

DECCAN SCHOOL OF PLANNING AND ARCHITECTURE
Darusalam, Hyderabad.

ECO- DSPA

Overview:

Welcome to the Eco-DSPa Club at Deccan School of Planning and Architecture—an environmental community committed to promoting sustainability and fostering a greener campus. Join us in our collective efforts to raise awareness, engage in eco-friendly practices, and contribute to the betterment of our environment.

Objectives:

1. Sustainability Advocacy:

- Raise awareness about environmental issues and advocate for sustainable practices within the campus community.
- Collaborate with local environmental organizations to support regional eco-friendly initiatives.

2. Campus Greening:

- Organize tree planting events, community clean-ups, and other activities to enhance the greenery of the campus.
- Implement and promote waste reduction and recycling programs within the school premises.

3. Educational Initiatives:

- Conduct workshops, seminars, and talks on topics related to environmental conservation and sustainable living.
- Facilitate educational programs that empower students with the knowledge to make eco-conscious decisions.

4. Community Outreach:

- Collaborate with local communities on environmental projects and awareness campaigns.
- Establish partnerships with eco-friendly businesses to promote sustainable practices.

Vision:

Eco-DSPa Club envisions a campus where sustainable living is ingrained in the culture, fostering environmental stewardship among students and contributing to a healthier planet.

How to Join:

1. Submit the membership form at the Eco-DSPa to the coordinators. Forms can be collected at the admin office.
2. Attend the orientation session to familiarize yourself with the club's activities and objectives.

Coordinator Details and Registration:

For more information or to register,

Contact:

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DECCAN SCHOOL OF PLANNING AND ARCHITECTURE
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ECO DSPA
Annual Membership Form

Welcome to ECO-DSPA! We are excited to have you as a member of our community. Please fill out the following details to ensure your active participation in events and activities.

Note: There is no membership fees, but registration is essential to attend any programs conducted by the club.

Personal Information:

Name:

Roll Number:

Year of Admission:

Current Academic Year:

Semester:

Address:

Phone Number:

Email ID:

Month and Year of Registration:



Signature: _____

Membership Guidelines:

1. **Active Participation:** Ensure active involvement in club activities, events, and meetings.
2. **Attendance:** Regularly attend club events and meetings.
3. **Contribution:** Contribute positively to the club's goals and activities.
4. Your involvement is crucial for attendance compensation at the end of the semester.

Consequences:

Membership can be revoked on the basis of long absences from club activities, indiscipline, or any actions that go against the values of the institute.

Thank you for joining us in nurturing and safeguarding our environment!

