering with an international Organisation like us which is aiming to solve the universal problem of air pollution can open up opportunities for you to go abroad, as many Organisations and programs put on voluntourism trips across the globe. Air pollution is an universal disaster affecting each and every human being and even the planet as a whole. Awareness about this disaster and the concerned activities of our Organisation to reduce air pollution has to be concentrated in all countries, either with the association of other charitable Organisations operating with the same cause in that particular country or opening our new branches in countries where similar suitable Organisations are not in place.

Climate change effects resulting out of air pollution have already started actions globally and this issue has to be addressed internationally at the earliest. Rise in sea level due to global warming is affecting everywhere, as the sea level is same everywhere whether it's in in India or the United States and the adverse effect of rising sea level is a global warning which has to be considered with utmost priority. So from the beginning itself our Volunteers will be trained thoroughly for being capable enough to spread this message of global disaster arising out of air pollution in any country across the globe. The challenge for the Organisation is to provide an environment that allows for each of its Volunteers to see their role as something important and that their participation is critical. It is equally important to provide a recognition system that matches the motivating factors and become a real professional Volunteer to excel in any part of the world.

VOLUNTEER TO TEAM LEADER

The first promotion of a Volunteer will be as Team leader which can happen any time after the first three months of probation which is at the sole discretion of the Oganisation. As a Team leader in Volunteering , it's your job to inspire and motivate the others in your team for working to the very best of their abilities and demands a number of qualities that encourage those around them to succeed. Increasing your leadership quality will make you a totally different person in the Organization where you can be easily promoted further within a short span of time to lead further responsible roles with maximum facilities.

Green Asian Voice
Let's go green

Products of Air pollution

Global warming....Climate change.....Sea level rise.....Chronic diseases

Climate change is no longer far, now it's happening here with visible changes

LEADERSHIP

The first quality which makes a good Team leader in volunteering is the strong leadership skills. A Team leader always lead from the front and holds their fellow associates as a team and never leaves their companion in trouble. Leaders shape our nations, communities, and Organizations. We need good leaders to help guide us and make the essential large-scale decisions that keep the world moving. Consistently, they should possess leadership qualities like integrity, ability to delegate, communication, self awareness, gratitude, learning ability, influence, empathy, courage and respect.

Leaders often face extraordinary challenges, both at a personal and Organisational level. They work long hours with limited resources in uncertain, volatile, political and economic circumstances to help the most marginalised and disadvantaged members of their communities. So leadership is one of the vital essentials for boosting the projects of the Organization.

Leadership skills include planning projects, managing time, motivating individuals, giving feedback and building teams which are more important than experience or college education in defining successful leadership qualities of a Team leader in Volunteering. Working side by side with other Volunteers from very diverse backgrounds and the ability to interact with others is important to advancement. A Team leader should not only handle different Volunteers but also face different tense situations by learning the value of diversity , strong communication, mutual respect , shared planning, cooperation and working towards common goals .

A Team leader will have more opportunities to interact with people at multiple levels of an Organisation. You may be on a committee with people from all levels of the Organisation including the different leaders of the Organisation to a new Volunteer of the Organisation. A Team leader will have the opportunity to try new challenges without the fear of financial or career repercussions. A Team leader can excel more confidently in a supportive, low consequence environment and also expand skills to gain confidence . A Team leader by gaining experience in tackling new challenges, the latter will be more confident when faced with challenges in Organisation. So leaders should be confident, proactive and they should take initiative at their field of work by anticipating possible problems and act in time to correct the situation or act smartly to prevent such a situation.

Green Asian Voice

Let's go green

Carbon is killing our Planet, use less fuel or you will become useless

APPRECIATION

A word of small appreciation uplifts the mood of people who are being appreciated, and at the same time, it makes the person who appreciates feels a sense of generosity and satisfaction. By genuinely appreciating a person, you provide them with a sense of value for them, and they will reciprocate the same. So it is of utmost importance to learn the art of appreciation to attract a loving and caring person around you. A good Volunteer program needs appreciation from the participants and this would be delivered by saying nice words which results in enhancing the working capacity of the Volunteer. At the end this volunteership will support the campaign. Volunteering takes time and energy and, to state the obvious, it's not like they're getting paid. The most satisfactory aspect is the appreciation you get for volunteering to make them know how profoundly appreciated they are.

