



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° above pre-industrial levels of global heating was perilously close. We are at imminent risk of hitting 1.5° in the near term.



**DESTROY  
GLOBAL WARMING  
BEFORE IT  
DESTROYS  
YOU!!!**



#  
PLAN  
FIRST



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 Arctic 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.



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.



♥ I WANT A  
HOT BOYFRIEND  
NOT A HOT  
PLANET



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, snowcover, 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.





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



Climate change affects the coastal cities more than anything else



## 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 continued 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.



# **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.



OUR PLANET  
IS GETTING  
**HOTTER**  
THAN COLE  
SPROUSE



Warmest 20 years on record happened in the previous 2 decades



## 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.

### 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.



# **GREEN EARTH IS VANISHING POLLUTED EARTH IS ESTABLISHING**



**As air pollution increases, the greenery of Earth decreases**



## 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.

### 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.





*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.



## 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.

### 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.



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.



**THIS IS  
YOUR  
GLOBAL  
WARNING!**

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 be 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.



*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 more than 50 million cars**



## 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.

### 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.





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



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



## 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.

### 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.



## 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 occurring 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.



*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.



**GO GREEN**

save energy

save green

live green

**SAVE WORLD**

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 summit 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,"



# Green

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



## Prime Minister on Climate Change- 2

**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.

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.



MAKE  
LOVE  
NOT  
EMISSIONS

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 are 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.



**FIGHTING  
FOR OUR  
FUTURE**

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. It's 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.



**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

### 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.

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.



**CLIMATE ACTION NOW!**



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



## UN Chief on Climate Change

### 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 Paris 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.

“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.



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## Prince Charles 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.

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."



SAVE OUR EARTH

**CHANGE YOUR SELF**

NOT THE NATURE

Nature doesn't need people but people need Nature