PRINCIPAL

E.D. TIMES

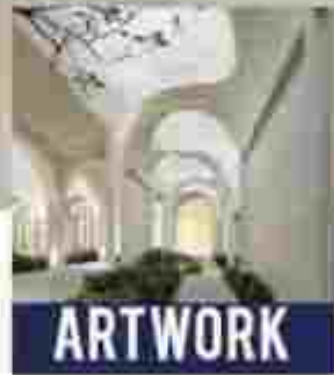
ENVIRONMENT, HABITAT, CULTURE

FEBRUARY 2022

E.D. SURVEYS

WASTE MATERIAL REPORT

- PLASTIC BAG - 45%
- PLASTIC BOTTLES - 6%
- PAPER/CARDBOARD - 47%
- OTHER BIODEGRADABLE WASTE - 2%



ARTWORK



SURVEYS



ARTICLES



MODEL MAKING



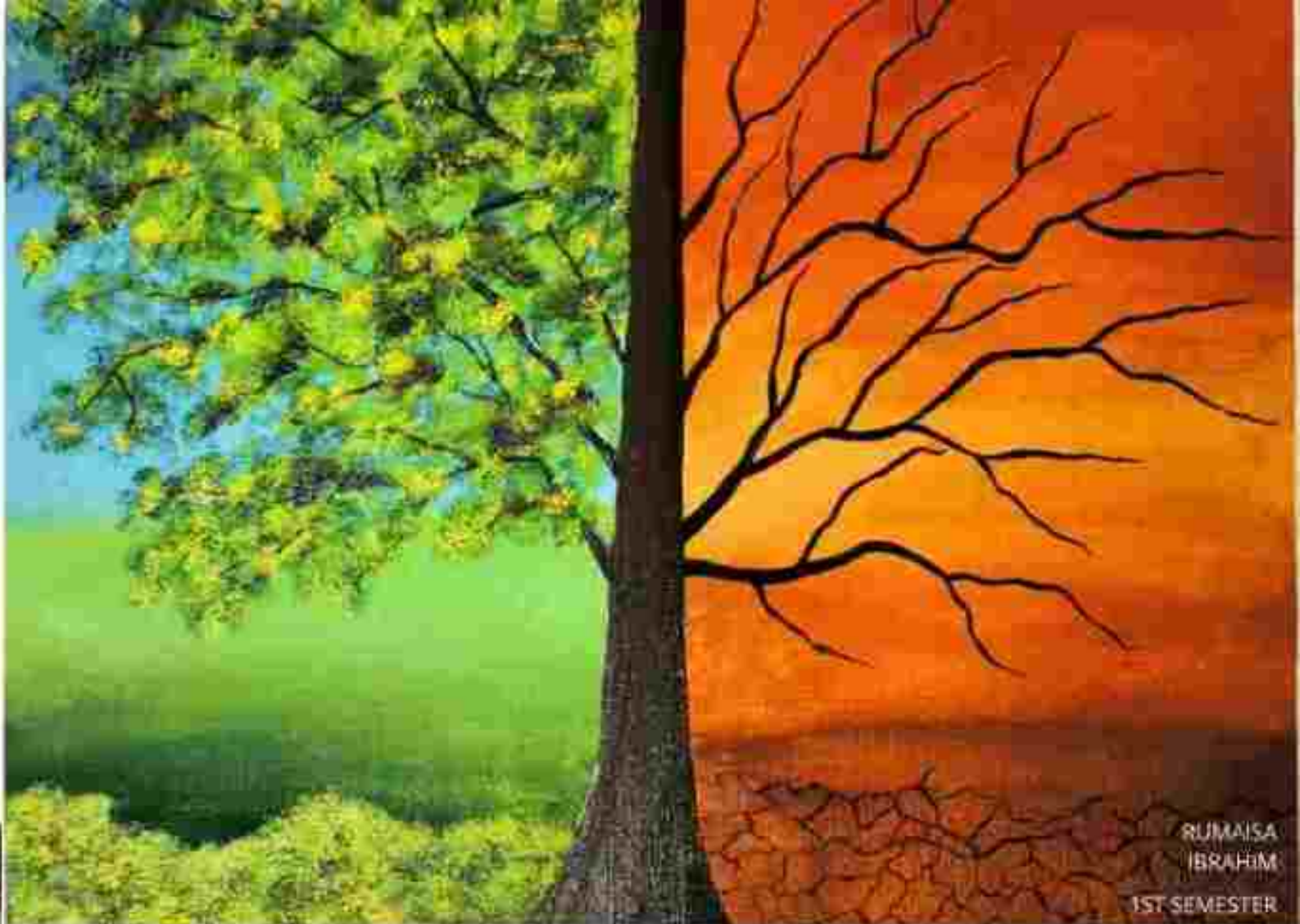
ALTERNATIVE FUEL

An alternative fuel vehicle is powered by any fuel other than the conventional petroleum fuels (diesel or petrol). It also indicates any technology of engine powering that does not entail solely petroleum (such as solar powered, electric car or hybrid electric vehicles). Such a vehicle is therefore "cleaner" and safer for the environment.

A green vehicle (also known as an environmentally friendly vehicle) is a motor vehicle for the road that produces less environmental impacts than comparable traditional internal combustion engine vehicles that are powered by diesel or gasoline, or one that utilizes specific alternative fuels.



