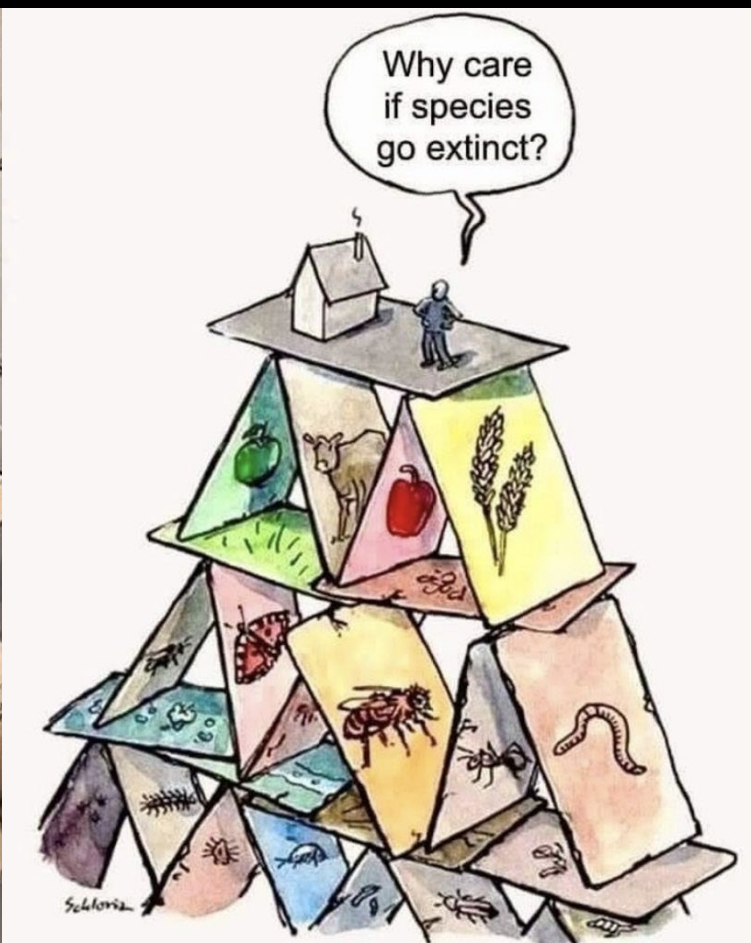
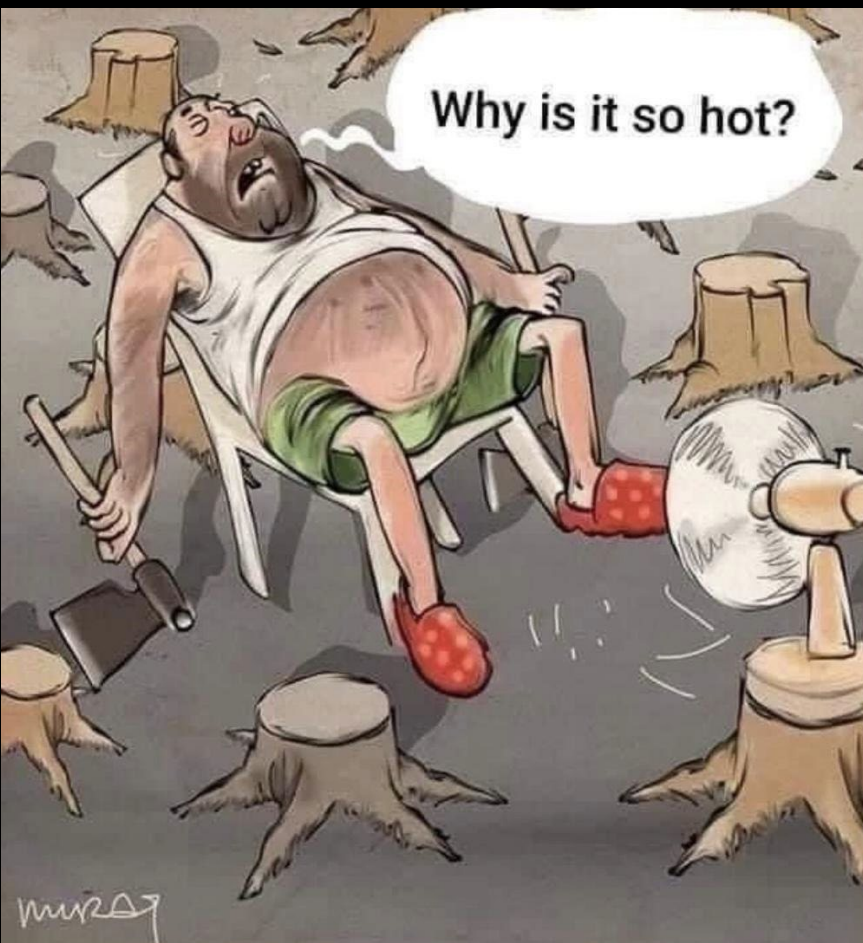




# CLIMATE CHANGE AND NATURE FROM URGENCY TO CONNECTEDNESS

**‘WITH COVID AND THE WAR IN UKRAINE  
WE FACE UNCERTAINTY’**





CAN WE ADAPT?



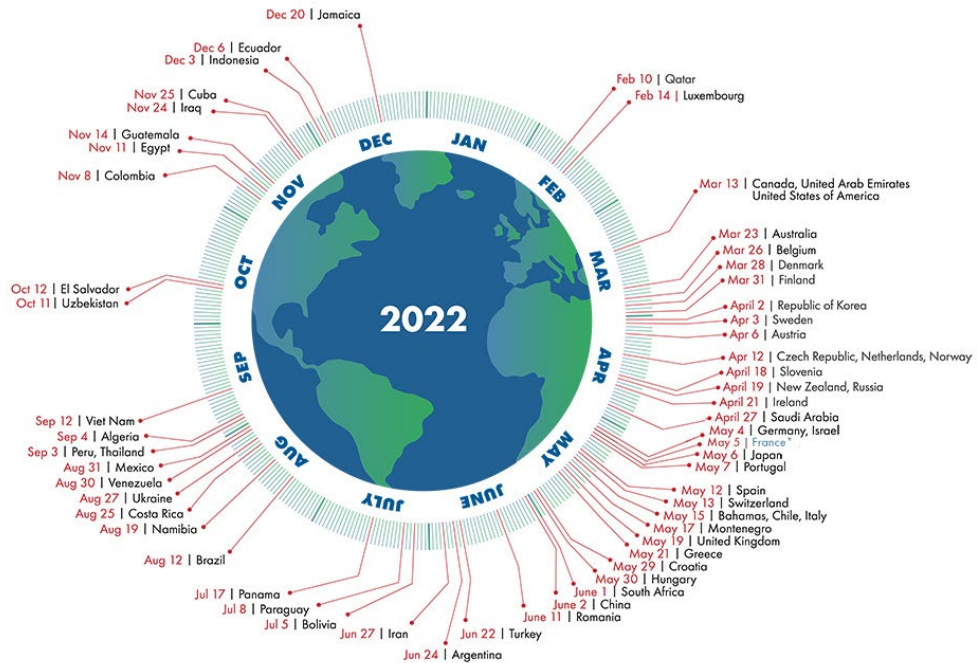






# Country Overshoot Days 2022

When would Earth Overshoot Day land if the world's population lived like...



For a full list of countries, visit [overshootday.org/country-overshoot-days](https://overshootday.org/country-overshoot-days).

\* France Overshoot Day updated April 20, 2022 based on nowcasted data. See [overshootday.org/france](https://overshootday.org/france).

Source: National Footprint and Biocapacity Accounts, 2022 Edition  
[data.footprintnetwork.org](https://data.footprintnetwork.org)

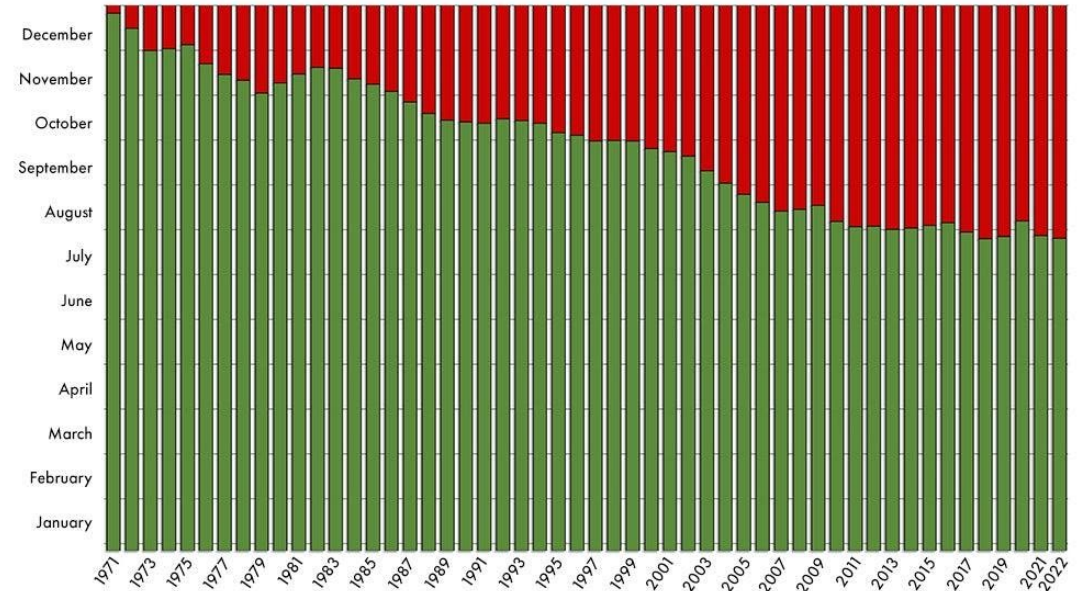


1 Earth

# Earth Overshoot Day 1971 - 2022



1.75 Earths



Source: National Footprint and Biocapacity Accounts 2022 Edition  
[data.footprintnetwork.org](https://data.footprintnetwork.org)

