



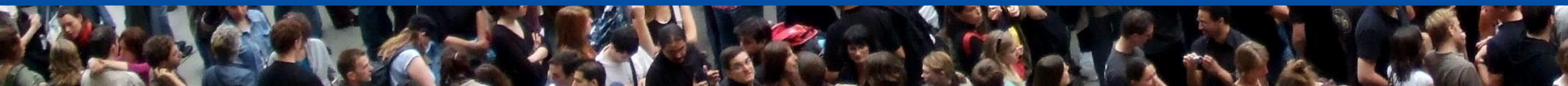
Greening EU Cooperation

Integrating Environment, Climate Change and Disaster Risk
Reduction in EU External Action

Session 1: Why greening?



9.5 billion people by 2050





By 2050, 70% of the world's population will be living in cities, 50% of which are not yet built

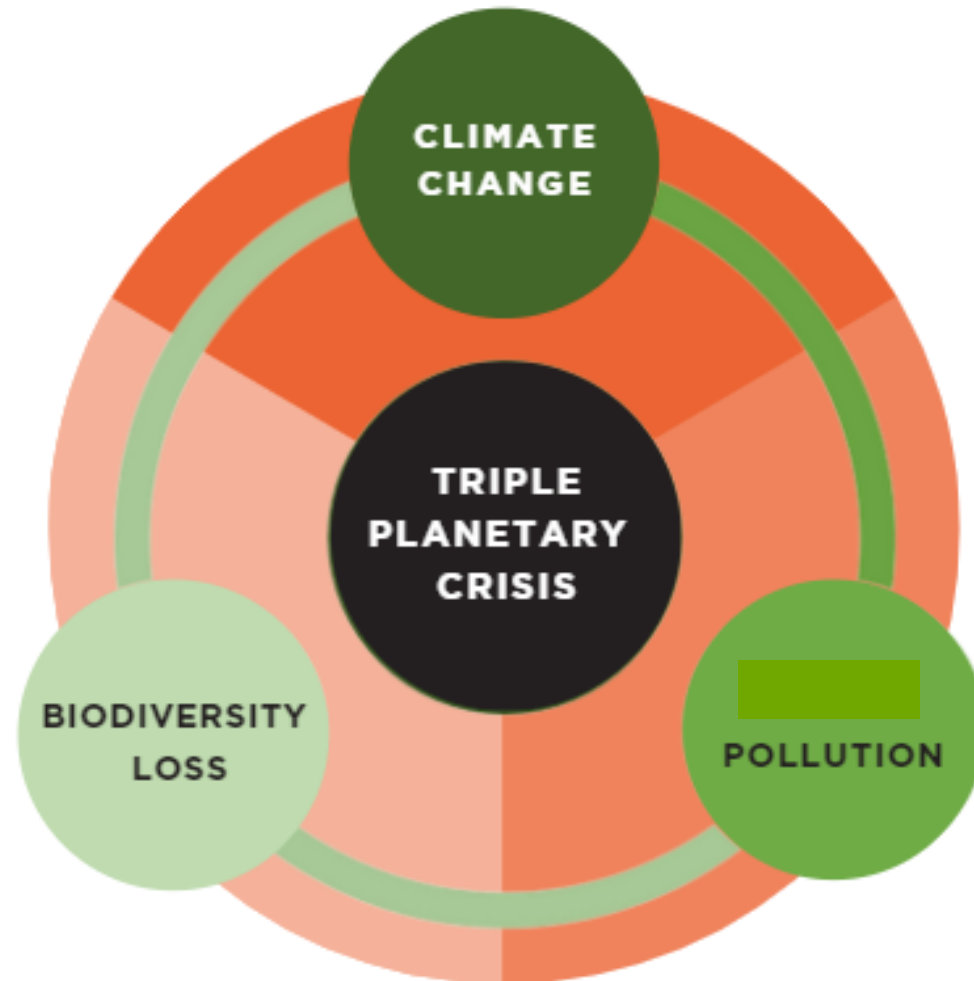


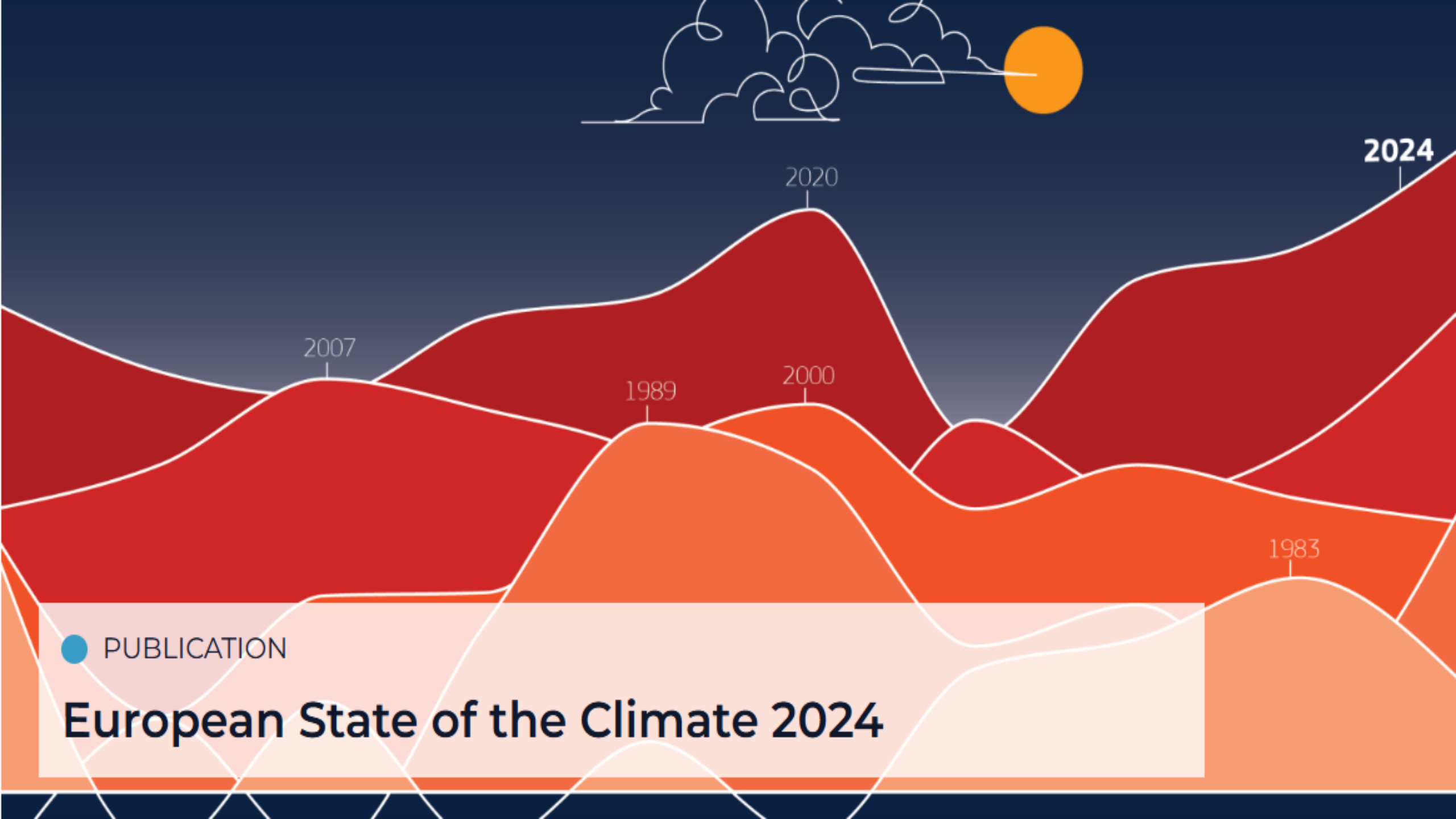
140 million people are joining the middle class every year



18.2 billion mobile devices worldwide 2025

The triple planetary crisis





European State of the Climate 2024

The CLIMATE crisis

Observed widespread and substantial impacts and related losses and damages attributed to climate change