USE OF APPRECIATION PHRASES

Here are a few simple phrases that are mixed and matched for all the positive deeds of the Volunteer... thanks for all you do, we couldn't get along without you, your team makes our dream work, all of your Volunteer work is greatly appreciated, we are so grateful for your hard work, thank you for your time and patience. we love our Volunteers, your help was so important to our project, we owe it to your hard work and dedication, thank you for volunteering your time and expertise, thank you Volunteers for your amazing generosity and dedication, this project couldn't have been as successful with your involvement, thank you so much for volunteering.

Some appreciations will definitely be a morale booster for Volunteers like Volunteers are special, we appreciate you and everything you do, words cannot express how grateful I am for your willingness to Volunteer, your generosity means the world to the people we serve, your group was amazing, thank you for thinking of us, your dedication as a Volunteer is an inspiration to others seeking to serve, with deepest gratitude for your commitment to serve, I thank you on behalf of the organization and the people we serve, your generosity is seemingly endless. we thank you for your amazing generosity, we are humbled by your generosity, both your volunteerism and financial donation thank you for your unwavering support etc. The Volunteers deserve these type of phrases to get appreciated for the good work they are doing and a Team leader is bound to use these thankful words.

It's better to listen to the science by considering the recent negative signs

LEAD BY EXAMPLE

One of the most powerful motivation you can use is to lead by example. Working hard, showing professional integrity, and having a can do attitude are all qualities that will have a positive effect on your team. If your team recognises that you value the time and effort they put into their work, and you demonstrate the same actions and values you expect from them, it will inspire them to do the same.

A Team leader should set clear goals for completing a project so that your team knows what is expected of them. Ensure that your team agrees with goals and deadlines you have set, and can identify with them on a personal level. This way they can be motivated to work harder and achieve those goals, boosting productivity levels in turn. Making sure that your team is in agreement and happy with goals and deadlines you have set will help them feel more involved in their work. When you create a situation that your Volunteers can mentally prepare for changes before they happen then you will gain a lot of trust and commitment as a leader:

ENCOURAGE TEAMWORK

A Team leader should encourage members to work together as a team by stressing the importance of the project and the connection between teamwork and achieving group goals. Note the fact that when people work together, work is much easier and quicker to do. You can further motivate your team by linking performance with team goals. Encouraging teamwork will help individual team members feel less isolated and separate from the workplace. Volunteers will feel more engaged by being a part of a big community, inspiring to work harder and enjoy what they do.

BE OPTIMISTIC AND POSITIVE

Having a positive attitude and an optimistic outlook, even when times are tough, can inspire your team members to adopt the same attitude and outlook and continue to work hard. Remaining positive will show your team that it's not the end of the world if things are going wrong, and keep them focused on the greater picture. You can also help motivate your team by reacting positively to goal or project completion, and to the skills and abilities that each member brings to the team. Make them feel valued and appreciated, and your team will work harder.

Green Asian Voice

Let's go green

The science of global warming is never beyond dispute, it cannot be silenced.

GIVE PRAISE AND REWARDS

This is one of the best ways to inspire and motivate your team to work harder. When you praise one Volunteer in front of others, it encourages them to work harder or perform better, simultaneously motivating the others to work hard in order to be praised. When a reward is linked to performance, people will work even harder and be more committed to their task in order to win the reward.

GOOD COMMUNICATION WITH TEAM

You should be available at all times so that your team members can ask you questions about a project, get your opinion, offer ideas, and give feedback. Being available for your team plays a key role in motivating them, as it shows that you value the project and their feedback. Making yourself more available also avoids your team members feeling isolated and separated from management. Ensuring you're always available for your team can boost productivity and improve the quality of your work.

TRANSPARENCY

Transparency is key on a team, and good Team leader actively work to keep other team members informed. No one likes to be blind-sided. When team members share information and everyone is on the same page, it could be the difference between the success and failure of a project. Team members who are informed are more likely to trust you, stay engaged, and are more motivated to reciprocate. A vital part of keeping Volunteers feeling passionate and dedicated is communicating with them regularly and respectfully. Nothing beats meeting face to face, whether it's a one to one conversation to understand more about the project. If you don't have the resources to meet all your Volunteers, try to personalise your communications as much as possible.

You are only a Team leader if you respectfully consider the viewpoints and ideas of other people as well. Active listening is harder than you think. When you hear someone saying something you don't agree with, listen to understand, not answer. Consider what they're saying and more importantly, why they believe. Simply doing your work isn't always enough. It's a good thing to get involved and be proactive, as long as you aren't bothering people with questions to which you should know the answer. Great Team leaders ask questions for clarity and understanding and contribute where they can. Collaboration is essential to the success of a team.