**GLOBAL: AUGUST 4 - BELGIUM: MARCH 26**















STOP BURNING  
OUR  
BABIES' FUTURES

IT'S GETTING  
HOT  
IN HERE

IT'S GETTING  
HOT  
IN HERE

IT'S GETTING  
HOT  
IN HERE

IT'S GETTING  
HOT  
IN HERE

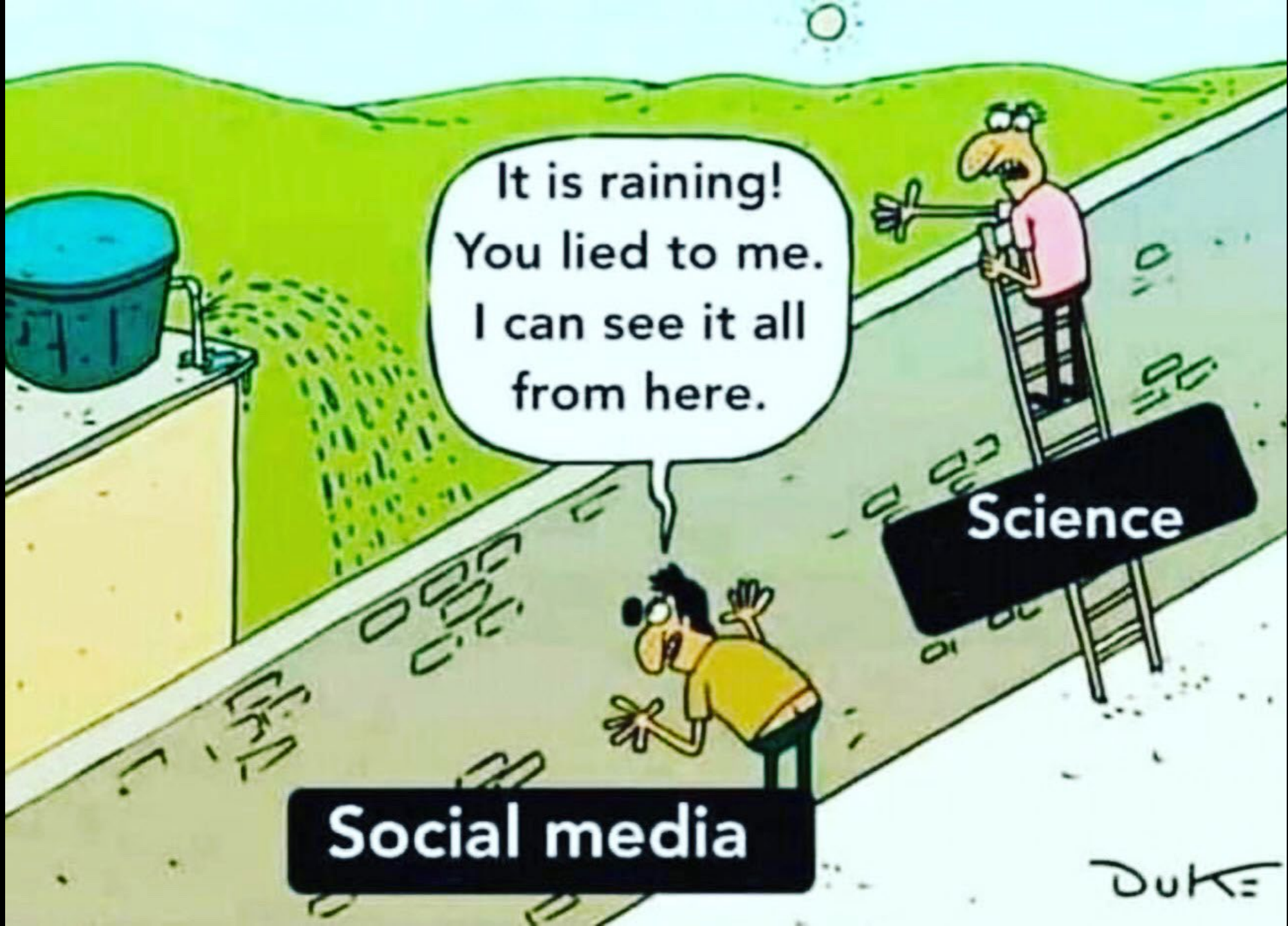
IT'S GETTING  
HOT  
IN HERE







*“The most dangerous worldview is the worldview of those who have not viewed the world.” - Edward O. Wilson*



It is raining!  
You lied to me.  
I can see it all  
from here.

Science

Social media

Duke







PAST 50 YEARS

+21% PER PERSON

+47% TOTAL

10% PEOPLE

50% EMISSIONS



Past 50 years

**EXTREME WEATHER**

**+ 44 %**





# SELF REGULATING EARTH

- SEQUESTRATION OCEANS
- ICE REFLECTION
- SEQUESTRATION NATURAL ECOSYSTEMS





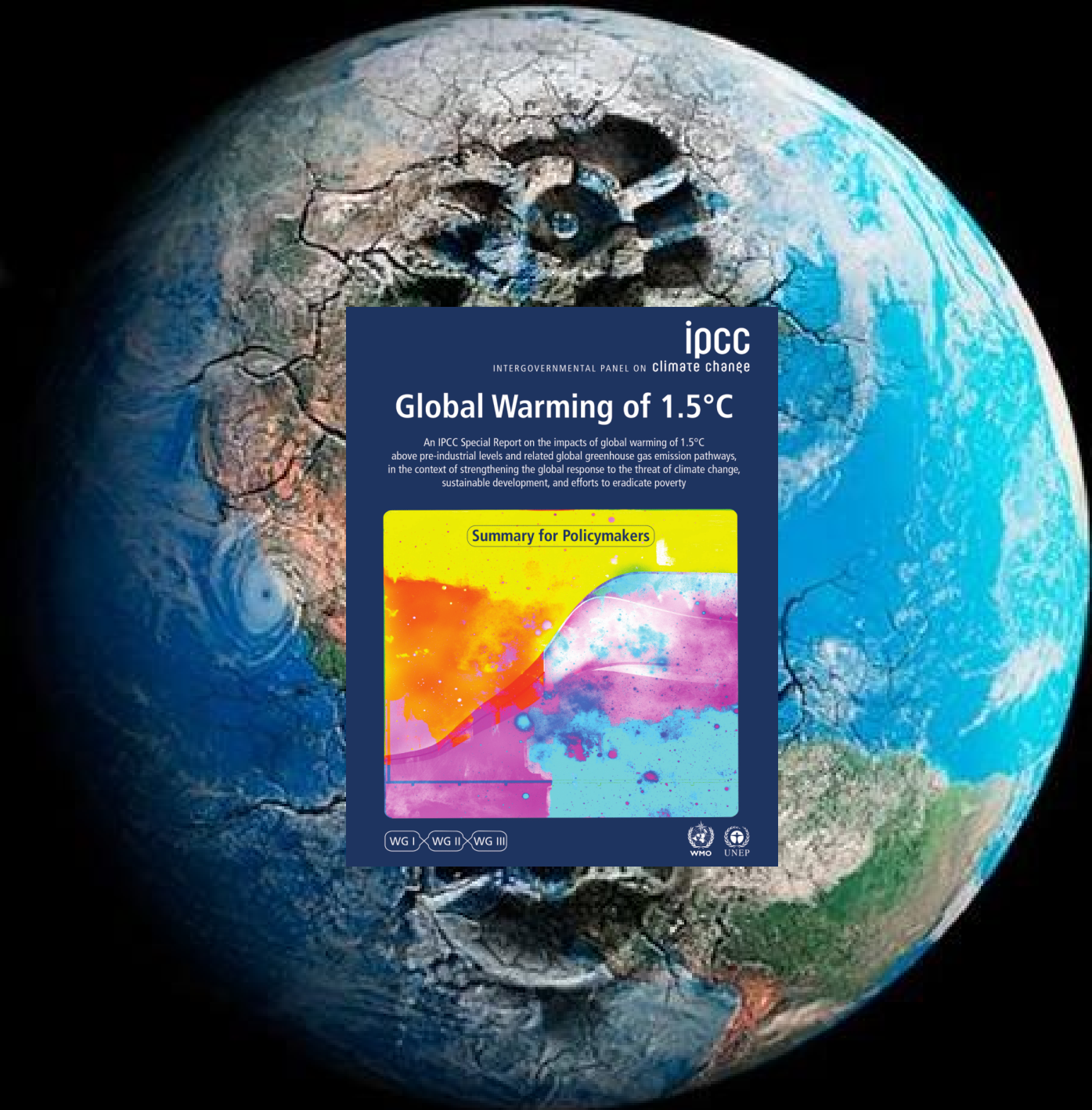


# **UN CLIMATE AGREEMENT PARIS**

**FAR BELOW 2°C -- 1,5°C**

**☐ CLIMATE NEUTRAL BY 2050**





**ipcc**  
INTERGOVERNMENTAL PANEL ON climate change

## Global Warming of 1.5°C

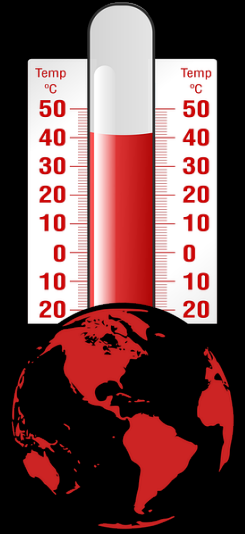
An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty