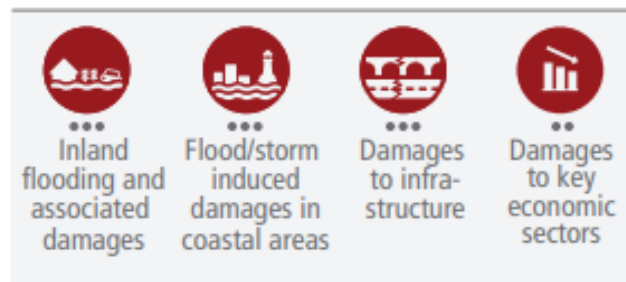
Water availability and food production



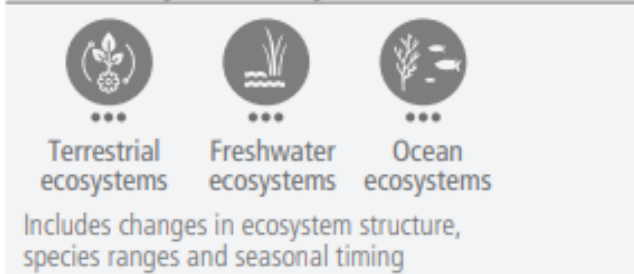
Health and well-being



Cities, settlements and infrastructure



Biodiversity and ecosystems



GHG emissions have caused global warming – global surface temperatures reaching 1.1°C above 1850-1900 in 2011-2020

Key

Observed increase in climate impacts to human systems and ecosystems assessed at global level

- Adverse impacts
- Adverse and positive impacts
- Climate-driven changes observed, no global assessment of impact direction

Confidence in attribution to climate change

- High or very high confidence
- Medium confidence
- Low confidence

Source: IPCC 6th Assessment Report (2023)

