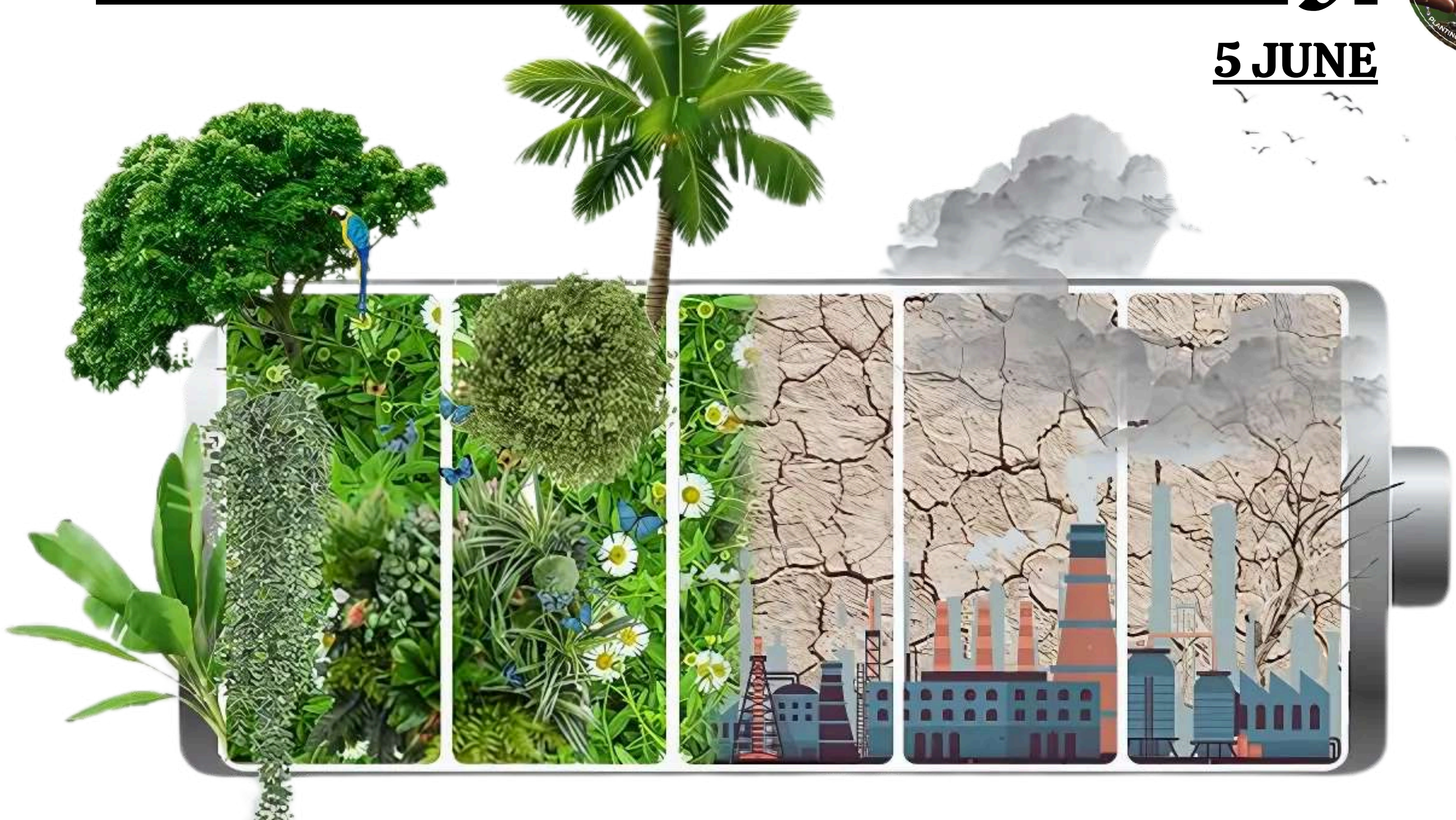


World Environment Day

5 JUNE



The image is a composite of two scenes. The top half shows a factory with two tall smokestacks emitting thick, white plumes of smoke that rise into a hazy, overcast sky. The bottom half shows a large, sprawling pile of garbage, including plastic bags, crumpled paper, and other debris, with a small puddle of water in the center. The overall color palette is muted, with greys, browns, and a pale, overcast sky. A semi-transparent dark grey rectangular box is centered over the image, containing the text 'Air Pollution' in a white, serif font.

Air Pollution

The following footage was shot
6 months apart.