Summary for Policymakers

WG I | WG II | WG III

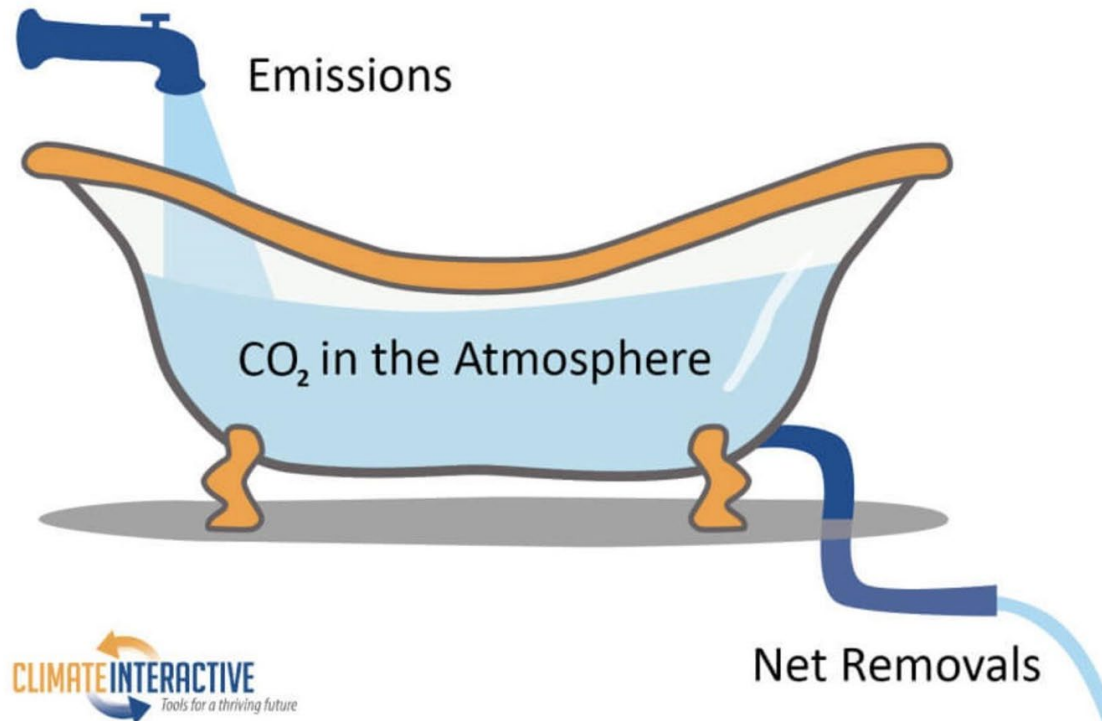
WMO | UNEP

1,5°C

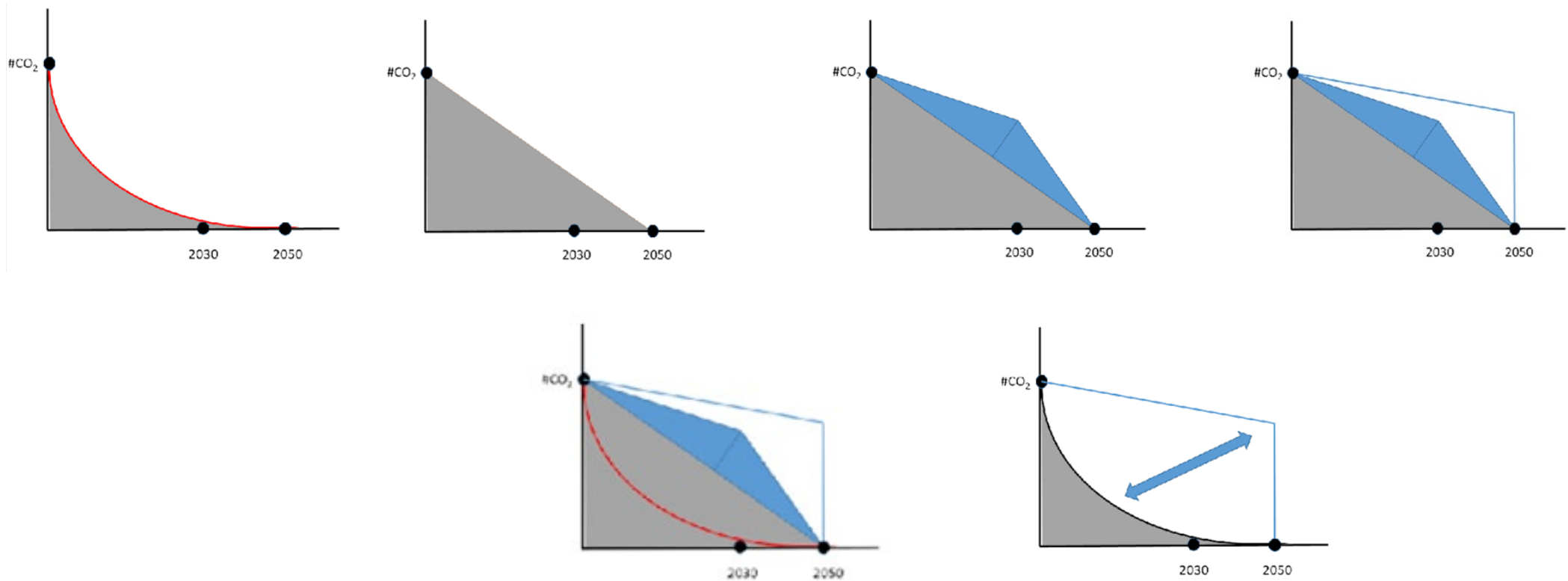


4,3°C





# GLOBAL WARMING IS NOT IS NOT DETERMINED BY A YEAR BUT BY THE AMOUNT OF EMISSIONS





**'THE EARLIER WE START  
THE LESSER EMISSIONS WE NEED'**



# Braunsbach, Germany

May 30, 2016







**Antalya, Turkey**

**45.4° C - July 2, 2017**



Anchorage Alaska, 17 juni 2017 - 36°C

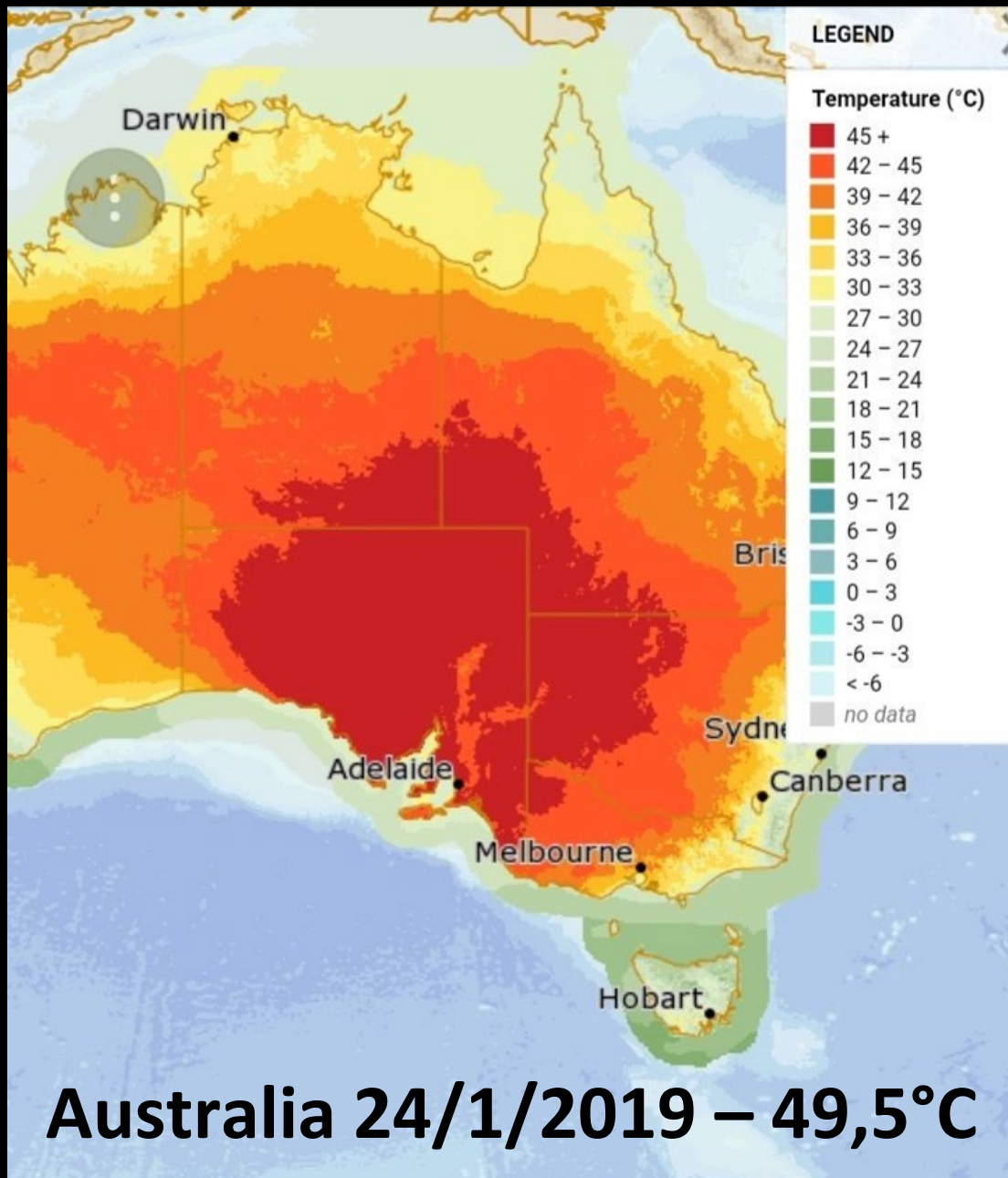




# Nearly Dry Well, Gokwe, Zimbabwe









# Braga, Portugal

A nighttime photograph of a town in Braga, Portugal. The town is illuminated by streetlights and house lights, appearing as a cluster of small, warm-toned lights against the dark night. In the background, a large hillside is engulfed in a massive fire, with bright orange and yellow flames and thick smoke rising into the sky. The fire is the dominant feature of the background, casting a glow over the entire scene. The sky is dark, and the overall atmosphere is one of a major disaster.

At least 41 people died in Portugal's October 2017 fires.









Impact of Global warming on nature  
<https://phys.org/news/2021-06-climate-impacts-nature.html>











# CLIMATE TIPPING POINTS

The world has already crossed nine 'tipping points' that will lead to catastrophic climate change, scientists have warned.

