

A high-resolution image of Earth from space, showing the continents of Africa, Europe, and Asia. The Earth is set against a dark, starry background. A white rectangular box is overlaid horizontally across the center of the image, containing the text "SAVING OUR EARTH" in white, uppercase, sans-serif font.

SAVING OUR EARTH



# PROBLEM

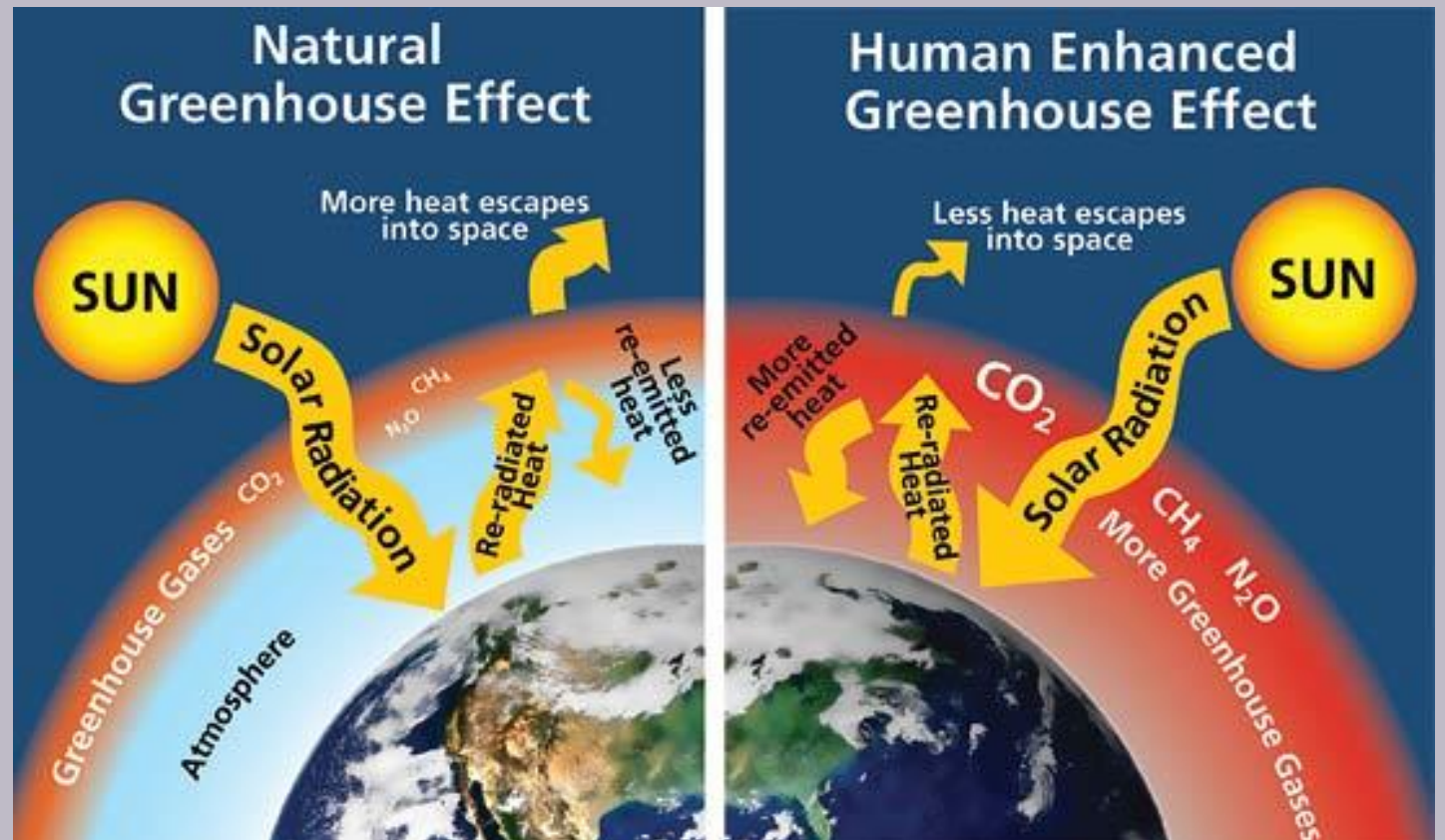
## CLIMATE CHANGE

Trapping of carbon monoxide and carbon dioxide, including several other gases in the atmosphere resulting in depletion of ozone layer.