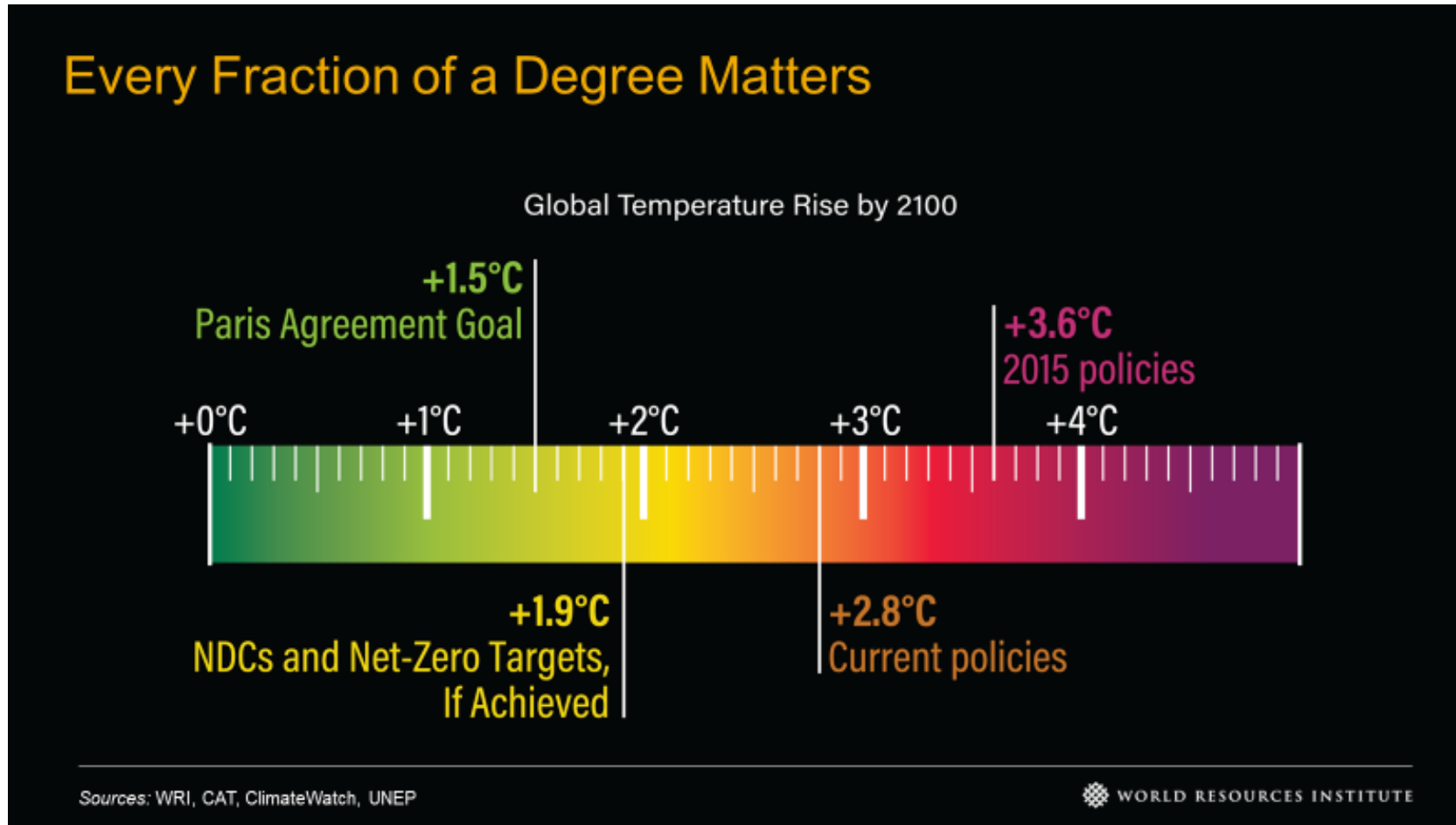


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The CLIMATE crisis





The effects of climate change are increasingly being felt

Climate Change Is a Threat Multiplier

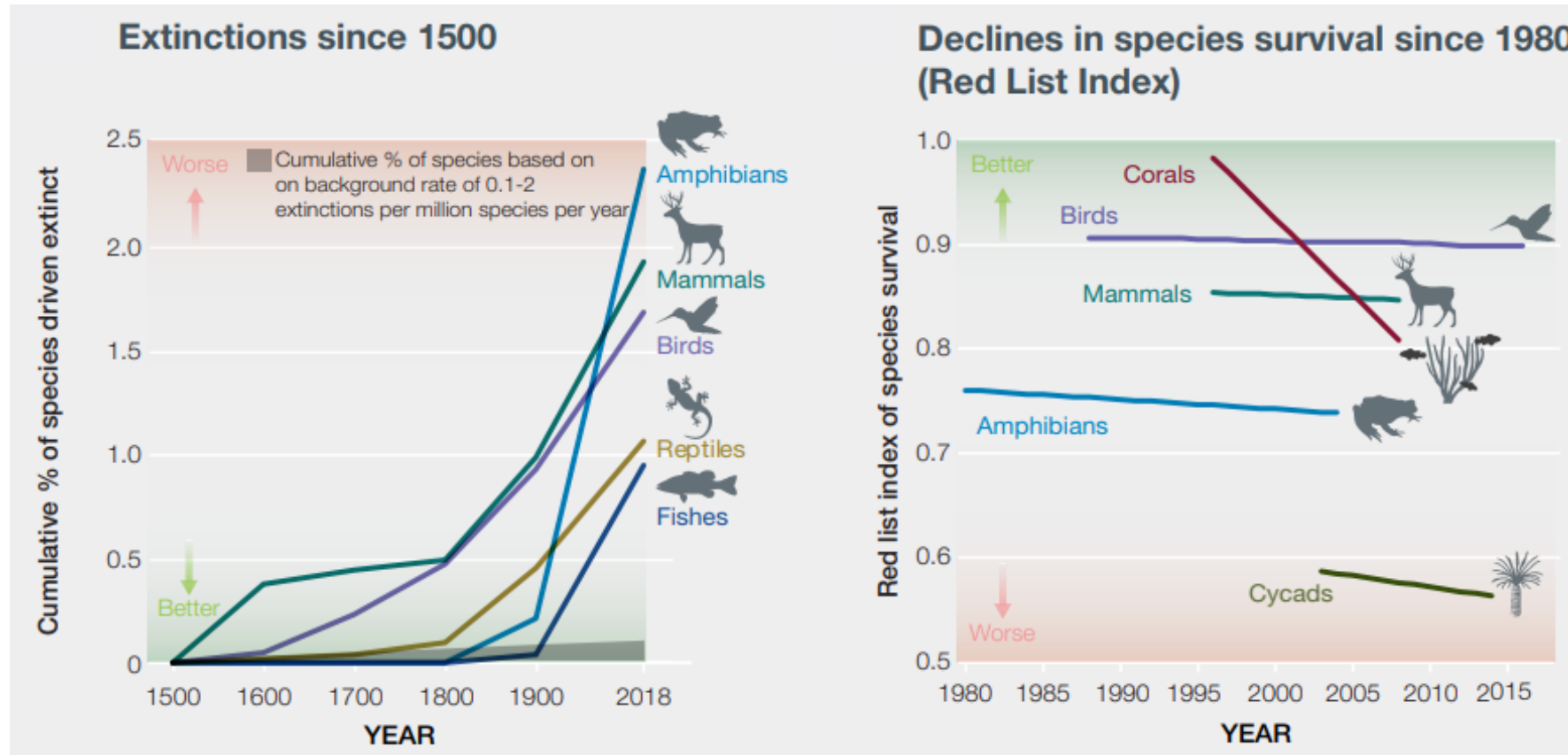
Floods decreased Pakistan's projected GDP growth from **5% to 2%**

IPCC: In the last decade, deaths from floods, droughts and storms were **15x higher** in highly vulnerable regions