Industrial Pollution

**9.2 billion tons of industrial waste is generated annually.
9,200,000,000,000 kgs!!!**



Solid Waste

Every year we dump a massive 2.12 billion tons of waste. If all this waste was put on trucks they would go around the world 24 times.



California Forest Fires (2020) - Total fires 7,860

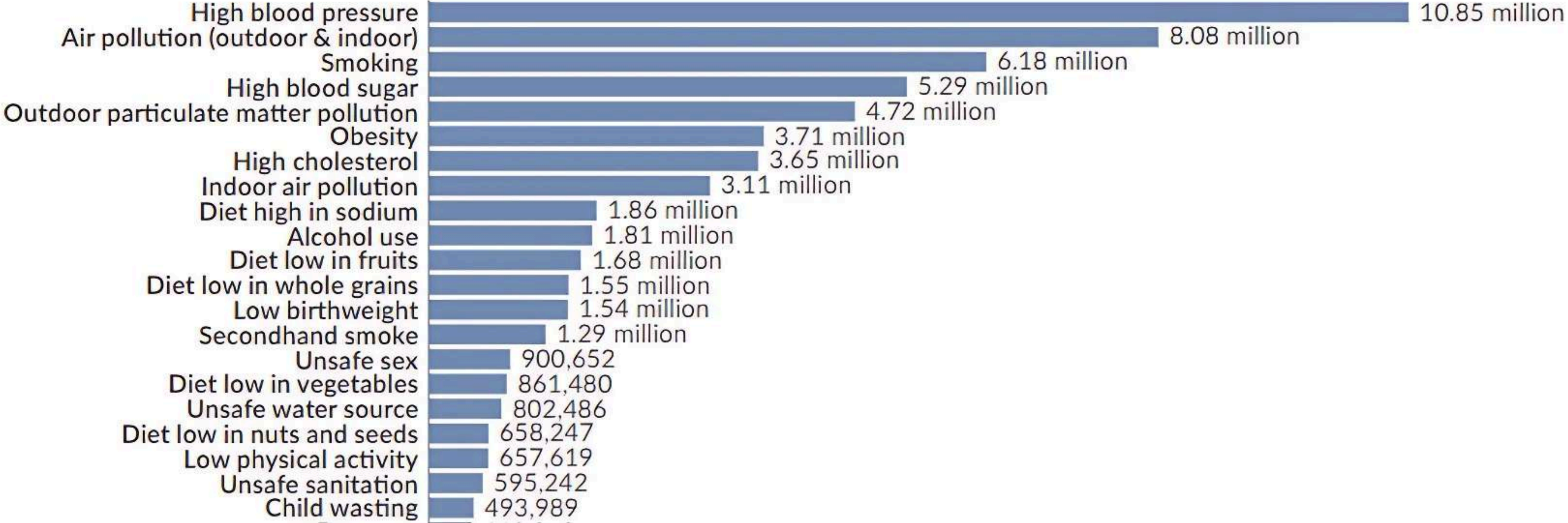


Deforestation

Every minute, size of 40 football fields of tree cover is lost!
Nearly half of the world's forests have already been cleared or degraded for human use.



70 Lakh people died in 2021 because of air pollution



A wide-angle photograph showing a landscape of land pollution. In the foreground, a stream of brown, muddy water flows through a valley filled with discarded plastic waste, including bottles, containers, and bags. The ground is dark and saturated with trash. In the background, a large industrial facility with multiple tall smokestacks and complex piping is visible under a blue sky with scattered white clouds. The overall scene depicts the environmental impact of industrial and consumer waste.

Land Pollution

What is land pollution?

- **Over 2 billion metric tons of waste are thrown away each year.**
- **Expected to increase to 3.78 billion metric tons by 2050.**



1937

WORLD POPULATION : 2.3 BILLION

CARBON IN ATMOSPHERE : 280 PPM

REMAINING WILDERNESS : 66 %

2020

WORLD POPULATION : 7.8 BILLION

CARBON IN ATMOSPHERE : 415 PPM

REMAINING WILDERNESS : 35 %



Solid Waste

- **Around 11.2 billion tones of municipal solid waste are expected to be produced annually worldwide.**
- **Enough to fill more than 800,000 Olympic-sized swimming pools.**



Chemicals

- **Over 75% of the Earth's land area is already degraded.**
- **Estimated to rise to 95% by 2050.**