The list of things that produce these gases are :

- Nuclear power plants
- Burning of fossil fuel that is  
Petroleum, Coal, Oil
- Thermal power plants
- Emission from motor vehicles
- Hazardous nuclear waste
- Land spoils land dumping
- Cities being converted into refrigerators

- Trapped gases in stratosphere layer causing to heat up the earth inner atmospheric temperature and melting the artic capes by the rays of heat entering earth by the hole made by these gases.



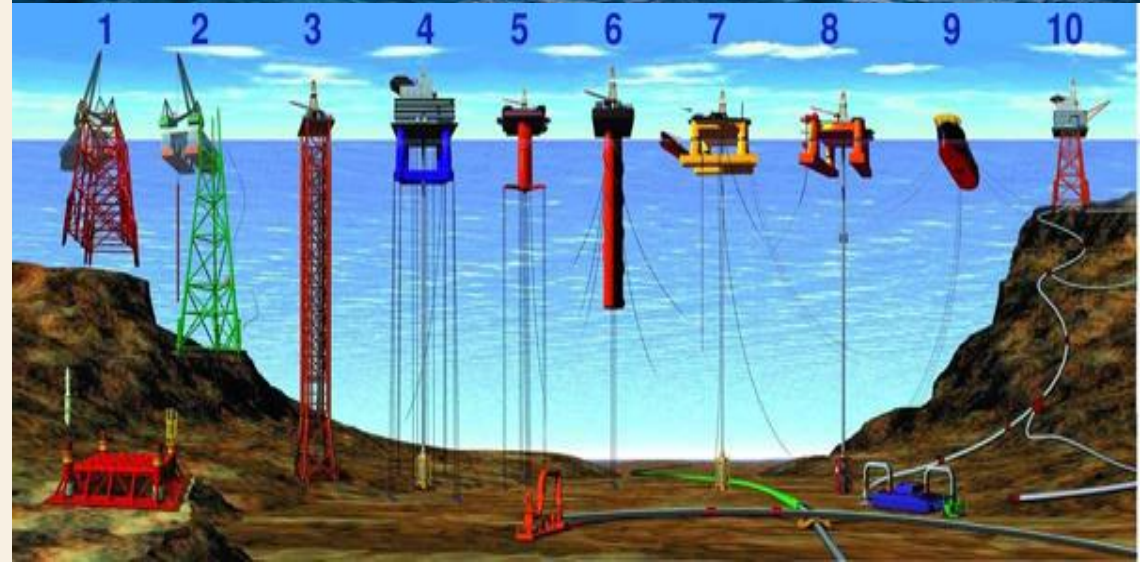
- Nuclear power plants not only cause harm to the ozone layer it also causes problems to people living there and the land later left to no use along with the residences and farming near by
- The cost of establishing a plant and maintaining is very high.



- OIL plants
- They not only require a high costing but it leaves the land for drought hence, damages the soil and will eventually is connected with countries capturing land and declaring war which results in chaos is no good.
- The U.S sucked all the oil from Afghanistan and left the people of that country to suffer.



- Oil rigs
- These rigs cost hefty public money to build & maintain and then profit on their taxes on transpiration.
- They also harm aquatic life as they are very much damageable.



- This has made the people of cities to have less life expectancy rates, lung allergies and permanent life problems to humans.
- The suffering is faced by the flora and fauna, not only by carbon emission by petrol and diesel vehicles but by the air-condition which has to be adapted by the people in order to survive the atmospheric humidity they have created.
- While trying to make an artificial environment for their own comfort they harm the nature and the living beings in it, they themselves.