Earth warming a lot, human issues becoming hot

LEADERSHIP COMMITMENT

Committed Team leaders give their time and energy to someone or something they believe in. However, genuine commitment is much more than that. Team leaders who are genuinely committed do so without any expectation of return, conditions, or rewards although the Organization gives the best of honaraeriums in the world, there will be no turning back and whatever the outcome, they support it 100%. A full commitment is needed to the project by working as hard as possible to accomplish your aim with the best possible outcome. By focusing more and giving special care to others around you will help to eliminate differences of opinion too.

Leadership commitment and Volunteer Commitment go hand in hand. If you Volunteers who are committed to their work, it will require commitment from you to believe in and communicate the Organisations direction and purpose. It means paying attention to how your volunteers unique abilities and personalities align with organisation values and culture and showing them that their value is more red an a prize tag . Committed team leaders will highly regard each volunteers intrinsic worth. To be a Team leader who inspires commitment make it a habit to give praise when the praise is due and not any time after that. Their work may be high quality to you but unless that are told so, it can easy to slip into thought patterns that their work isn't good enough or valuable to the organisation. They will be more motivated and committed when they know where they stand on performance. When you give team members the power or authority to do something with complete control, this helps to motivate them for completing the work. You can also keep motivating your team members to work hard and bring out the best in them by offering constructive feedback. This will result in an empowered, happier, and more productive team and bring out the best in them by offering constructive feedback.

RELIABLE AND RESPONSIBLE

An excellent Team leader completes tasks in order of priority, not necessarily in order that they're given. When they aren't sure of what should take priority, they ask their manager. As a reliable and responsible Team leader, you will be able to manage your time effectively, be prepared for meetings, and be trusted to work on your own without constant supervision. Your teammates who are the Volunteers will feel like they can rely on you for help and support whenever needed.

Green Asian Voice

Green economy aims for sustainable development

RESPECT TO VOLUNTEERS

It is important to be self-aware of how you treat others. Respect is earned but can be lost in a moment's notice. An ideal Team leader knows how to have fun but would never do it at someone else's expense. You earn the respect of the Volunteers in your team a lot more quickly by expressing genuine interest in them rather than trying to make them interested in you. It is easy for everyone to point out problems however, there is no reason why you can't offer solutions yourself.

Your teammates will appreciate your skills, which can also help you earn respect more quickly. Remember to be genuine and respectful. Always look for opportunities to help your team members grow. For example, if a member of your team is having trouble with a technology tool that is easy for you, offer to sit down with them and show them what you know. Respect and leadership go hand in hand as a fundamental principle to lead. First of all, to lead others, you first have to earn their respect. Great leadership creates a climate of respect, an environment that sets high standards and supports everyone in doing their best. A respectful environment reduces workplace stress, problems, and conflicts. It helps in improving communication and teamwork.

Respect helps to promote a positive culture, which increases employee satisfaction as employees feel happy and motivated while working in such an environment. Respect is something that carries a lot of power. It has the power to bring people together or tear them apart. The qualities above are essential in making you an effective Team leader. By developing your leadership skills, you'll see your team's performance, productivity, and morale improve significantly. In turn, this can lead you and Green Asian Voice Council towards greater success in removing air pollution to a very great extent and thereby save the millions of lives lost due to air pollution.

VOLUNTEER APPLICATION

You can apply for the post of a Volunteer by sending your detailed resume with latest photograph to careers@greenasianvoice.org. You will be receiving an initial telephonic interview followed by a online group discussion. You can opt for a part time or full time Volunteer and a monthly six figure honorarium can easily be possible even for a sincere part time Volunteer and that too by doing work from home after the training period of 3 months. All the very best.

A small charity will have a big impact

DONATE US

Green Asian Voice
Let's go green

DONATE US

We sincerely welcome all socially committed citizens universally to join hands with your humble contributions as donations to fight against the greatest disaster of mankind which is air pollution and thereby save the millions of people who are losing their precious lives every year, due to the disastrous effects of air pollution.

So let's decide today that my smallest contributions can change a disaster which the world is facing and there is no doubt that your life will become more meaningful and even your smallest effort will be a great contribution for the biggest change that the whole universe is thirsting. To know the intensity of the same we can categorically establish that air pollution is thousand times more problematic than the recent Covid-19 pandemic which has shaken and shut the whole world for a considerable period of time.