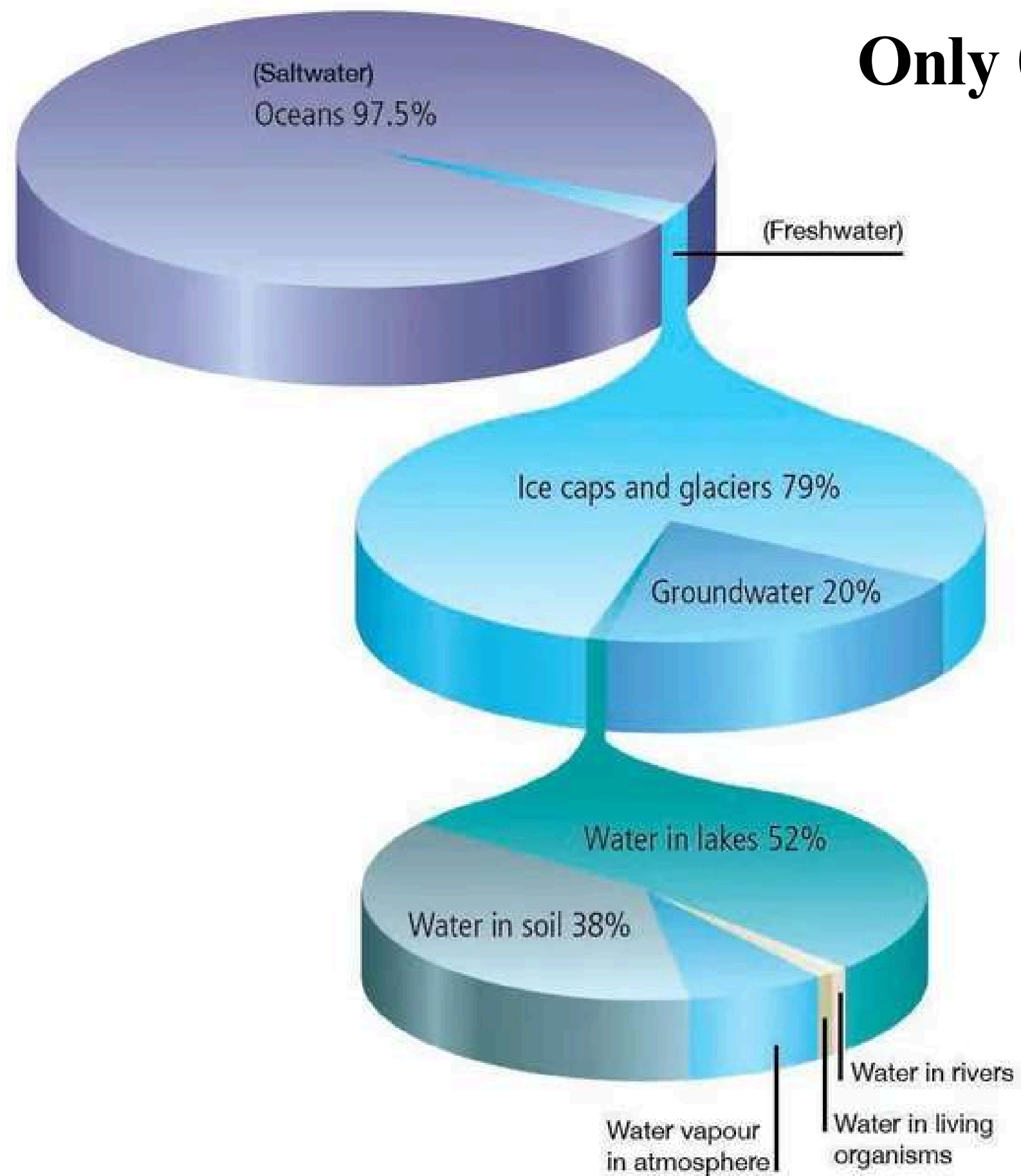


A person wearing a yellow t-shirt and a light-colored cap is seen from behind, sitting in a wooden boat with a green-painted interior. The boat is navigating through a river that is completely choked with a dense layer of plastic waste, including bottles, bags, and other debris. The person is holding a blue container, possibly collecting samples or cleaning up. The scene is a stark illustration of water pollution.