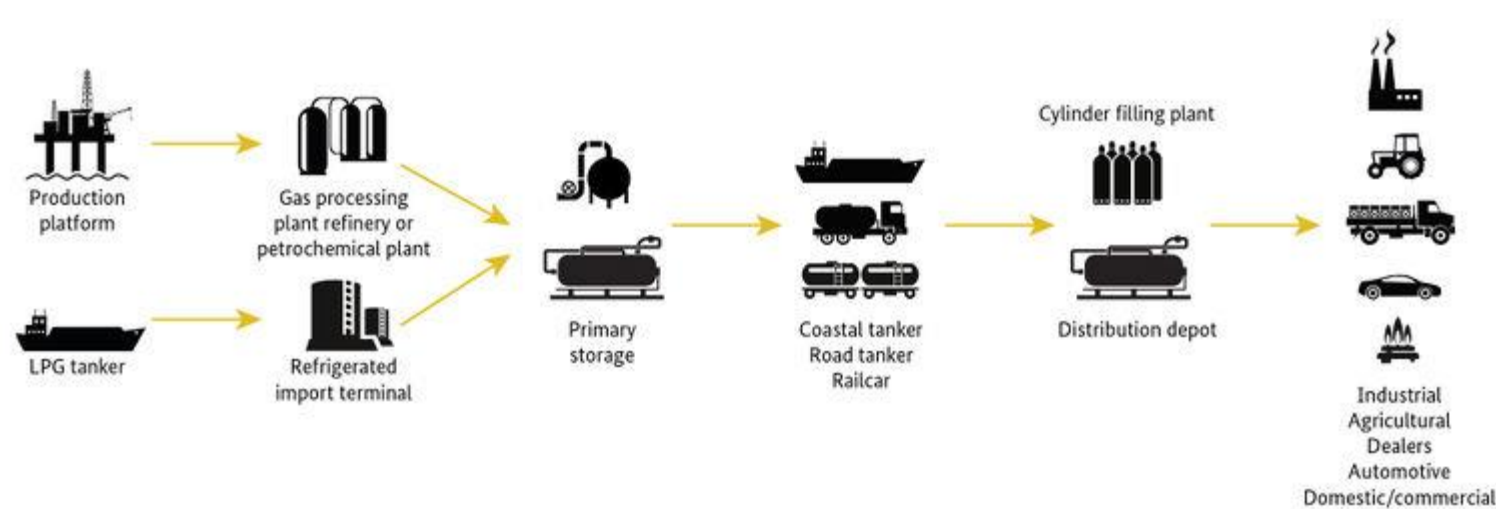
- Land fills
- The amount of methane released in the air due to food waste, bio waste, waste, domestic waste not only pollutes the earth but will stay on earth for a long period of time.
- Animals are also affected by this process.
- Methane produced by these landfills pollute air more than  $\text{CO}_2$  in the atmosphere.





- LPG
- The resources require to acquire the gas does more harm then good making it costlier for the consumer and harmful for environment as well.
- Making it harder for the masses to access this fuel and this fuel majorly important as peoples lives depend on it, as it is used for cooking..

Figure 4.2: Typical LPG supply chain



# SOLUTION

## ADAPTING TO RENEWABLE ENERGY

The reasons why it will bring a drastic change to the climate is because it does not consume resources from earth and the little that it uses is renewable and reduceable, less toxic when it comes to consumption of petroleum.

The things that play a major role is partaking and resulting to trapping of green house gases are as we saw in the previous slides, the measures to counter all the harm done by the generations before us and how can we step into the process of reversing and majorly preventing from earth to turn to complete chaos for the people that are living on this planet and the upcoming generations that is by moderating the use of natural resources and switching to greener solutions where we work with the nature and not against it.