75% of the Earth's land surface has been significantly altered by human actions, including 85% of wetland areas; 66% of ocean area is impacted by human activities, including from fisheries and pollution (IPBES 2024)

The BIODIVERSITY crisis



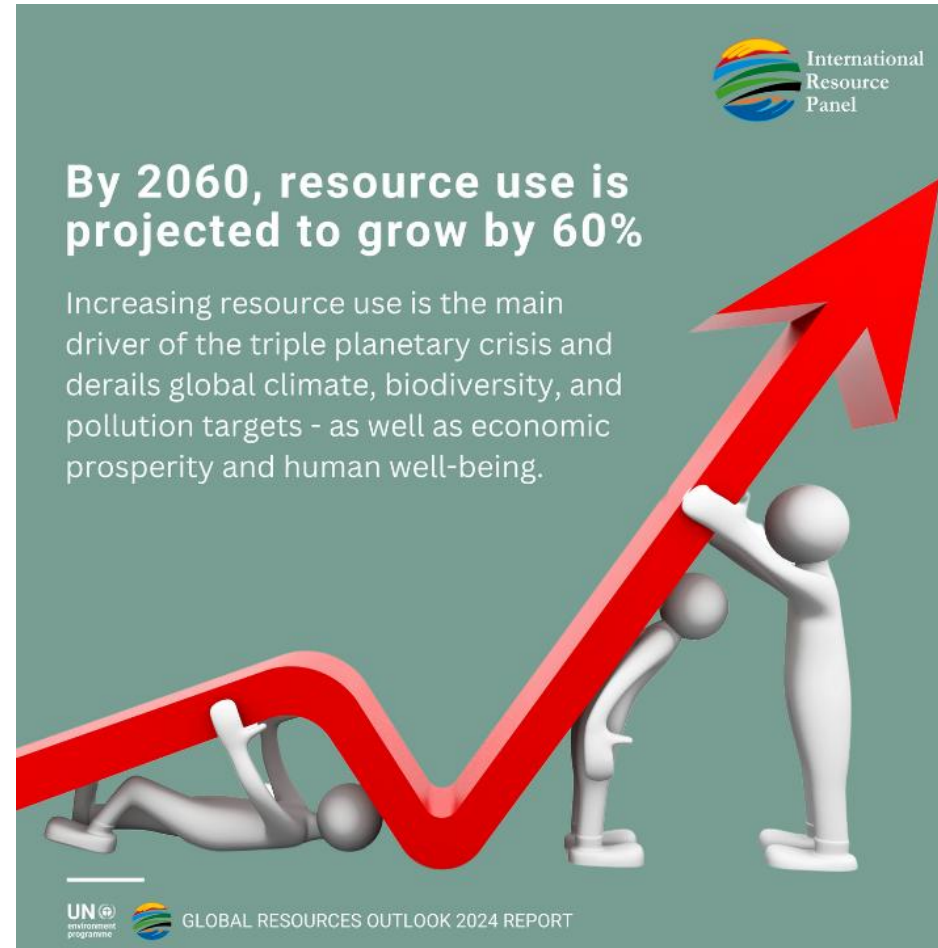
Source: IPBES Global Assessment Report (2019)





We produce about 430 million tonnes of plastic waste each year (OECD 2022) and...2.1 billion tonnes of municipal waste (they will be 3.8 billion tonnes by 2050 – UNEP 2024)!