■ TIPPING POINTS  
➔ CONNECTIVITY

**1**  
**Amazon rainforest**  
Frequent droughts

**2**  
**Arctic sea ice**  
Massive losses

**3**  
**Atlantic circulation**  
A slowdown since 1950s

**4**  
**Boreal forest**  
Increase in fires

**5**  
**Coral reef**  
Mass die-offs

**6**  
**Greenland ice sheet**  
Ice loss accelerating

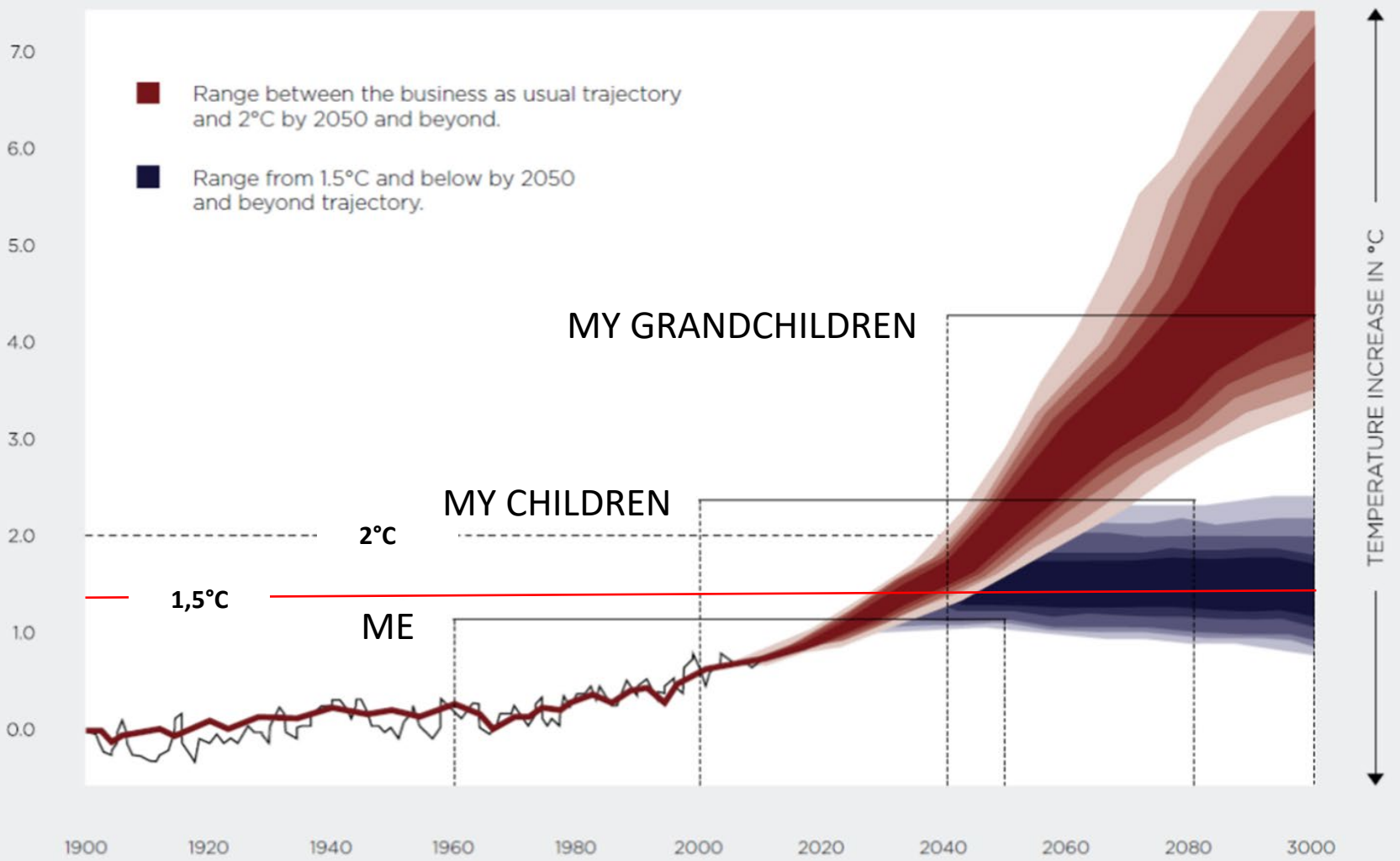
**7**  
**Permafrost**  
Melting

**8**  
**West Antarctic ice sheet**  
Ice loss accelerating

**9**  
**Wilkes Basin**  
East Antarctica ice loss accelerating

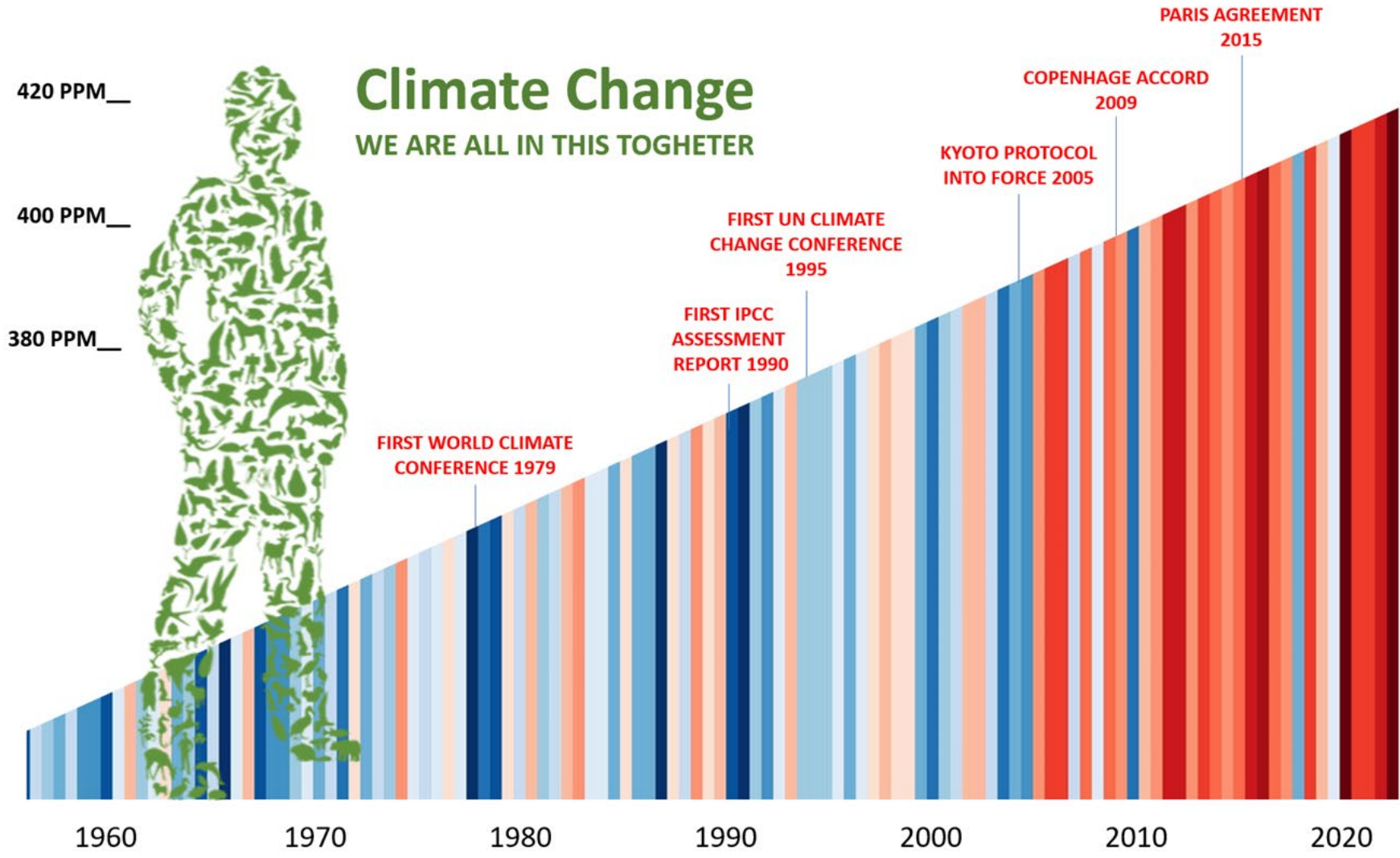






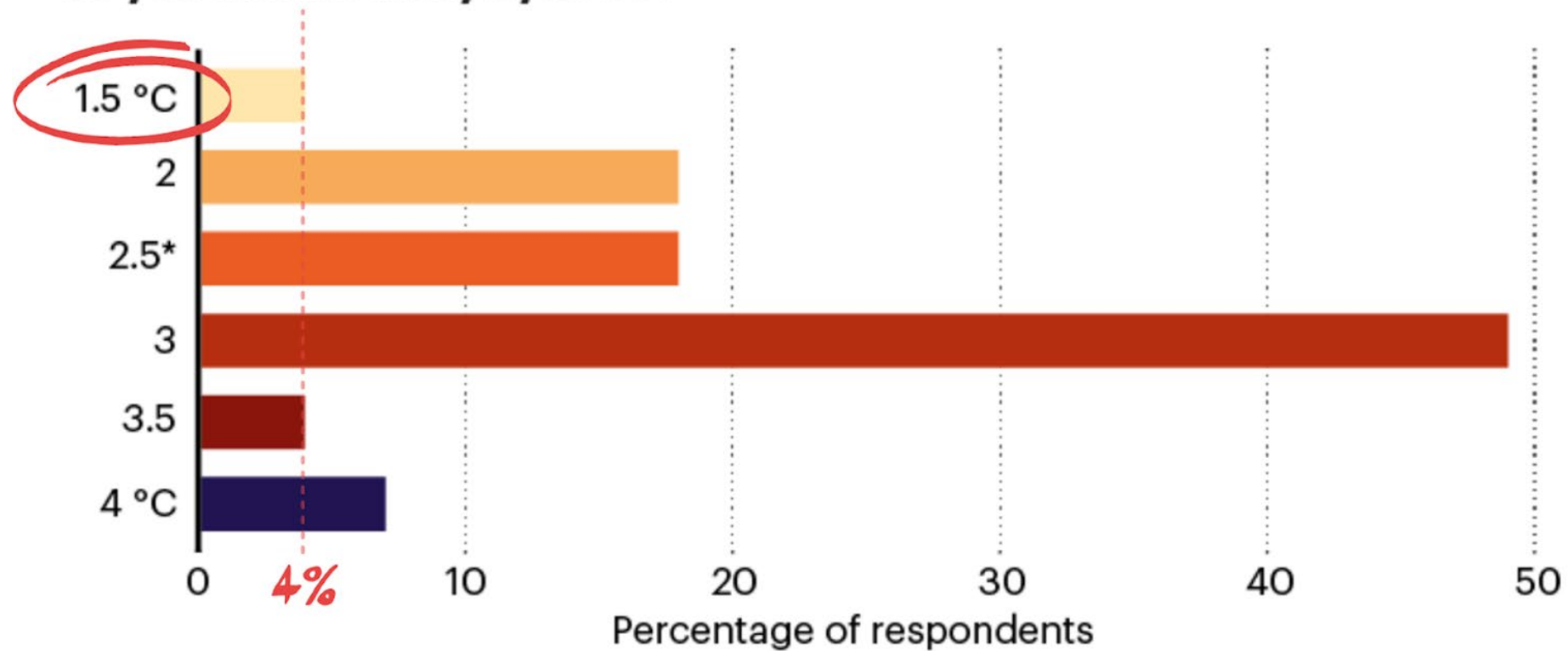