### TARGET AUDIENCE

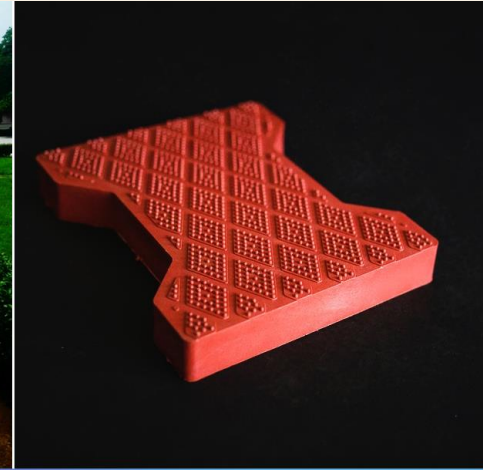
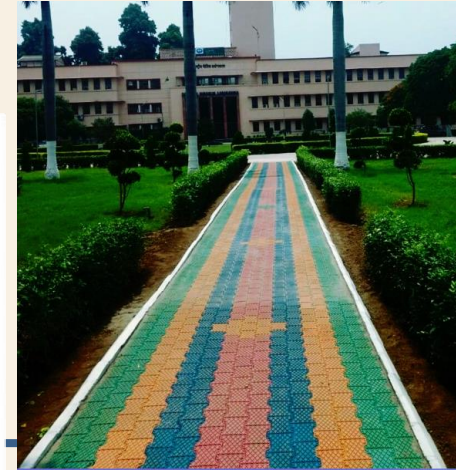
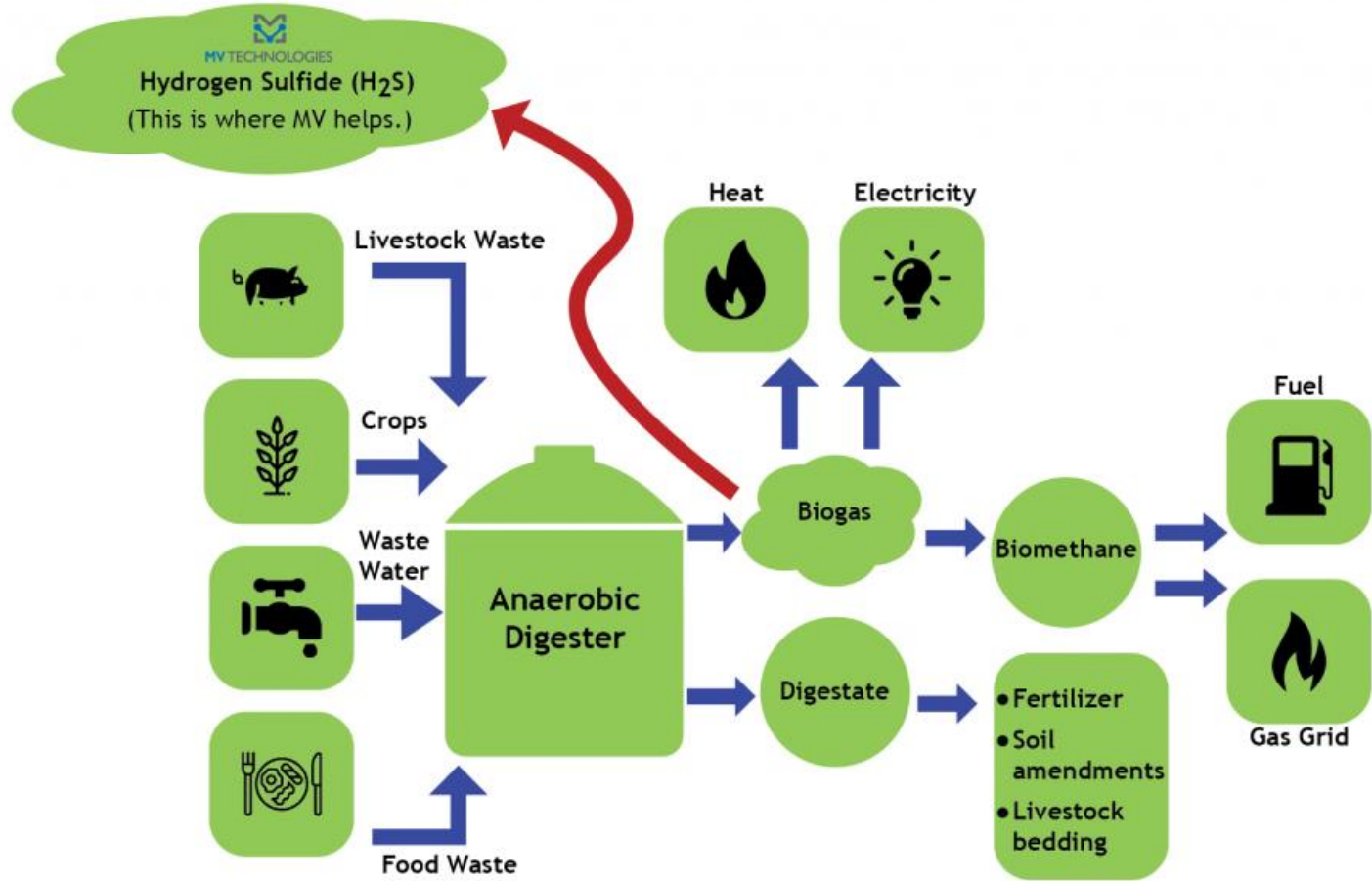
ALL ages from 15 to 65