The encompassing crisis... the RESOURCES crisis

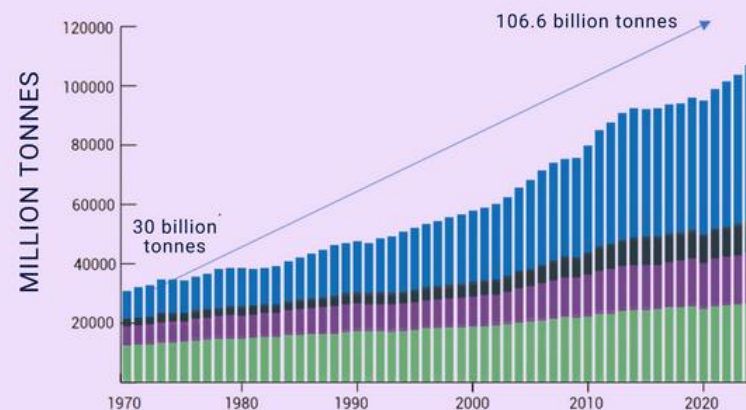


The RESOURCES crisis



Material use has increased

It grew more than 3x over the last 50 years and continues to grow by an average of more than 2.3% per year.



Biomass



Non-metallic
minerals



Fossil fuels



Metals



GLOBAL RESOURCES OUTLOOK 2024 REPORT



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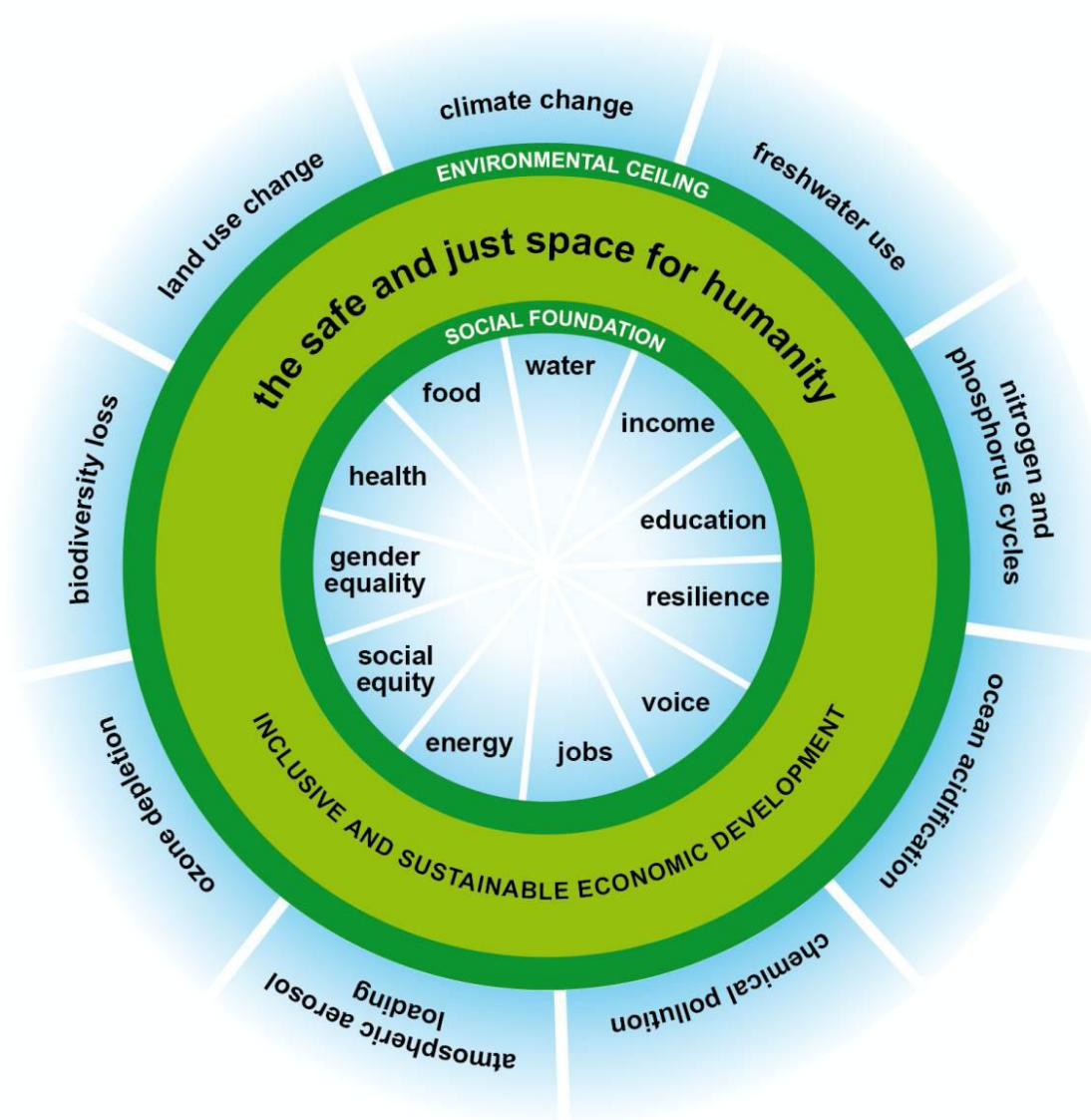