# Climate Change

WE ARE ALL IN THIS TOGHETER





## How much warming above pre-industrial times do you think is likely by 2100?



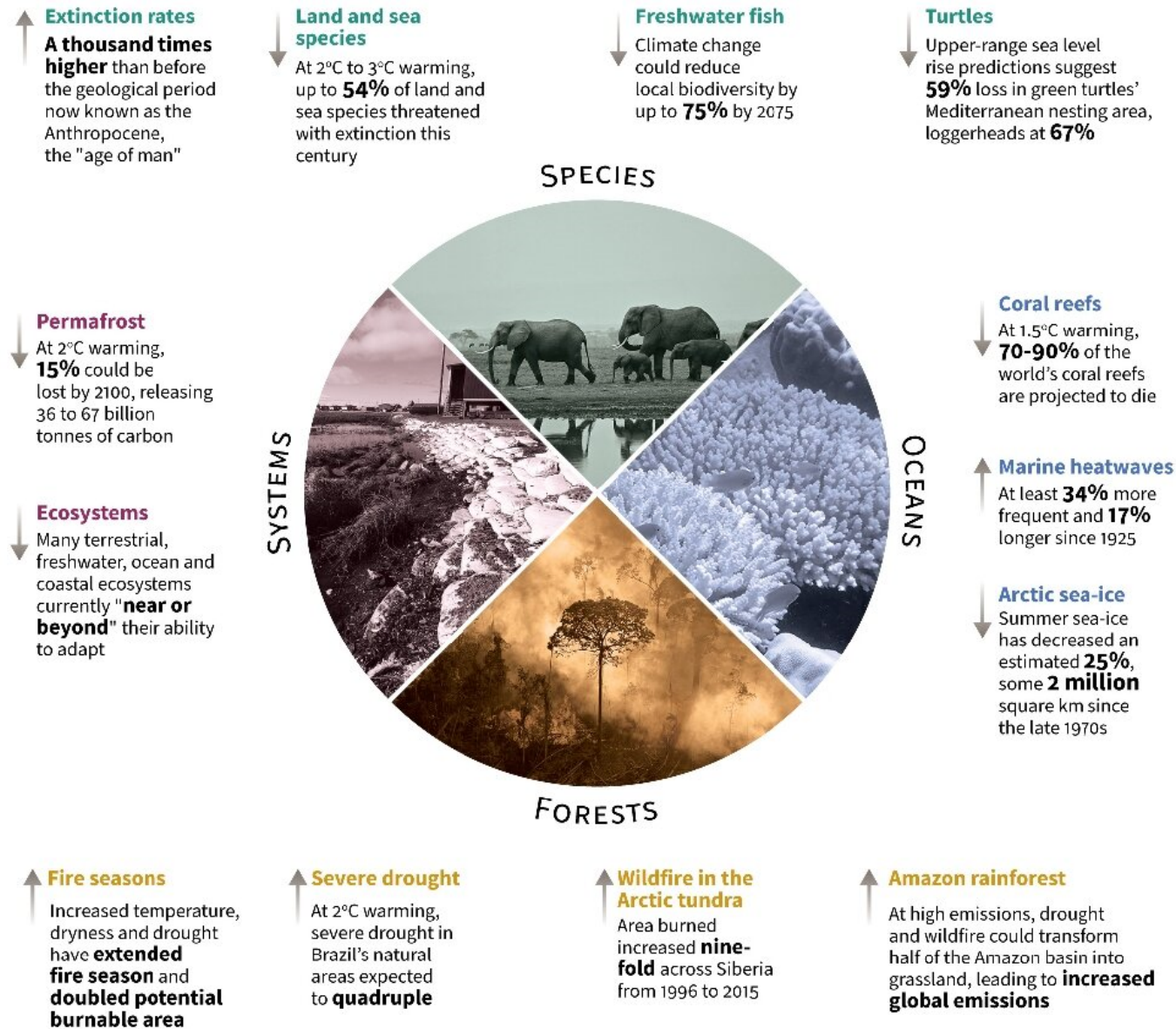
\*Includes 2 responses between 2.7 °C and 2.75 °C; 2.5 °C and 3.5 °C were write-in answers.





# Climate change: the impact on nature

Highlights of a landmark Intergovernmental Panel on Climate Change (IPCC) draft report on how a warming planet impacts nature

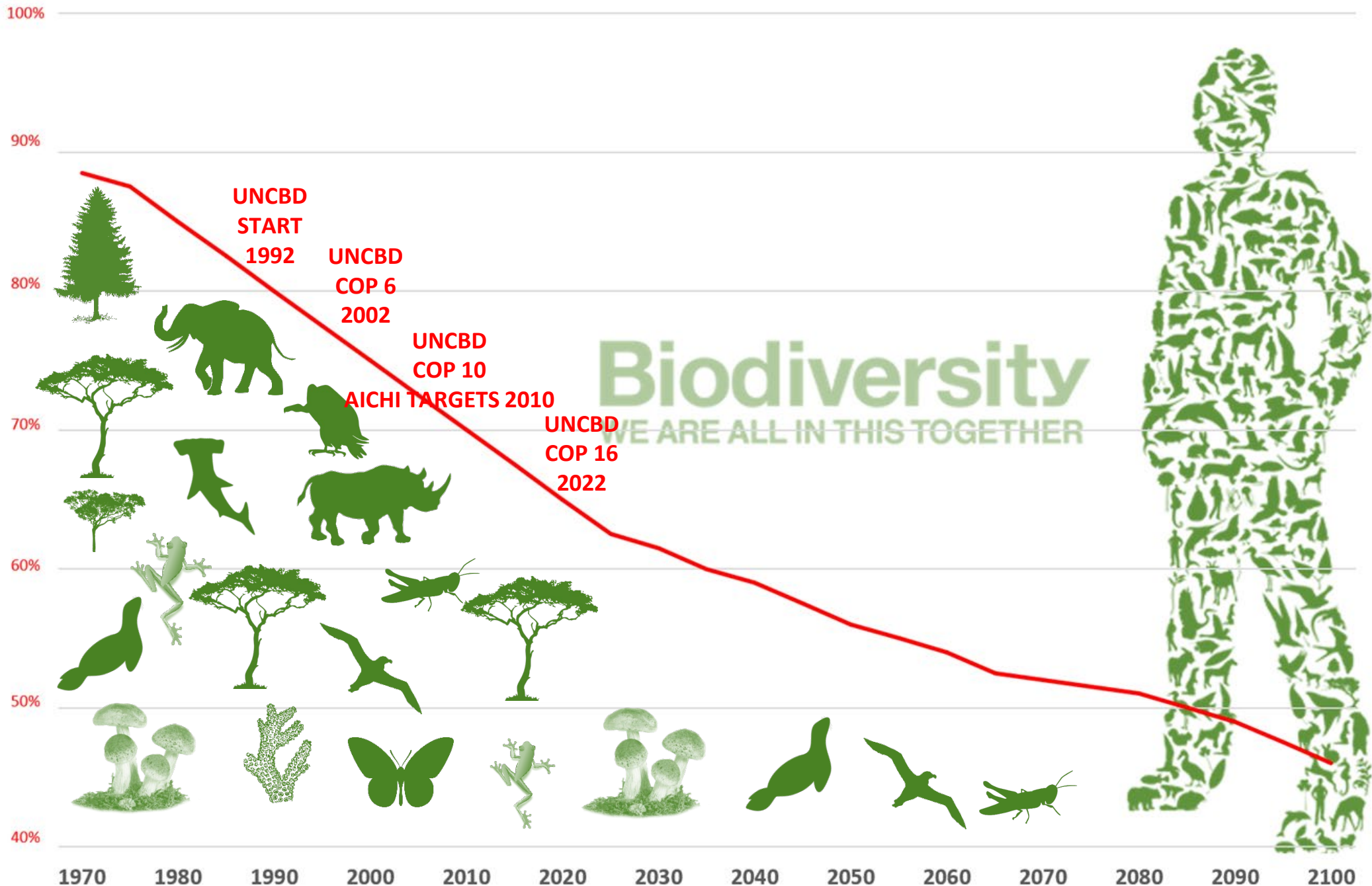




-73%

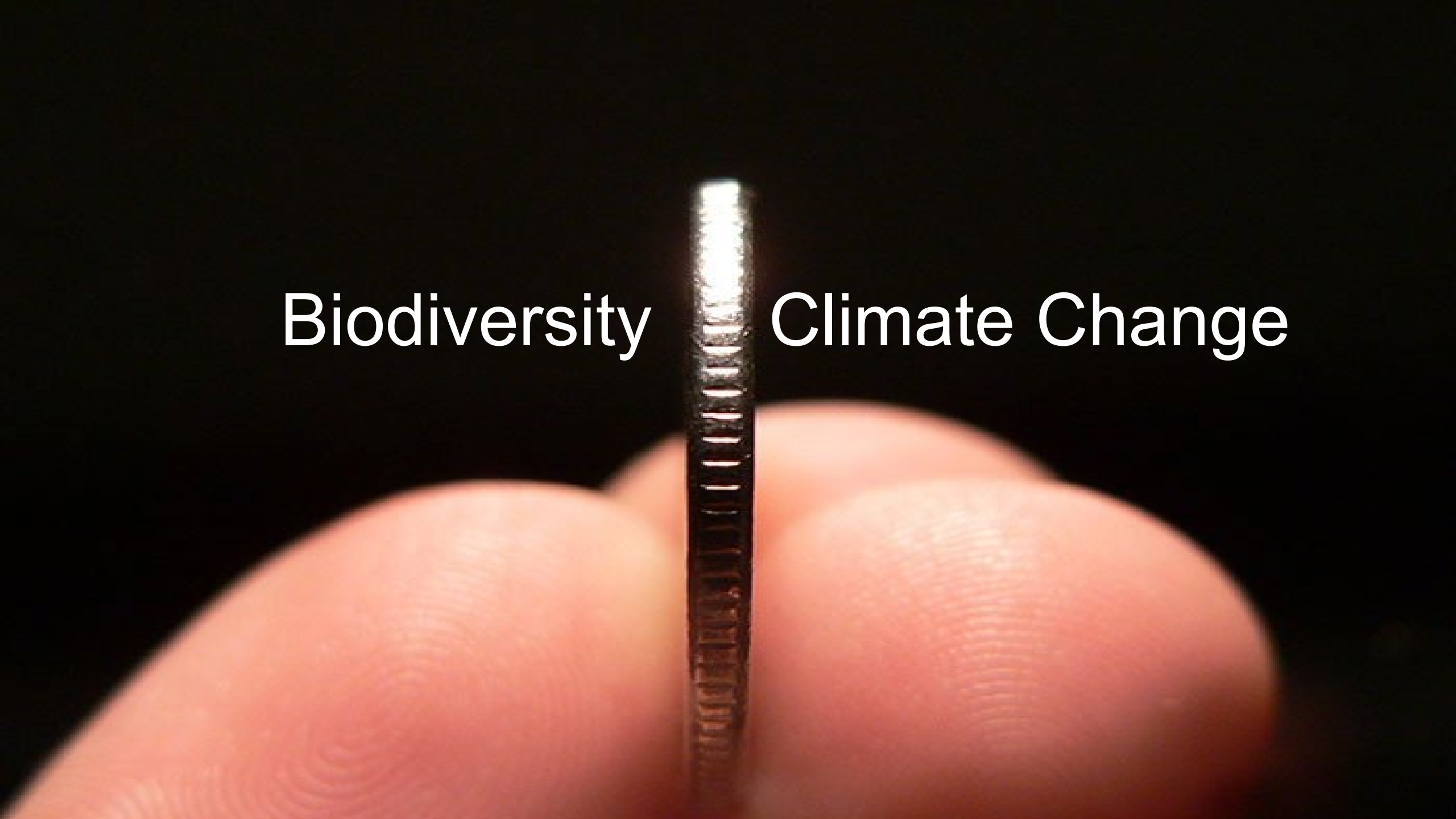
BIRDLIFE REPORT 2022 - State of the World's Birds  
Decline bird species by industrial farming