PRIVILEGED DONATORS

Any person who has contributed a minimum of $ 1500 or more as a one time donation to the Organization is called a Privileged donator. They will be enjoying many privileges including the role of a facilitator by the Organization for getting maximum output from online cab operations, without knowing the burden involved in the process and ensuring ready availability of electric vehicles etc. They will also be honoured by the Organization on certain important occasions in the most credible manner. Moreover a certificate of appreciation will also be given to Privileged donators for their valuable contributions.

Great future is in good charity …donate maximum

DONATIONS

Donating to the causes you care about not only benefits the Organization themselves, it can be deeply rewarding for you too. Millions of people give donations on a regular basis to support causes they believe in, as well as for the positive effect it has on their own lives. Giving donations to a nonprofit Organization is not a business transaction. It is a connection between humans and the world.

DONATE AND SAVE OUR PLANET

The charitable donations help us to have an effective appeal, where it is important that you reach out to our non profit Organization and take little pain to go deep into our project which will create an inspiration for you to donate because it touches almost every aspect of a human being, other species in our planet and even the existence of our earth as a whole. The purpose of donations is to help others and to protect our planet.

Organizations like us who are dealing with many activities to promote a healthy Green environment, are not allowed to take any profit where every penny we have raised is used to achieve the aims of the Organization as specified in the objectives of the memorandum and articles of association. There are no shareholders or owners that can benefit from our donations. Donating makes you feel good and is also a mood booster. Whatever we preach, or alert the public by awareness programs, we need donations to make things practical.

DONATE US

Giving is a very personal thing, and to gain a much better understanding of why they choose to share their wealth with others, then the best way to know about that feeling is for you to start giving donations, rather than running behind others to know the exact benefit you get while donating.

Donating can give a better future when our own motivations drive the causes we donate to and why, thereby gaining the social progress you want to see. Donate spontaneously to our project which is undoubtedly a no better cause to fight for, in the middle of visible experiences of climate changes happening globally, resulting from air pollution.

Be active towards our major fundraising appeals, friendship sponsorships, or setting up teams to donate regularly for a cause you're worried about, ie. air pollution.

Green Asian Voice

Let's go green

Investing in electric vehicles and solar panels is the biggest savings

DONATIONS

Some donators are directly experiencing the hardships of the developing world which mainly occurs out of the disasters of air pollution leading to devastating climate changes which prompts them to make more donations.

There are several millions of victims being affected by the drastic effects of air pollution every year, that causes many respiratory diseases, Lung cancers etc. Your donations can definitely make a difference to this most pathetic situation. The reasons for giving donations can sometimes be diverse too, where some people have more than one influence motivating them to give.

Some of the other driving factors for donating include a belief that my donations can bring about a change in the world, as some people with the same attitude when multiplied by millions will surely transform the whole world.

DONATE US TO BE MORE HAPPY

The knowledge that you're helping others is hugely empowering and in turn, can make you feel happier and more fulfilled. Research has identified a link between making a donation and increased activity in the area of the brain that registers pleasure, proving that the enjoyment they receive from giving is positively influencing every aspect of their life and it's always far better to give than to receive.

Donating strengthens personal values and a feeling of social conscience to a great extent. Donators feel that it's their moral duty to use what they have to help others, a sentiment very much rooted in their personal values and principles.

DONATIONS HAVE MORE IMPACT

Having some extra money to spare for donations or for some extraordinary people who create sources to donate amidst financial struggles, have the power to improve the lives of others and is one that comes with its own sense of obligation.

Donating creates powerful feelings of responsibility, which is a great way to reinforce our own personal values and feel like we're living in a way that is true to our own ethical beliefs. Giving donations is more impactful than ever.

Many people are concerned that their donations to charity may be reduced by tax or administrative costs, preventing the full amount from reaching the people or causes they really want to help for making a change in the present situation.

Your greatness is not what you have , it is what you give

DONATIONS

Moreover the satisfaction they get from giving donations and the determination to leave a positive legacy, naturally increases the volume of donations. Many of the donators are also passionate about the environment and other developments based on green projects, others just want to help those who are less fortunate.

You can also choose to give anonymously and always donate with a purpose. Understanding how much your donations can help you to have more impact with your charitable giving will motivate you to give more donations and even motivate others to donate for that noble cause.

Most of the time, we think we can't give enough as donations. A phrase we have been thinking about lately when it comes to the environment is 'think globally, act locally, and the same thing must apply for giving donations.