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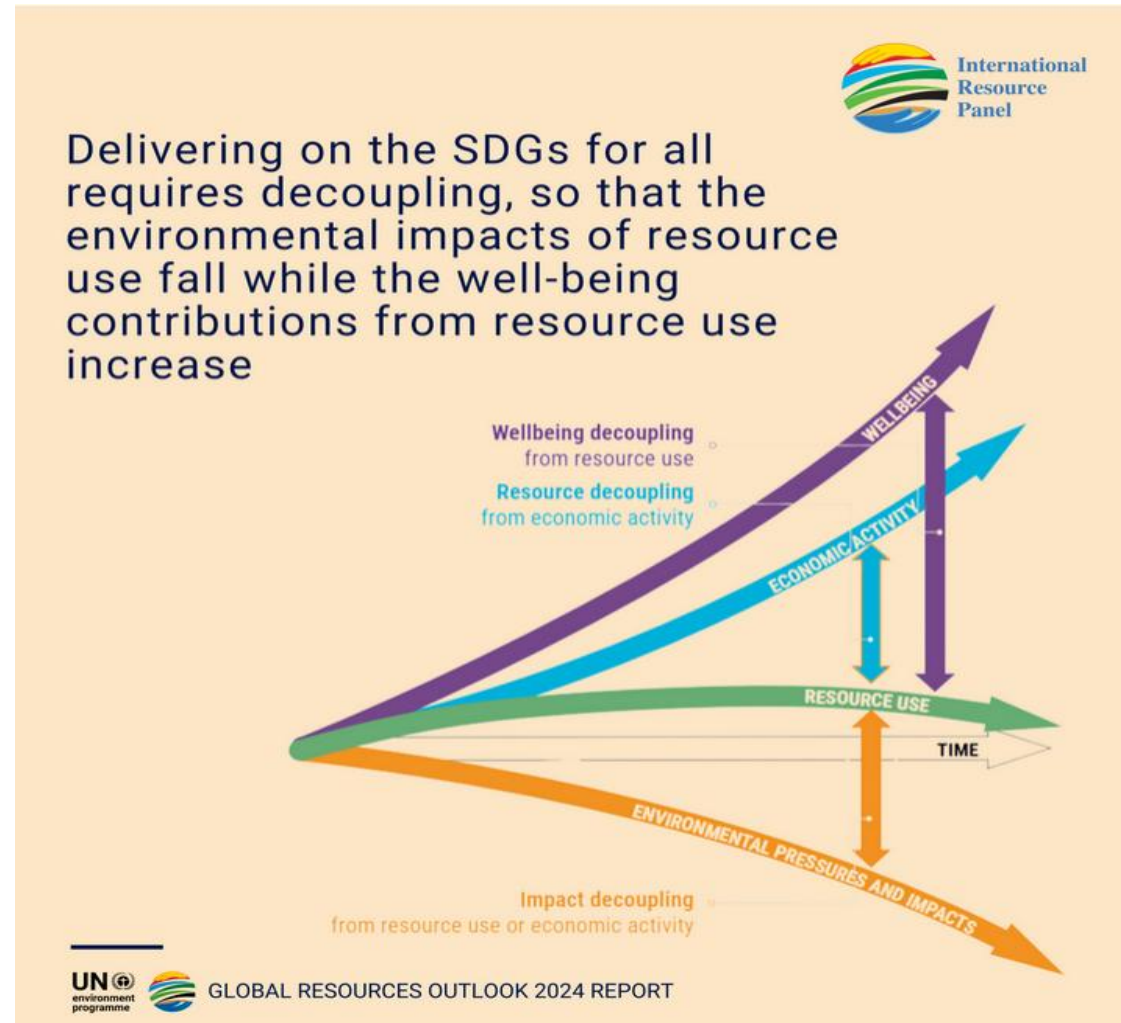
World Economic Forum – Global Risks Report 2024