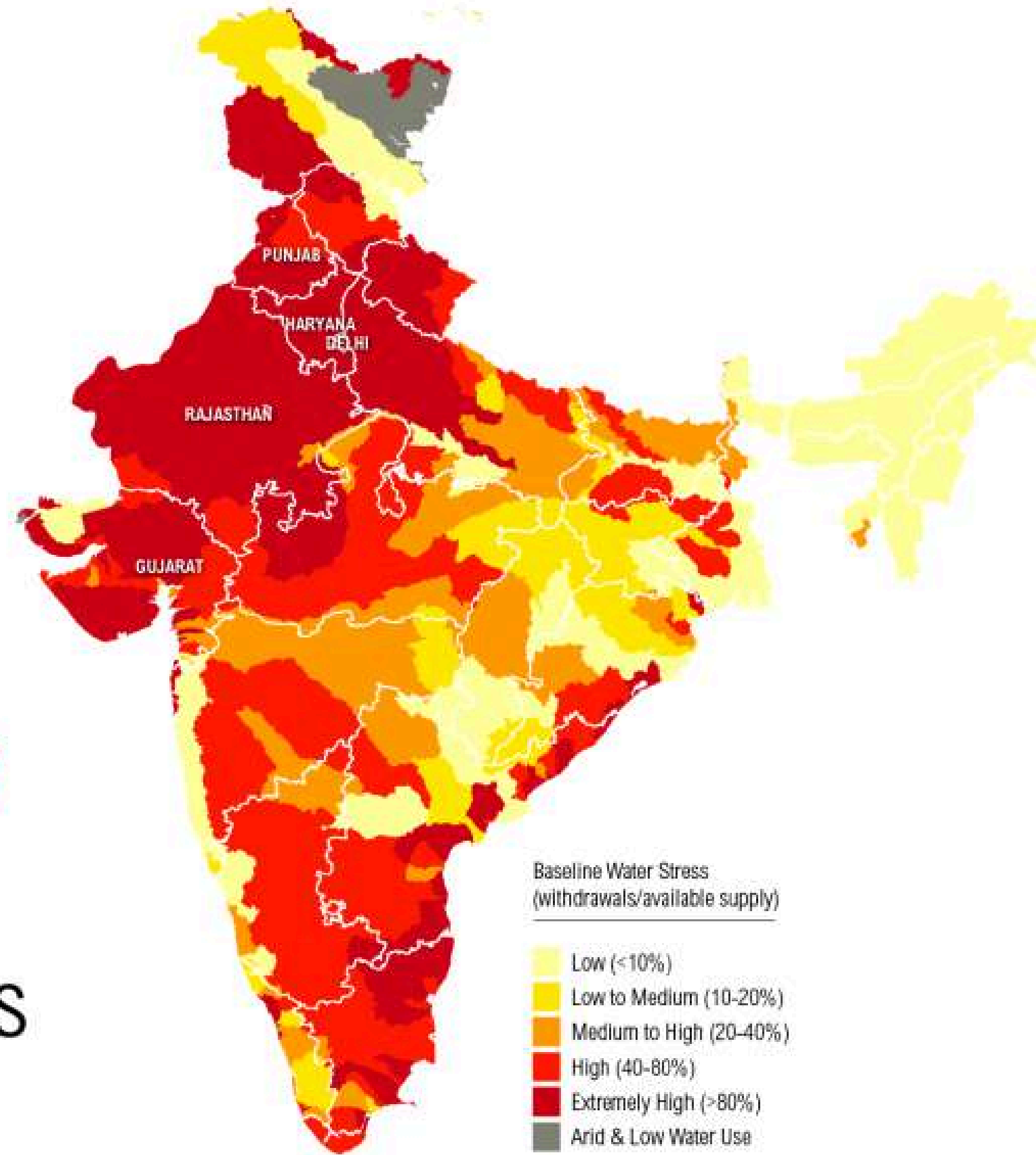
Water Pollution

Water Scarcity

Only 0.5% is fresh water



54%
of India
Faces
**High to
Extremely
High**
Water Stress



- **In Rajasthan Only 38 of 299 blocks have secure groundwater levels.**
- **Gujarat at present has only 2% of the country's water resources with 5% of the country's population.**
- **Haryana faces an annual water deficit of 14 billion cubic meters, with total water demand reaching 34.96 billion cubic meters (34 lakh crore liters) per year.**
- **Panjab groundwater was reachable at 4.5 meters deep around seven to eight years ago. As of now, it is only reachable at 21 meters.**

Water issue in Delhi

In 2023, 99.1% of the available groundwater was already extracted.