The steps that we need to take in order to people for bring it to the eco system are ;

- Renewable source of energy
- Solar panels and solar power plants
- Wind energy
- Hydroelectricity
- Mechanical energy



# PLASTIC ROADS & BIOMETHANE DIGESTERS



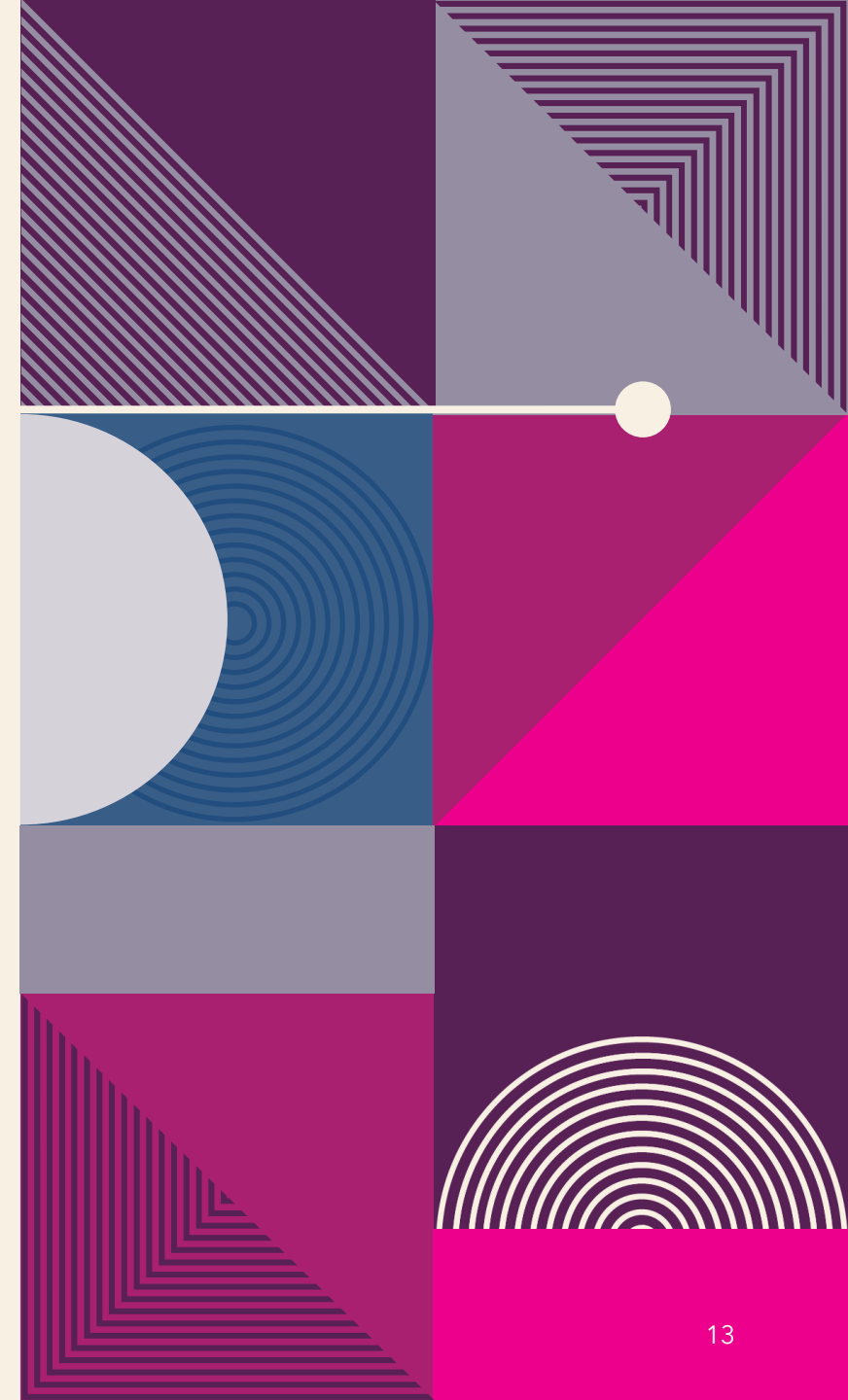
# ELECTRIC COOKING EQUIPMENT'S

- Is a alternative to LPG.
- Works the same, is cheaper and greener for the environment.



# WIND ENERGY

Generating electricity from wind which cuts costs of installing power plants.



# SOLAR ENERGY

We can see solar panels from street lights, to houses, schools, colleges, Offices to power plants which saves electric bills, are easy to install, easy to maintain and an almost free source of energy.

This is where the people who don't have access to electricity can be helped as well.





# HYDRO ELECTRICITY

These measures not only generate electricity with the help of the nature but they do not intervene with aquatic life.



# HUMAN ENERGY/MECHANICAL ENERGY

These are the pathways which have been installed over different cities which use the walking of individuals to generate electricity.

These road ways are easy to install and very robust since they are made for the purpose of people walking on them

Using these in offices will always be a cherry to the top





# ELECTRIC VEHICLES

The electric vehicles can be the new face of the upcoming era of vehicles, as it is available for lower, middle and upper class people no one will be left behind as humans and this 21<sup>st</sup> century demands the need of vehicles and we cannot stop using them as we rely on them, all the different categories of electric vehicles been produced not only fulfill the need of a person but they are very beneficial for the environment.

The few types of vehicles are :

- E-bicycles