Biodiversity

Climate Change





Mail  
 newspaper of the year 80p  
**WARNS OF CHANGE...**  
**Can UK lead world back from brink?**  
 SEE PAGES 6-9  
 foreign breaks  
**ESTS**

Can we have two golds?  
 Our writers' best moments of Tokyo 2020  
**The Guardian** For 200 years  
 £2.50 (€2.50)  
 From £3.75 for subscribers



A woman cries for dramatic effect as she looks for home in Greece, on the Greek island of Lesbos. The EU yesterday began a huge operation to take her on the island. **Wildfires in Greece** Page 22

# Global climate crisis: inevitable, unprecedented and irreversible

Devastating report is code red warning for... **UN** chief says  
**Flora Barry**  
**Andrew Sparrow**  
 Human activity is changing the...  
 widespread devastation and extreme weather. Only rapid and dramatic reductions in greenhouse gases in this decade can prevent such a...  
**Leader comment**  
 The science is unequivocal. The verdict is clear. There is no more...  
 ever there was going to be a stable up...  
 said Anshu Sharma, the scientist who will provide...  
 the very worst of climate change is...  
 world's biggest...  
 TUESDAY AUGUST 2021

**FINANCIAL TIMES**  
 NEWS PROVIDER OF THE YEAR  
 Inside Kim's regime  
 Why sanctions against North Korea are failing...  
 Silencing staff  
 NDAs are damaging in the workplace...  
 In China's debt  
 African nations' risks in borrowing from Beijing...  
**World likely to be 1.5C warmer by 2040 UN**

**CODE RED FOR HUMANITY**  
 EXTREME WEATHER DOWN TO GLOBAL WARMING, SAYS DOOMSDAY REPORT FROM UN  
 WORLD WILL HEAT UP AT LEAST 1.5C BY 2040... A DECADE EARLIER THAN WAS FORECAST  
 by ADAM RADNICE  
 DAILY EXPRESS  
 CAMPAIGNING NEWSPAPER OF THE YEAR  
**FREE** Brilliant puzzles pullout  
**David Cameron** denies £7m Greensill pay packet  
**QUEEN'S BREAK WITH TRADITION**  
 Next decade 'pivotal' to secure planet's future after alarming scientific report

**CODE RED**  
 Shocking verdict on future of humanity  
 Scientists urge PM to create UK climate plan  
**PM: WAKE UP TO RED ALERT ON CLIMATE CRISIS**  
 Climate change caused by humans is already causing extreme weather in every region across world, with global warming set to breach the 1.5C mark by 2040 - even in best-case scenario where world...  
 TUESDAY AUGUST 2021

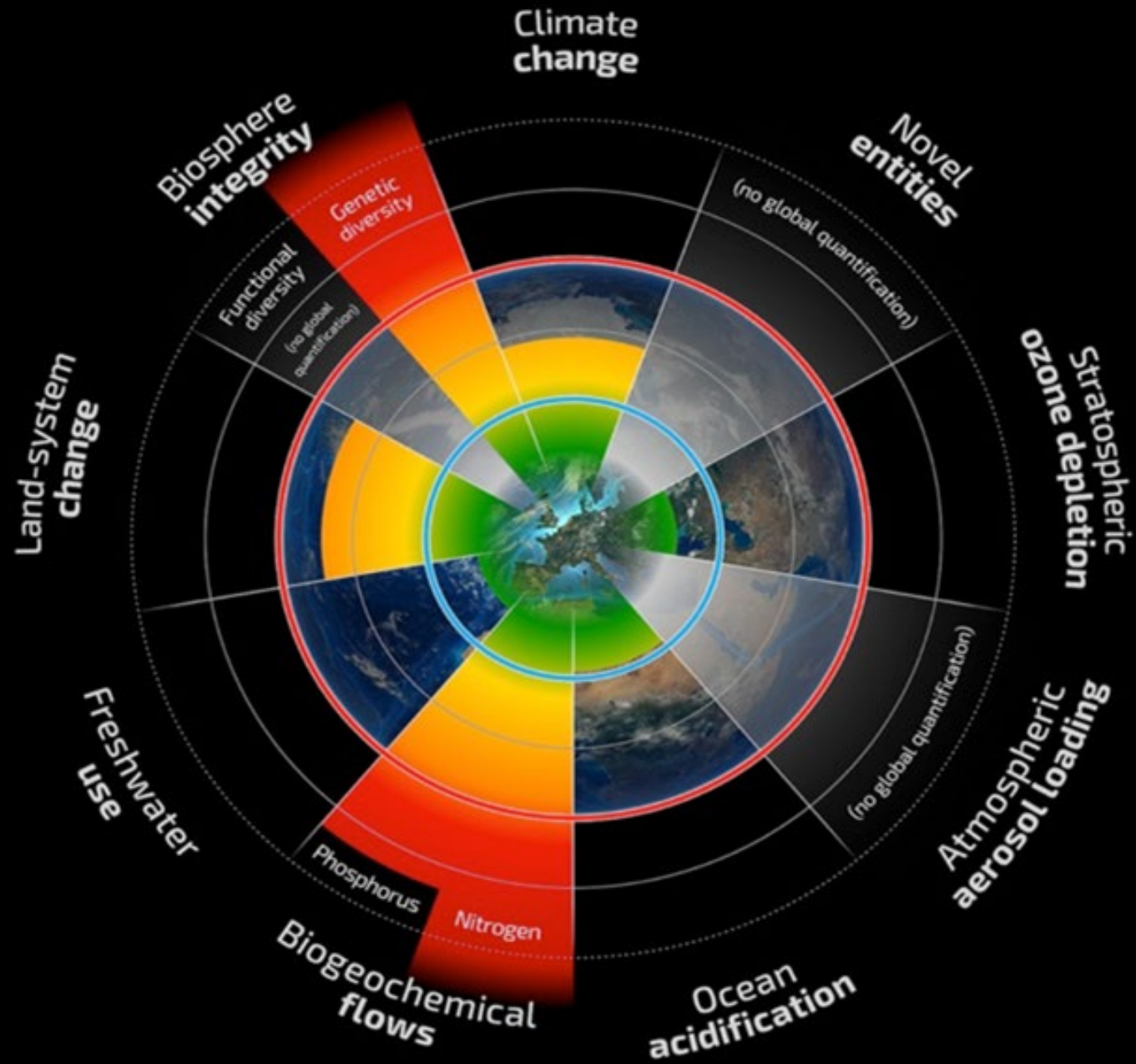
**CODE RED FOR HUMANITY**  
**CODE RED FOR HUMANITY**  
**CODE RED FOR HUMANITY**  
**CODE RED FOR HUMANITY**  
**CODE RED FOR HUMANITY**