The Great Pacific Garbage Patch

GREAT PACIFIC GARBAGE PATCH

46% OF THE TOTAL MASS IS MADE OF DISCARDED FISHING GEAR

SAVE THE WORLD
STOP TRASHING OUR OCEAN

99% OF EVERYTHING IS PLASTIC

1.6 MILLION KM²
994.193 MILLION MILES

1.8 TRILLION PIECES OF PLASTIC

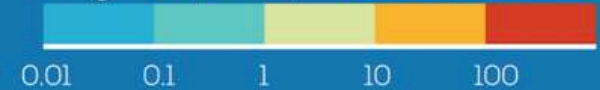
80.000 TONS OF GARBAGE

San Francisco

Hawaii

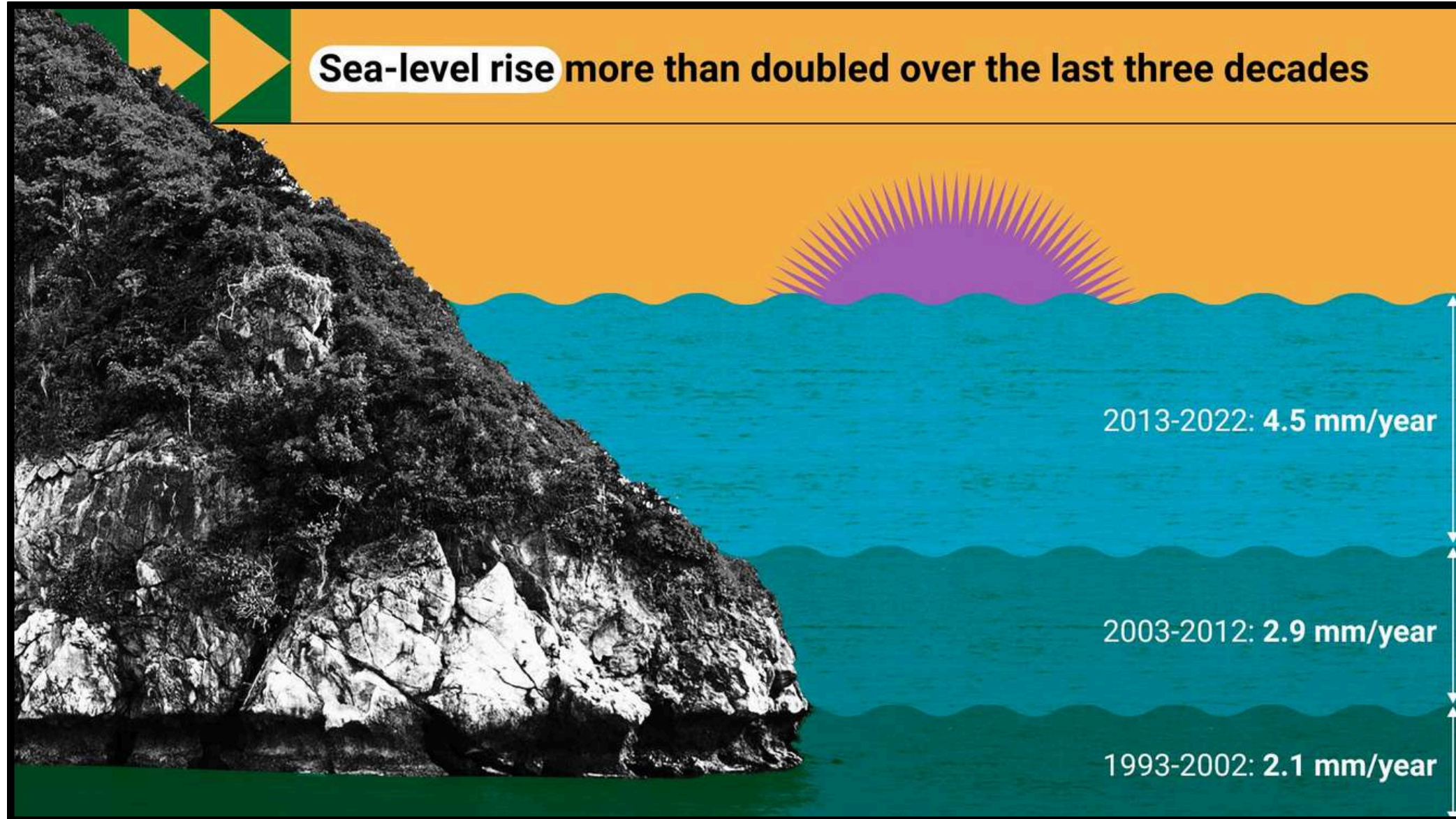
8% MICROPLASTICS
0.05CM - 0.5CM
13% MESOPLASTICS
0.5CM - 5CM
26% MACROPLASTICS
5CM - 50CM
53% MEGAPLASTICS
50 CM

GARBAGE CONCENTRATION
Kilograms per square kilometers



Climate Change

Sea-level rise more than doubled over the last three decades



RECORD OCEAN HEAT

Daily global sea surface temperature (°F)



Source: NOAA OISST

CLIMATE CENTRAL

Solutions ?