DONATE US AND SAVE TAX

Thankfully there are ways to make the most of every donation to use it fruitfully with the backup of proper registrations from the Income tax departments which exempts any extra tax from the donations and at the same time, tax benefit to the donators too.

There are many other ways also to give donations effectively too, such as by donating straight from your salary before tax is deducted through a payroll giving scheme, donating shares to charity or leaving a charitable legacy in your Will. These methods of giving ensure your chosen charities benefit as much as possible from your support. Donating actually introduces your children to the importance of generosity.

DONATION BOX

Sharing the experience of donating with your children shows them from a young age that they can make positive changes in the world. Children naturally love to help others, so nurturing their innate generosity is likely to mean that they grow up with a greater appreciation of what they have, and will definitely carry on supporting charity in years to come.

Starting a tradition of donation with the involvement of your children is much easier, by creating a family donation box that everyone can add to it and nominate a family donation each year, by involving the children in choosing the most noble cause of reducing air pollution to support.

Green Asian Voice

Let's go green

Don't turn away, give today, dont turn your back for those in need

DONATIONS

When you donate to us, your name and address will be passed onto the organisation you're giving to, unless you choose to remain anonymous. Keeping your identity to yourself is easy, simply tick the 'Donate anonymously' box when you select your donation amount, which can be made to our bank accounts outside India only.

When you donate, you do an amazing thing. Whether it's a normal regular donation or a more spontaneous one, together let's make a new world with the very basic right of getting clean air to breathe for being healthy, as health is always the real wealth.

If this project has inspired you to make a donation, you can log on to our website and just click donate us by giving your proper identity and contact details, so that we can also serve and care you much better through our extreme concern about your way of life too.

DONATIONS ARE INSPIRING

Donations by any individual or family naturally encourages friends and other related families to do the same. Your own charitable donations can inspire your nearest and dearest to give for causes important to them, and could even bring about a family wide effort to back donations that have special significance to you as a group, especially to fight for a cause which is a universal disaster that affects each and everyone on this planet including the earth as a whole.

Donating creates a bond, helping to bolster relationships through a shared goal and raising more money that could otherwise be possible through individual donations. Chances are, many of your family members are already giving donations, so working together could help you to make even more of a positive impact and a blessing from the nature.

Donations are usually made by most of the people who believe that one particular cause they are passionate about and for most of the people, this was the key influence behind their donations and to be honest there is no serious cause than reducing air pollution from all possible sectors especially the transportation sector. Vehicular pollution is the single biggest reason for air pollution, followed by coal firing methods to produce electricity. Moreover some of the donations are made out of the personal experiences of certain donors, or the reasons which personally matter to them from the social cause which the Organisation is aiming for.

Green Asian Voice

Let's go green

Donate today because tomorrow you may be the one who needs help

DONATE NOW

Donations will be accepted from Indian citizens only in the Indian bank account. All donations are received through Credit card, Debit card, Google pay, Phone Pay, Cheques, Drafts , Swiping machines and Online transfers but never in cash. Make sure that you do not make any payments as cash to any of our Volunteers or to our bank account under any heads other than donations and we will not be responsible for any such payments. We do not accept money for any of our activities or services either by bank or cash except as payments for electric vehicles and donations which is credited directly to our account at your free will and understanding for promoting our green oriented projects and services.

Tax Exemptions : Your donations can be exempted under section 80G of the Income Tax Act 1961 and also eligible to receive grants from government and the private sector under section 12 A.

BANK DETAILS

Donations from Indian citizens only.
Bank Name : Standard Chartered Bank
Account Number : 5 2 5 0 5 9 0 0 2 1 8
Account: Green Asian Voice Council
Branch: Connaught Place, New Delhi
Type: Current Account
IFSC : S C B L 0 0 3 6 0 2 8

Donations from anywhere.
Bank Name : Standard Chartered Bank
Account Number : 0 1 3 2 5 4 1 0 0 0 1
Account: Green Asian Voice
Branch: Kathmandu, Nepal
Type: Current Account
SWIFT CODE : SCBLNPKA

Your donations are so vital for us to make a change in the polluted environment around us and thereby enable clean air to breathe for saving the billions of people struggling out of air pollution.

Air pollution is a global disaster which can travel long distances, sometimes across continents on international weather patterns that easily goes beyond boundaries, making it a universal disaster. So, initially our activities will be concentrated in most of the Asian countries who have ratified the Paris agreement and further across all continents to spread the golden message of green revolution globally through Green American Voice , Green European Voice, Green Australian Voice , Green African Voice , and so on. So your most humble and valuable contributions will really matter a lot because your small noble acts when multiplied by millions of people will transform the whole world ...