WE ARE LOSING OUR  
COMFORT ZONE

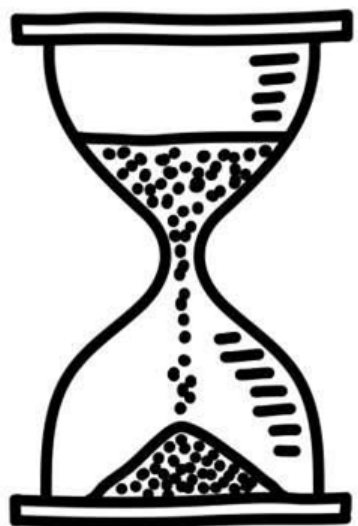








**NEXT DECADE IS DECISIVE**  
**NEXT DECADE IS DECISIVE**



**HALVING CARBON EMISSIONS**

**STOP BIODIVERSITY LOSS**

**'THERE ARE MANY GRADATIONS OF HELL'**

**'IT'S WORTH FIGHTING FOR EVERY MILLI-DEGREE'**





**TIME**

for  
change





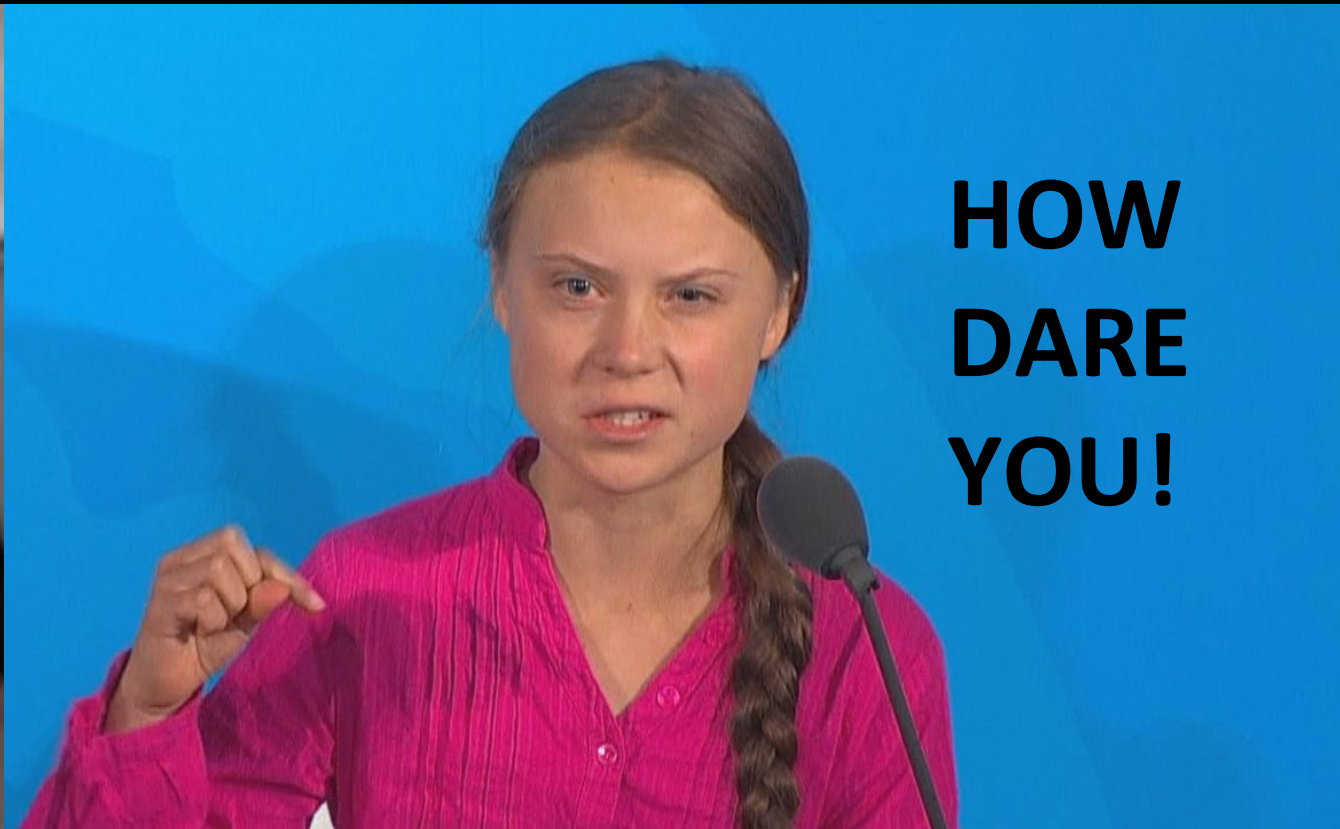








“I want you to panic”  
“Failure means disaster”



**HOW  
DARE  
YOU!**



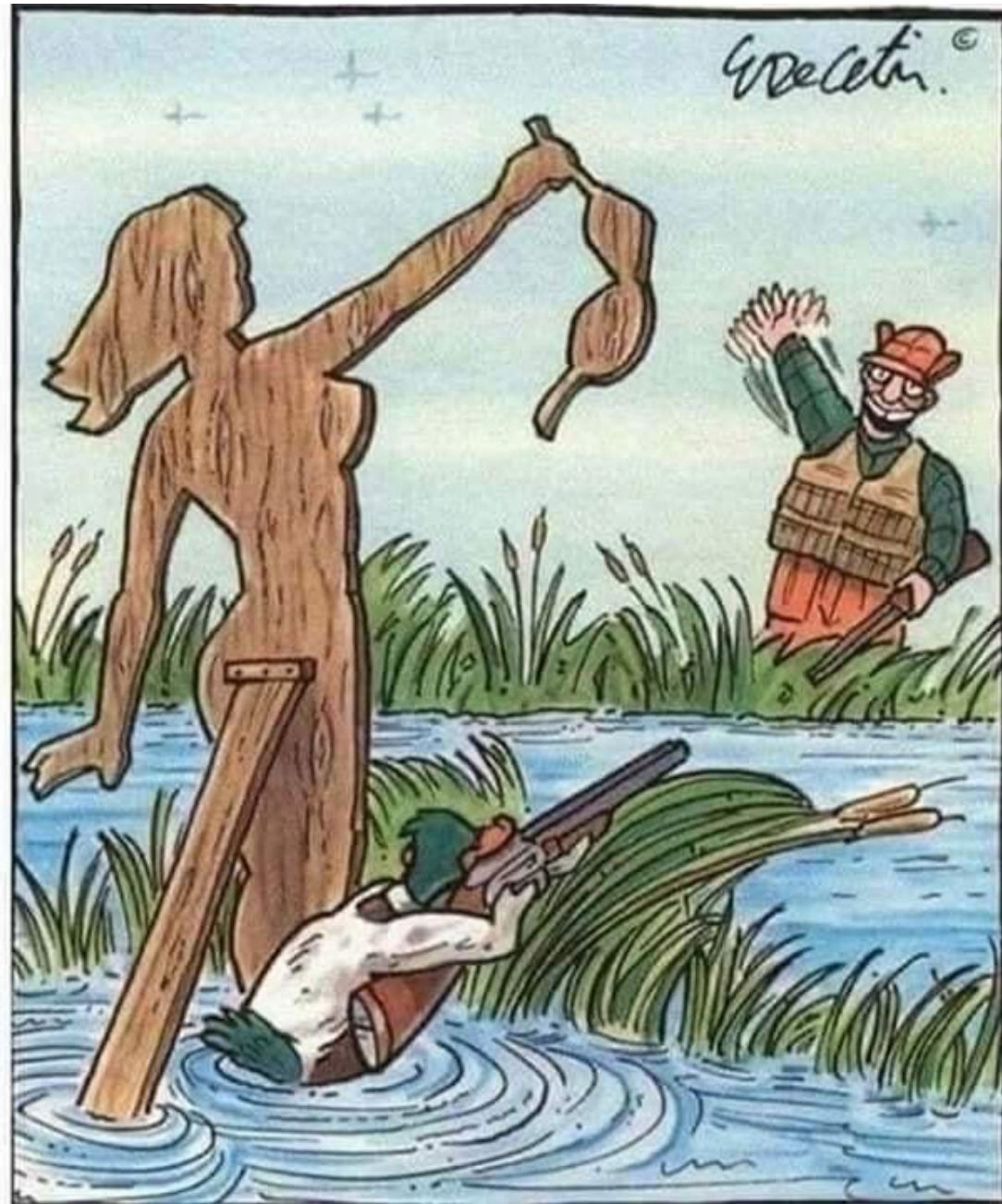


IK VAL OP MANNEN  
MET EEN KLEINE  
ECOLOGISCHE  
VOETAFDRIJF

#SHE TOO  


“I FANCY MEN WITH A SMALL ECOLOGICAL FOOTPRINT”

