WORLD
Environment
DAY

Thank You

Pesticides and Fertilizers

- Pesticides are responsible for around 385 million cases of non-fatal unintentional poisonings.
- 11,000 deaths each year.



Overfishing

Atlantic Overfishing: Europe's Worst Offenders

Share of total allowable catch (TAC) in excess of scientific advice in the northeast Atlantic* (2020)

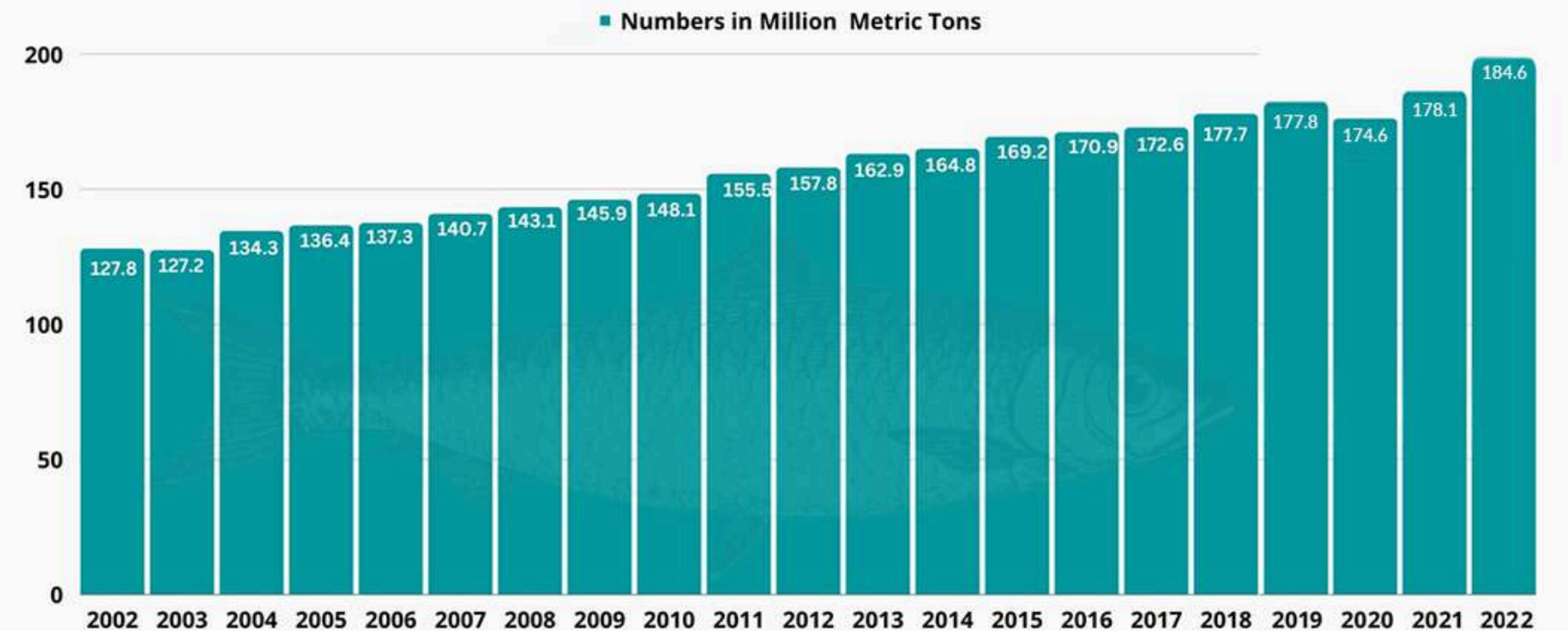


* Based on information provided by scientific bodies on the state of fish stocks and recommended catch levels for sustainability. TACs for commercial fish stocks are agreed upon by fisheries ministers annually.

Source: New Economics Foundation



GLOBAL FISH PRODUCTION FROM 2002 TO 2022



Source: FAO

Pollution

The Great Pacific Garbage Patch estimates ranging from 75% to 86% of all plastic debris originating from offshore fishing. This includes fishing gear like nets, lines, and ropes.