Lets Go Green.

Message

Diana Ani Oommen, Vice President

Green Asian Voice Council is My Voice, Our Voice, a platform to voice out our journey and alarming facts that need to be addressed and worked upon at the earliest. This is a journey we all need to make for our survival tomorrow, or else the careless adventure and exploitation we have made in the name of development is going to consume our lives and the lives of billions of innocent beings on the planet who have no contribution to this atrocity. So, I humbly call out everyone to take up their role and fulfil their active and positive responsibility as beings of this planet whose selfish actions have affected the planet and the whole network of beings adversely, and make it the planet that was not just inhabitable, but beautiful, clean and Green.

Adv. Ajay Prathap Verma, Chief Executive Director

It is a famous quote that we have come across once in our lives that "To err is to be human", but I believe, to rectify your mistake is to be a smart human. Therefore, after realising the gravity of the problem and analysing the standard of our existence I have concluded that it is high time that we, the Human Race in its entirety, should try to resolve this magnanimous disaster that we ourselves have created. So, I found my medium of expressing support and service through Green Asian Voice Council and I pledge to convey my 100% service to the cause our organisation is aiming for. Thus, I humbly welcome you all who have been and who would join us in this wonderful endeavour.

Jeevan Choudhary, International Director

I remember the little sparrow in my courtyard, our fond memories together in childhood. Well now these fond memories have become faint, not due to age, but due to air pollution. Everyone would be surprised as to how that is possible, it is absolutely possible, as the ill effects of this man-made atrocity has not just affected our lives, but has also, harshly affected many species and their life cycles. The immense amount of pollution accumulating in cities have forced birds, animals, and other organisms to either retreat, encounter or fall mercilessly the prey to air pollution and its murderous effects. Therefore, it is our moral responsibility to make things right as we and only we are responsible for this disaster called air pollution. Thus, let's all come together under this umbrella of care and concern called "THE GREEN ASIAN VOICE COUNCIL", and change the shape of this world for the good of all.

Lilaa Bahadur Kunwar, General Secretary

About 7 million people die annually due to the impact of Air Pollution. It was a shocking realisation that made my moral quotient question my social responsibility as a human being. Green Asian Voice Council is the family I joined to harness my capabilities and knowledge for the greater good of our Mother Earth. Therefore, I welcome you all to join us in eliminating air pollution from our world, by making this Green Revolution Movement a success. “let’s Go Green”.

Amar Singh Kunwar, Executive Director

With all gratitude and respect to welcome everyone, who has come to associate with us and become a part of our Green Asian Voice Council family, as I appreciate your efforts to accept the crisis at hand and wanting to make a positive green change for the same.

Deepak Yogi, Finance Director

The selfish acts of yesteryears have brought upon this crisis today, and the ignorance of today will lead us to a dark future, or maybe no future at all. The world is at the brink of an alarming crisis that is ticking like a huge time bomb in our faces and yet we carelessly mean to ignore it. Therefore, it is high time that organisations like us, the Green Asian Voice Council, come in active action and take up the responsibility of awakening the ignorant conscience of our race to rise together in unison to fight against this disaster.

Rudra Bahadur Shahi, Administrative Director

The problem is big, but the solution is bigger and better. Green Asian Voice Council brings to you the platform to act against this global crisis called Air Pollution in the finest ways, and make this planet a habitable, greener, more refreshing place to live. Let's do it together, “Let's Go Green”

Anil Devkota, Technical Director

I am glad to have associated myself with such a noble cause that affects human life at its very core. Green Asian Voice Council looks forward to enacting and implementing necessary actions for the welfare of the human race environmentally, socially, economically etc. It is high time we made changes to our actions and adopted more green and eco-friendly methods to serve our planet and our society.

Green Asian Voice

Let's go green

Our Partner For

GLOBAL VOLUNTEER PROGRAM

AIESEC

IN 120 COUNTRIES

We are inviting global Volunteers in association with AIESEC, a youth run Organisation focusing on leadership development, having its presence in 120 countries.

The interested Volunteers must apply at aiesec.org.

For any clarifications or support please mail us to support@greenasianvoice.org

Green Asian Voice

Let's go green

Join Our Green Revolution Movement

Green Asian Voice

Let's go green

GREEN ASIAN VOICE COUNCIL

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