RUMAISAH
IBRAHIM
1ST SEMESTER



RUMAISAH
IBRAHIM
1ST SEMESTER

ECO CONSTRUCTION

The construction industry contributes to about 23% of air pollution, 40% of drinking water pollution, 50% of landfill wastes. Construction predominantly employs non-renewable resources and consumes about 40% of the world usage in raw stones, common gravel and sand, and 25% wood per year. Some companies are starting to change by applying modern technologies to reduce usage of biodegradable textiles. Noise and light pollution heavily impact wildlife, especially bats and birds and disrupts their daily life cycle. Construction also has long term effects on wildlife such as air and water pollution, isolation, population fragmentation. 39% of energy and process related carbon dioxide emissions come from the construction industry. Construction also created 59% of 202.8 million tonnes landfill waste, because it relies on fast and cheap solutions that get reinstated every year or every month. Construction has an impact on the environment through materials chosen, technologies used, construction sites built, and carbon gases released that ultimately cause global warming. Steps can be taken to counteract this negative impact. All construction plant must contain a section for the environment as construction causes a large percentage of global warming. This can also be approached through green building. Sustainable technologies like solar power or durable materials help reduce waste and minimize energy usage, this is also a way for construction companies to reduce their carbon footprint. Green building and its design or operation, reduces or eliminates negative impacts and can in turn create positive impacts under climate and natural environment. Green building contains features such as efficient use of energy, water and other resources, use of renewable energy, pollution and waste reduction measures, good indoor environmental air quality, use of materials that are nontoxic.

BASIC DESIGN MURALS



E.D. TIMES

2022
MARCH
EDITION

ARTWORK
SURVEYS
ARTICLES

ENVIRONMENT. HABITAT. CULTURE



@eco.dspa



KHAJAGUDA ROCK FORMATION

Natural heritage is all the aspects of biodiversity, ecosystems, and geological structures it is part of our environmental resources. The role of heritage in establishing an anchoring our sense of identity is essential to the building of a more cohesive, confident, and resilient society. Safeguarding heritage sites is an important tool in city development since it provides a sense of identity and continuity in fast changing world for future generations. Society would be as loose threads without this heritage and its symbols in structures, historical places, artifacts, and tales. It explains our origins who we are and how we interconnect.

Heritage rock formations at Khajaguda are threatened with citizens accusing private parties of destroying parts of the historic rock formation despite a two-year-old court order banning the same. On Wednesday, a couple of rocks near the temple were drilled into with machines damaging the entire landscape. According to 'Save Khajaguda' campaigners, what is presently visible is the loss of nearly 100 trees, the disappearance of several butterflies and peacocks. In the long term, the damage could be much higher and directly impact human lives around the rocks. *"The major impact of this landfilling and flattening of the natural contours of the rocks would be visible once monsoon sets in. Currently, the soil is being dumped in no scientific manner. How this would block the natural draining networks is unknown," explained Dr Anant Maringanti of Hyderabad Urban Labs.*

"There is a lake adjacent to the rock structure called the Khajaguda lake which may see adverse changes and even floods if this (dumping of soil near the rock formations) continues unchecked," Anant pointed out.



PROTECTING OUR PLANET STARTS WITH YOU

- Reduce, reuse, and recycle. Cut down on what you throw away. Follow the three "R's" to conserve natural resources and landfill space.
- Volunteer. Volunteer for cleanups in your community. You can get involved in protecting your watershed, too.
- Educate. When you further your own education, you can help others understand the importance and value of our natural resources.
- Conserve water. The less water you use, the less runoff and wastewater that eventually end up in the ocean.
- Choose sustainable. Learn how to make smart seafood choices at
- Shop wisely. Buy less plastic and bring a reusable shopping bag.
- Use long-lasting light bulbs. Energy efficient light bulbs reduce greenhouse gas emissions. Also flip the light switch off when you leave the room!
 - Plant a tree. Trees provide food and oxygen. They help save energy, clean the air, and help combat climate change.
 - Don't send chemicals into our waterways. Choose non-toxic chemicals in the home and office.
 - Bike more. Drive less.

15, FEBRUARY, 2022
TUESDAY

ED NEWS

ECO DSPA
LAUNCH DAY

Bhagwan
ka diya sub
kuch hai,
daulat hai,
shuhrat hai,
izzat hai;
bus ek nek
or shareef
club
chahiye
tha..





Knock knock, who's there? CRYPTO

To mine for bitcoin, high powered computers, called rigs are required which demand an immense power supply; that environmental activists worry to be worsening the planet.