The doughnut economy



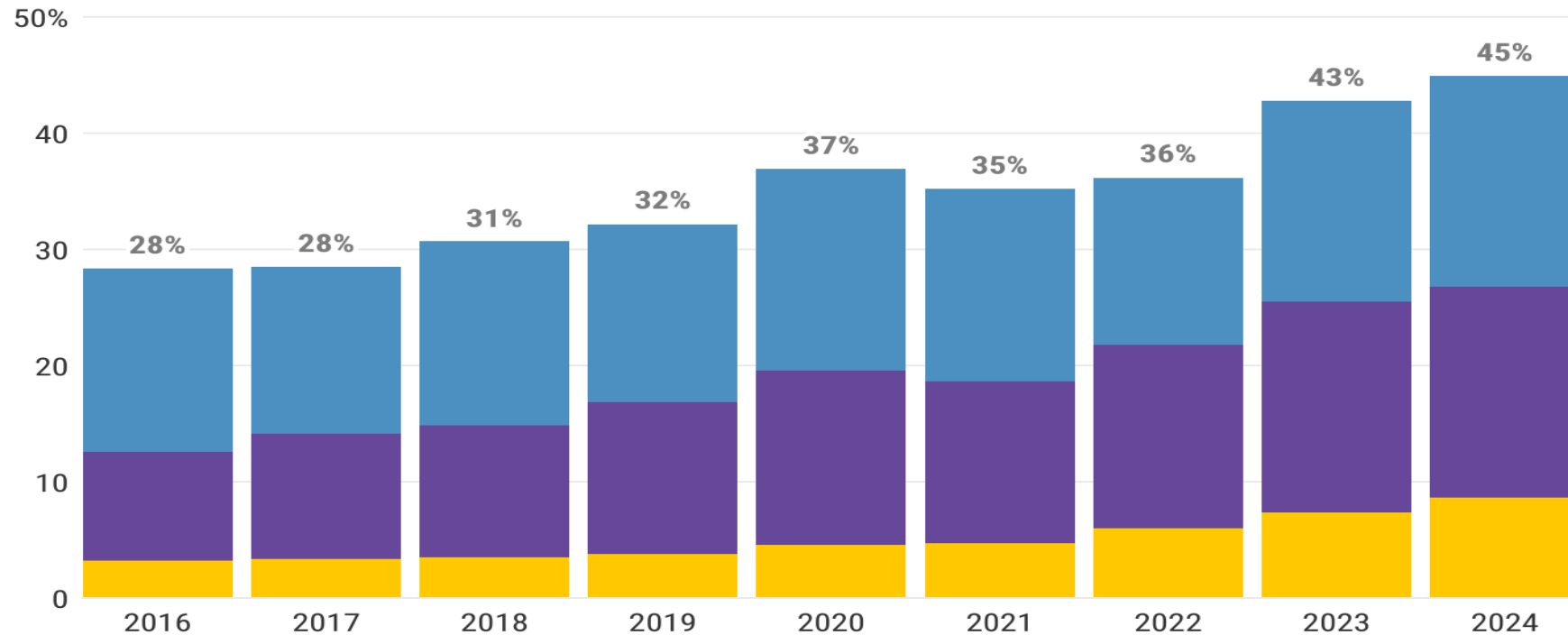
We need to act smartly...



(... and it is possible ...)

Percentage of the total annual actual electricity generation for Europe from different sources