- E-food delivery
- E-Auto
- E-2 wheelers (NON-gear & gear)
- E-cars (basic, office, luxurious, premium, heavy-duty)
- E-trucks & buses
- E-Ships & boats

# ELECTRIC CYCLES



- Safe
- Healthy
- Cheap
- Eco-friendly
- Robust



# ELECTRIC FOOD & GROCERY DELIVERY VEHICLES (AUTOMATIC)

- Saves time & money
- Eco-friendly
- Will generate employment as well



# E-AUTO



# E-2 WHEELERS (NON-GEAR & GEAR)

- Low-maintenance
- No need of petroleum
- Eco-friendly



- Safer and more comfortable



# E-CARS (BASIC, OFFICE, LUXURIOUS, PREMIUM, HEAVY-DUTY)



Model	Photo
Renault ZOE	
Hyundai Kona Electric	
Peugeot e-208	
Tesla Model 3	
SEAT Mii electric	
Nissan Leaf	
KIA e-Niro	
Volkswagen e-Golf	
Peugeot e-2008	
Mini Electric	

# E-TRUCKS & BUSES



# E-SHIPS & BOATS





# POWER STATIONS



- Lowest budget based powerplants

# FINANCIALS

- The money that we require to make these vehicles and maintain is less as compared to the vehicles which use fuel like diesel and petrol.
- The carbon emission is reduced by 60%(approx.)
- There is no need to dig up oil rigs over land and over the sea.
- The government should initiate this by themselves or else reduce the cost in making of these vehicles via other private companies which will help every citizen to install them.
- And as we all know changes start with ourselves.
- The government if subsidises which they will for the public to acquire these vehicles and the way to generate their own electricity will operated by the society will itself make individuals aware of their environment and work in their favour.
- The use of electric cycles will not only help the environment but to keep oneself healthy and fit.

# THANK YOU

Presented To : Dr Suparna karkun

Subject : Employability skills

Topic : G.D

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