COAL MAKES ITS WAY TO CRYPTO





CONTROL, CLIMATE CHANGE CONTROL!!

The Romanian government is proposing to add climate change as a subject to the school curriculum.



President Klaus quoted, "What we want more than anything else is to pave the way for a change of mindset...we all want a clean, waste-free environment,"



Achey din aane wale hai

India put climate change at the centre of its environmental policies in UN meet. It also pledged to become net zero carbon emitter by 2070. Several initiatives were taken by the government to tackle the menace of toxic air in the capital and adjoining areas.



Meeracle, Meeracle



Carbon emission after usage of electric cars



India can cut off carbon volatile compounds by 76 per cent in the next eight years by swapping all two- and three-wheelers with electric vehicles and all diesel-fuelled ones with Compressed Natural Gas (CNG).



FEB 15, 2022



Eco D.S.P.A

Environment today



MADE BY RABIYA AND SHAGUFTA



The main cause of climate crisis

As greenhouse gas emissions blanket the Earth, they trap the sun's heat. This leads to global warming and climate change. The world is now warming faster than at any point in recorded history and the main cause for this is overexploiting of the earth's natural resources



What is our aim?

The objective of the school environmental club is to help students become environmentally conscious and enable participation in school clubs to develop environment-friendly skilled, and attitudes dedicated and responsible citizens who are willing to work, individually and collectively towards achieving high quality of life



Reasons for the formation of our club

1. Heightening the imagination and enthusiasm
2. Learning transcends classroom
3. Enhancing the critical and creative thinking skills
4. Supporting the tolerance and understanding
5. Meeting the state and national learning standards for multiple subjects
6. Declining the bio phobia and nature deficit disorder
7. Encouraging the healthy lifestyles
8. Strengthening the communities
9. Taking a responsible action to the better environment
10. Empowering Students and teachers





Environmental issues

Major current environmental issues may include climate change, pollution, environmental degradation, and resource depletion. The conservation movement lobbies for protection of endangered species and protection of any ecologically valuable natural areas, genetically modified foods and global warming.



All these problems weren't even close to being PROBLEMS some two centuries ago.

It's commonplace to think that environmental problems started during the industrial period (throughout the 1700s and 1800s) when there was a significant rise in lead amounts in the atmosphere due to the pollution of factories and various industrial processes. Even though there are not many records on pre-industrial pollution, some researchers have suggested that humans have started to pollute the atmosphere much earlier.



Global Warming: Causes and Effects

To be a little more relevant to the times, The short-term reductions in environmental pressures due to covid are significant: energy-related emissions declined by 7%, agriculture-related environmental pressures by less than around 2%). The reduction in the use of non-metallic minerals, including construction materials, reached double digits.