■ Solar power ■ Wind power ■ Hydro power



Data: ENTSO-E and Elexon • Credit: C3S/ECMWF



PROGRAMME OF
THE EUROPEAN UNION

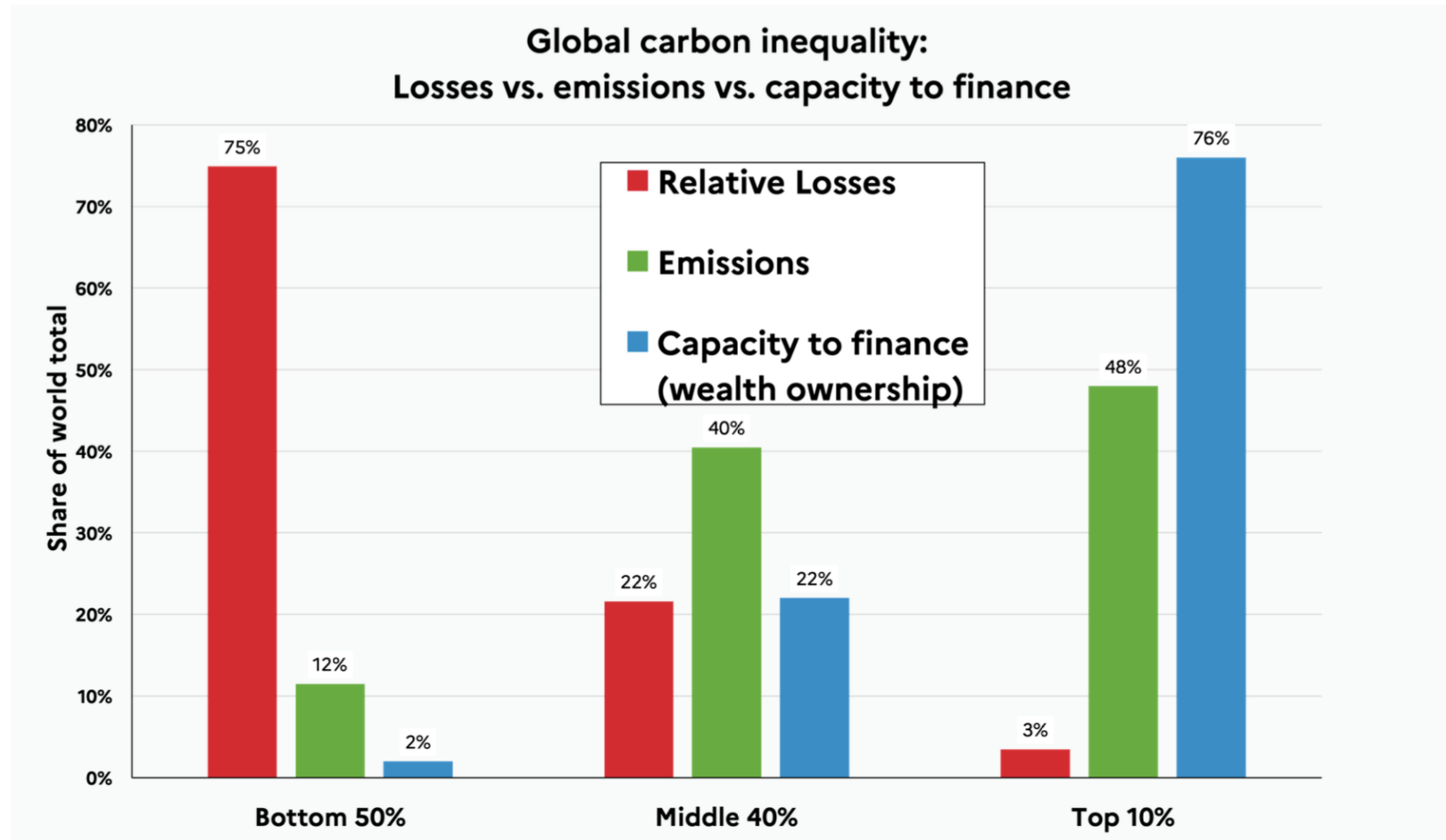


IMPLEMENTED BY



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and combat inequalities



WID 2023



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The POLLUTION crisis...

...a Water crisis

Our rivers, reservoirs, lakes, and seas are drowning in chemicals, waste, plastic, and other pollutants. They kill millions of humans and destroy biodiversity.



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The POLLUTION crisis...

...a Soil crisis



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The POLLUTION crisis...

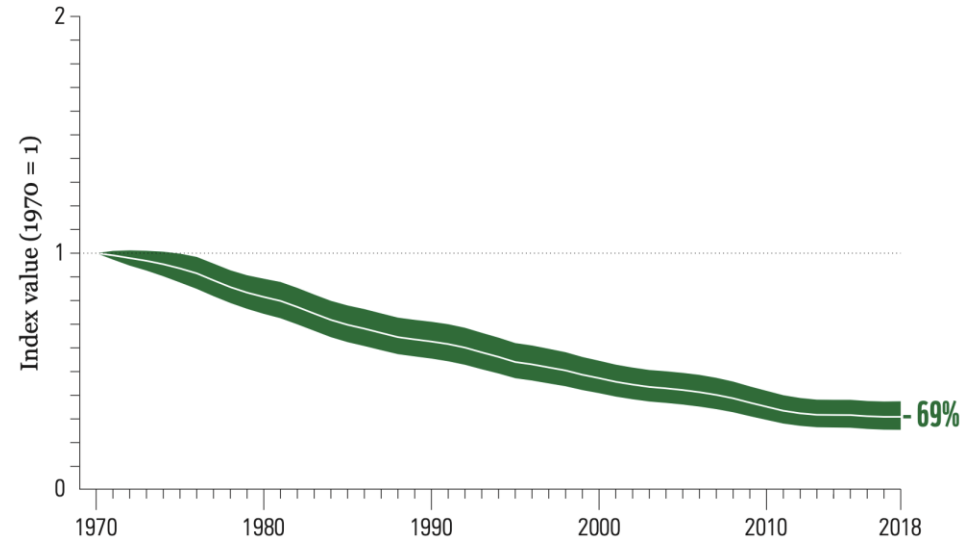
... an Air crisis

- Major threat to humans and climate
- The combined effects of ambient air pollution and household air pollution is associated with 7 million premature deaths annually (WHO 2024)



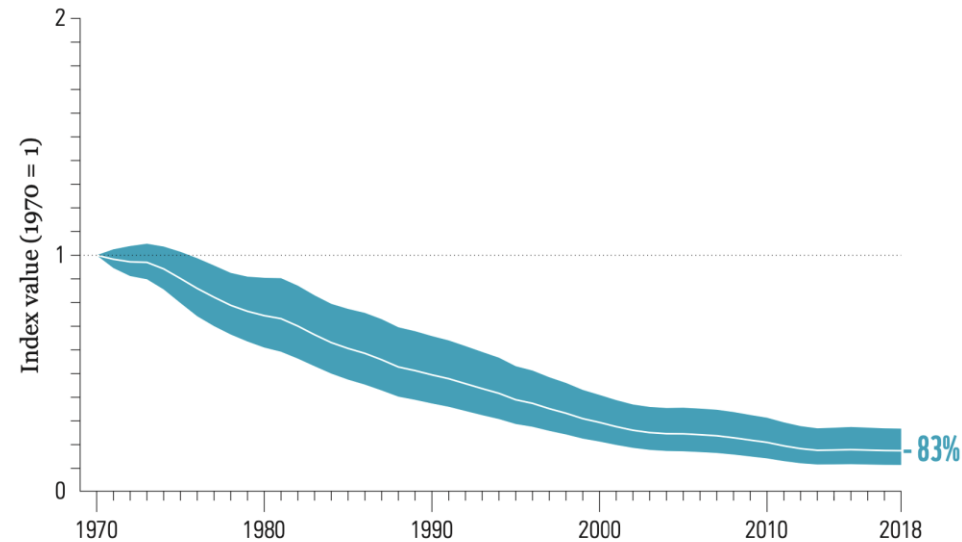
The BIODIVERSITY crisis

*The global Living Planet Index
(1970 to 2018)*



WWF Living Planet report 2022
Source: IPBES Global
Assessment Report (2019)

*The global Freshwater Index
(1970 to 2018)*



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