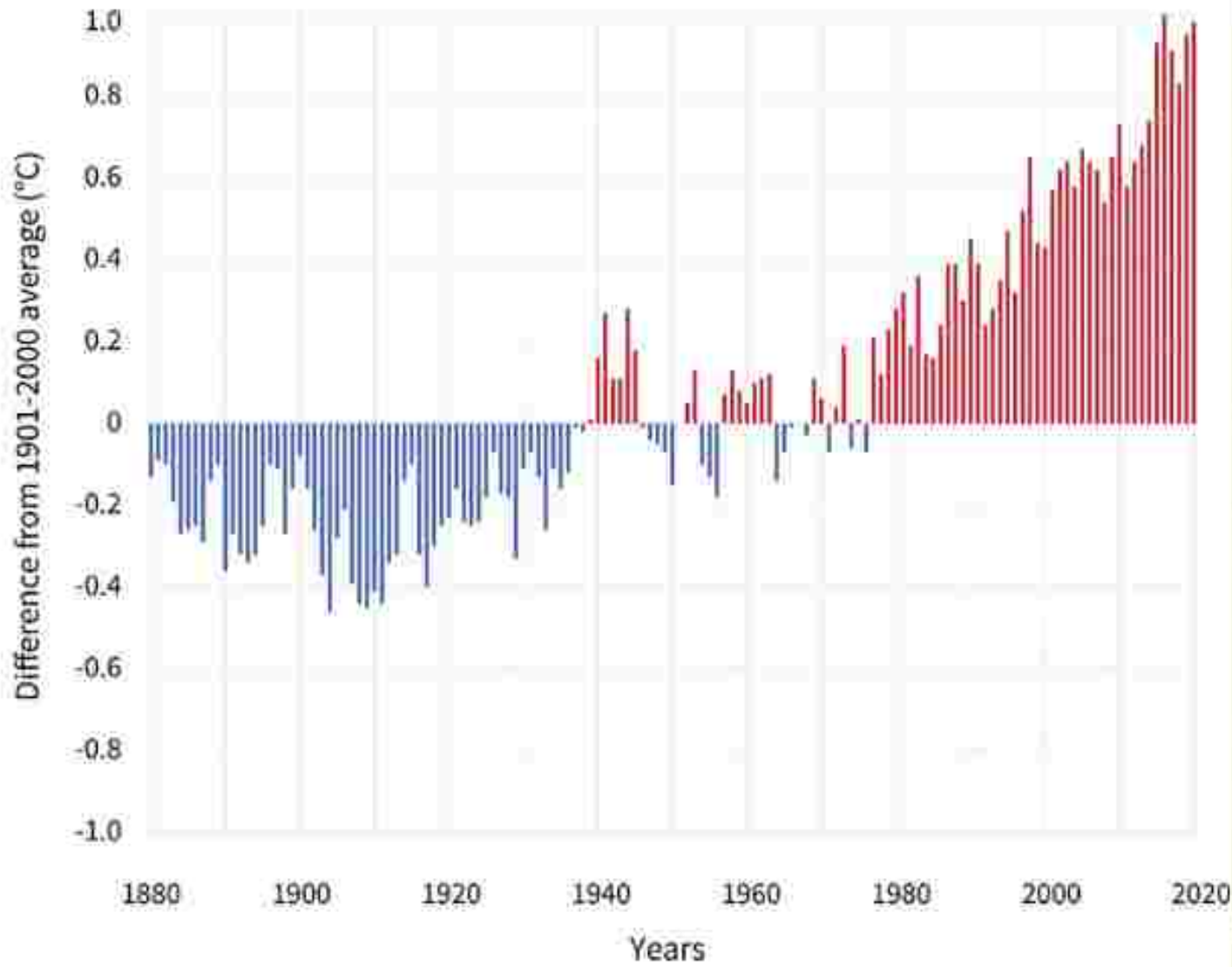


STATS AND FACTS

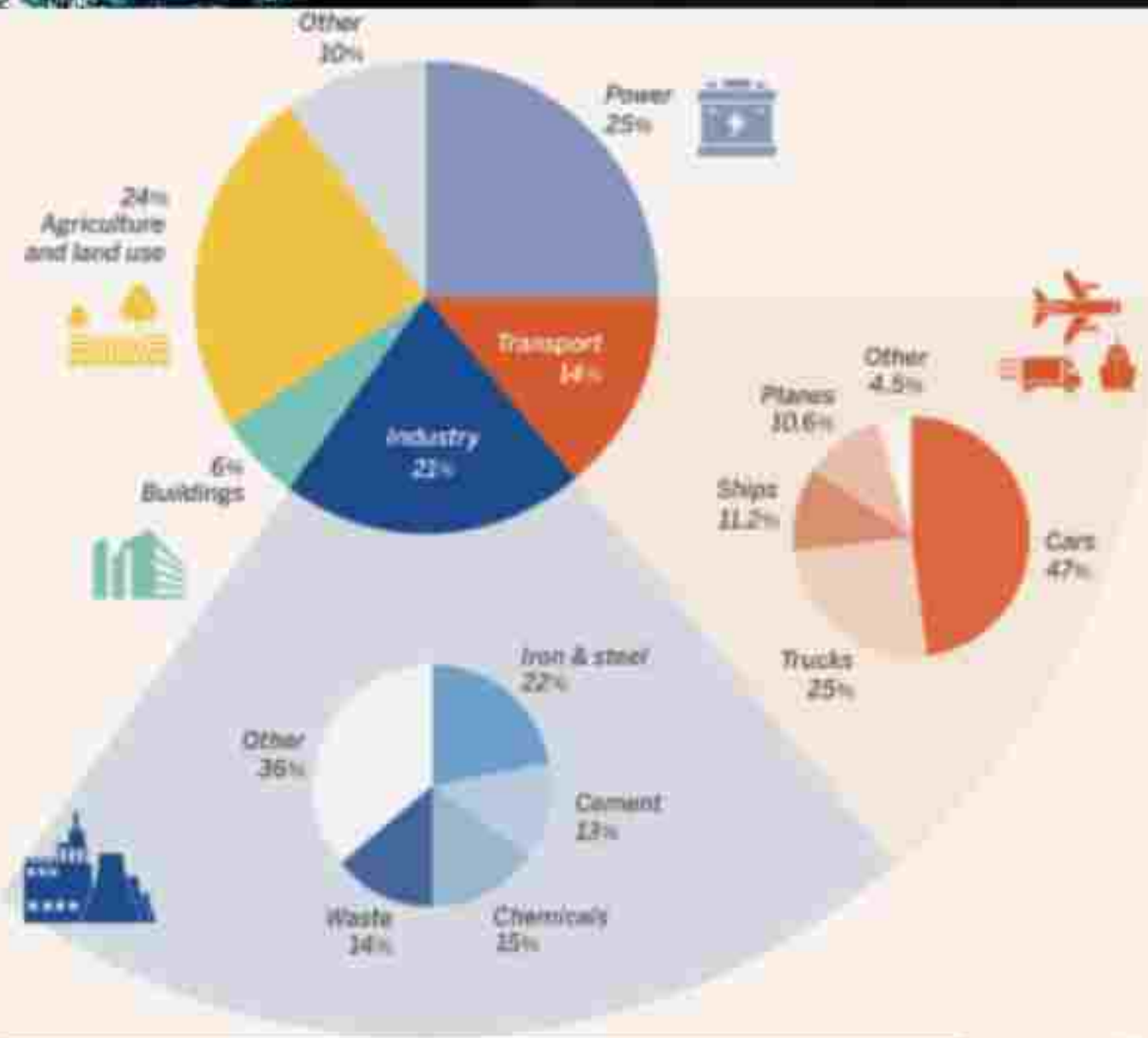
- **Pollution is one of the biggest killers, affecting more than 100 million worldwide.**
- **Earth's temperature has risen by 0.14° F (0.08° C) per decade since 1880.**
- **Composting and recycling alone have prevented 85 million tons of waste from being dumped in 2010.**
- **Around 1000 children die in India every year due to diseases caused by polluted water.**
- **Pollution kills more than 1 million seabirds and 100 million mammals every year.**



GLOBAL AVERAGE SURFACE TEMPERATURE



Yearly surface temperature compared to the 20th-century average from 1880–2020. Blue bars indicate cooler-than-average years; red bars show warmer-than-average years.



Sea height variation

DOABLE SOLUTIONS

1. Get Involved

There are many ways you can be involved, such as protesting, fundraising, donating, awareness campaigns, posting on social media, writing to your state and local representatives and recruiting your friends.

2. Vote With Your Wallet

People who sell products are hungry to convince teens to become loyal customers. You can encourage them to be better corporate citizens by only purchasing products and services from companies that have committed to green practices.



3. Reduce your energy use, and bills

Small changes to your behaviour at home will help you use less energy, cutting your carbon footprint and your energy bills. Replace light bulbs with LEDs or other low-energy lights.

4. Try to minimise waste

Repair and reuse. Give unwanted items a new life by donating them to charity or selling them on. Avoid wasting food. Let brands know if you think they are using too much packaging – some will take customer feedback seriously.

6. Respect and protect green spaces

Create your own green space. Add pot plants to your window sill or balcony, and if you have your own outdoor space, don't replace the grass with paving or artificial turf.

Conclusion

If you think stuff like what is going to happen with just me doing all these things or nothing's gonna happen with one person doing any of this; then let me tell you, to be honest I used to have the same perspective. But here's the thing, this is the very reason we've formed his club. For all of us to come together and make a difference that cannot be made individually.

All these organisations desperately screaming for your help and support, aren't doing it for money or in vain. There really is something at stake here; that we need to save, that we need to protect, that we need to take care of.