**MOONSHOT**

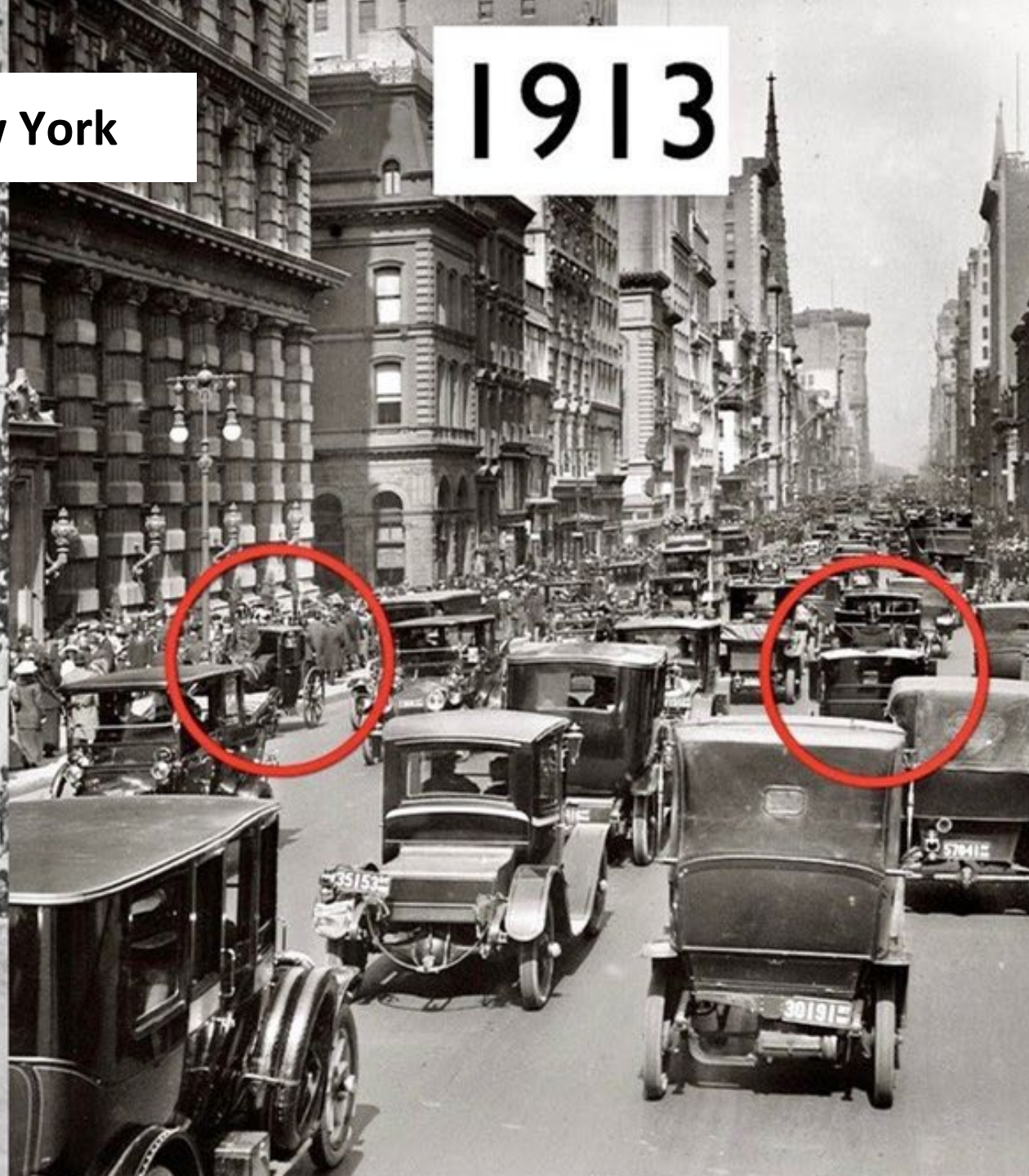
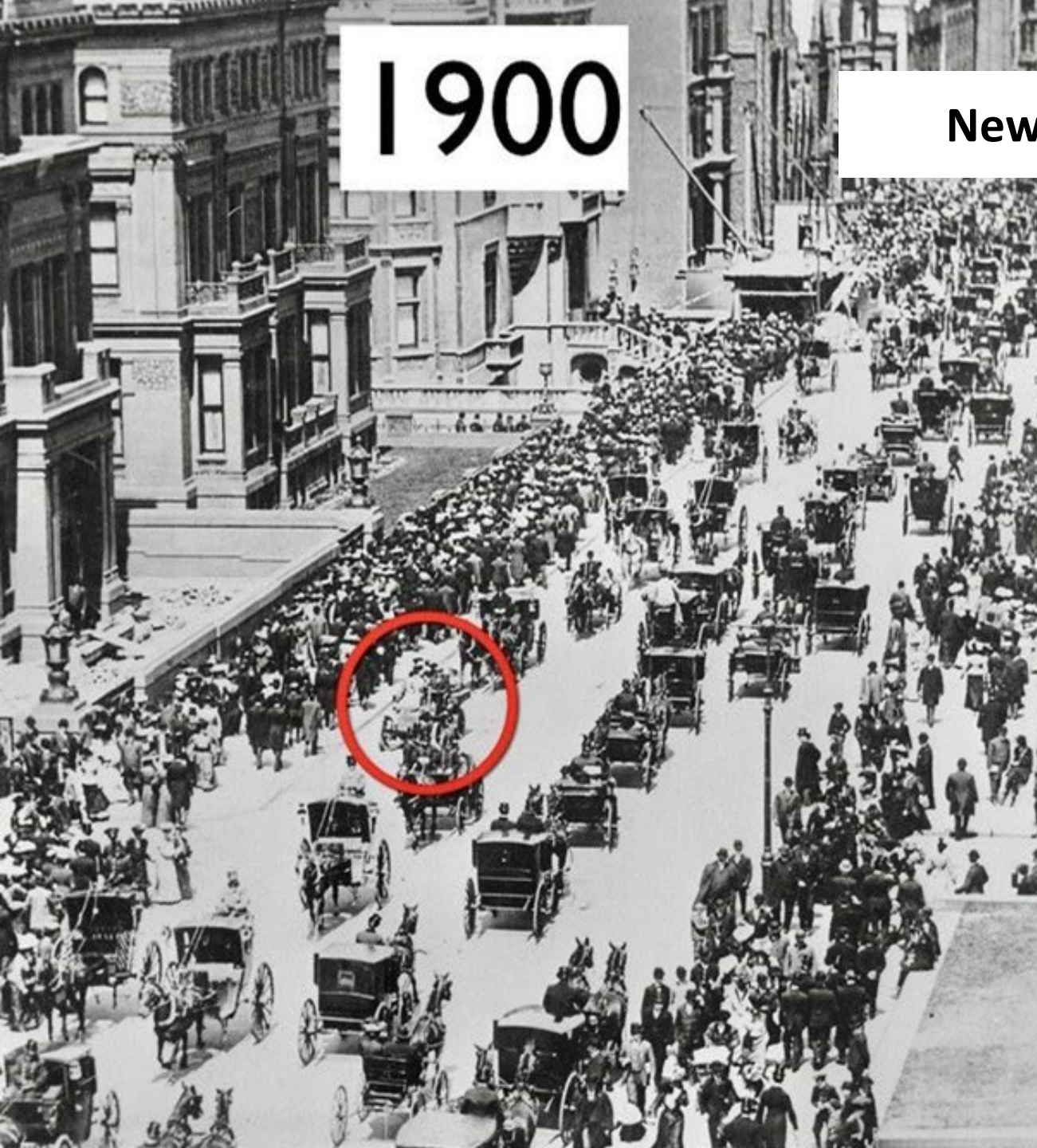




1900

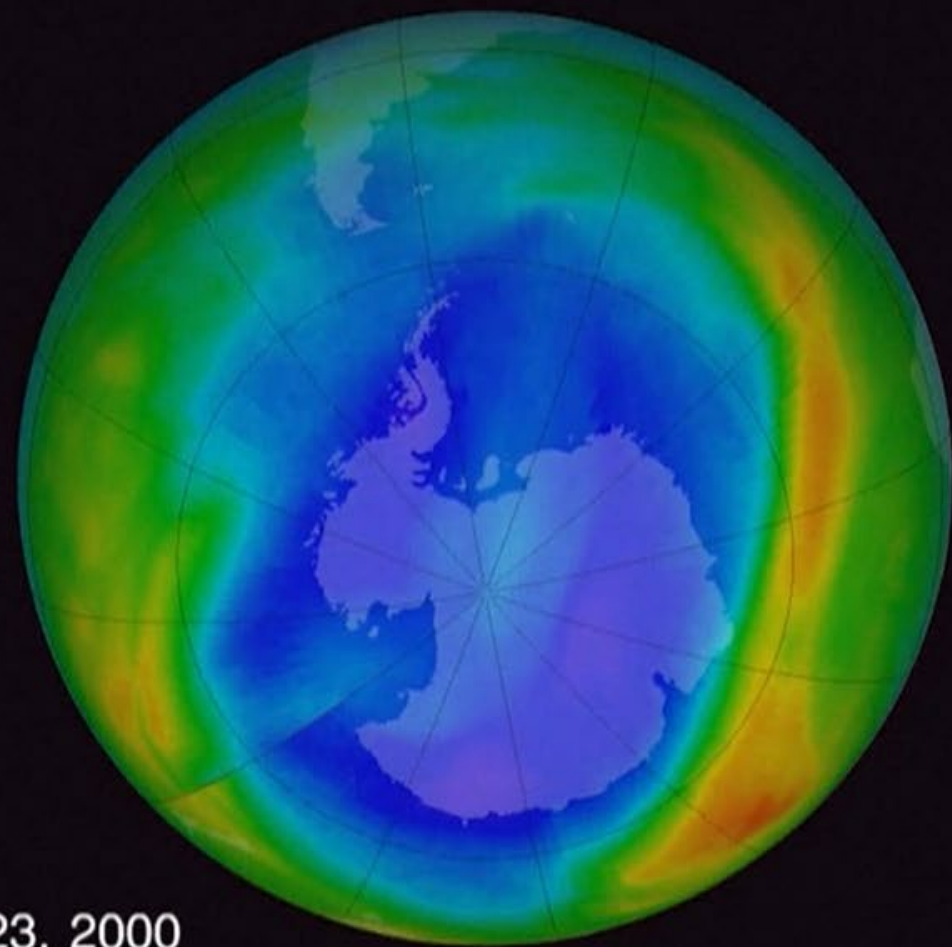
New York

1913





# 2000

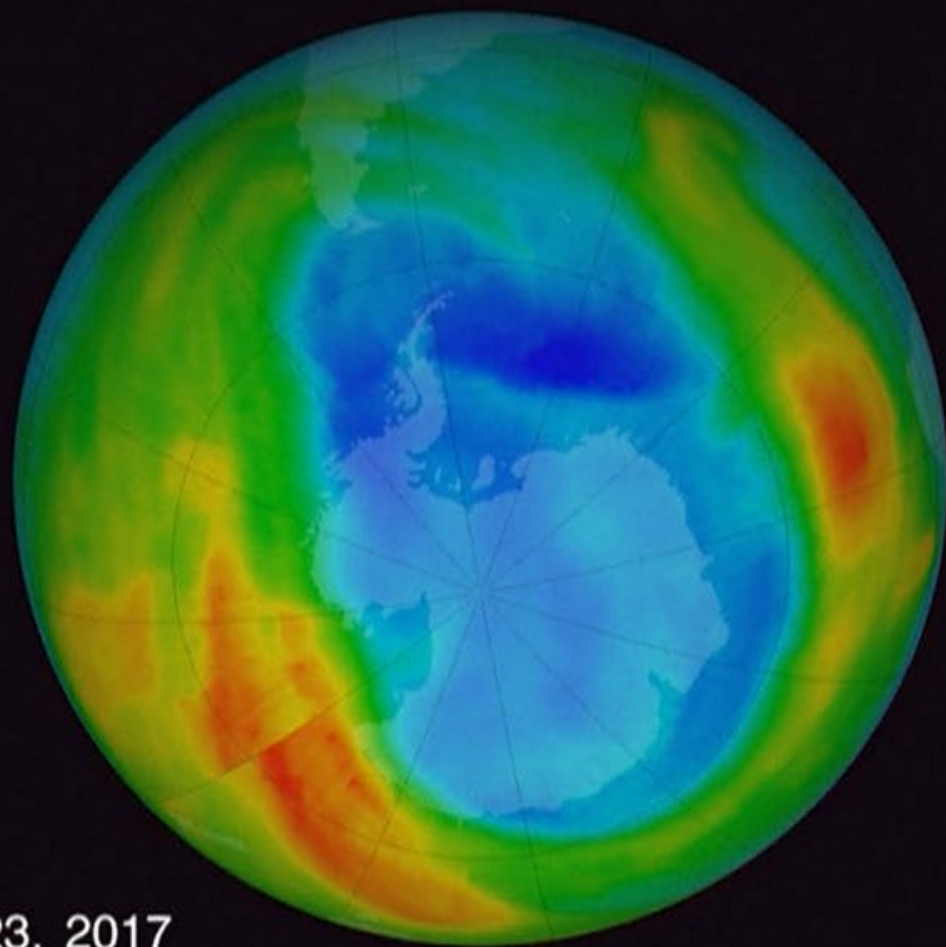


Aug 23, 2000

Jul 01

Dec 31

# 2017



Aug 23, 2017

Jul 01

Sep 04



# 2013



NBC NEWS

Michael Sohn / AP

A satellite view of Earth from space, showing the African continent and surrounding oceans, with the word 'EARTHSHOT' overlaid in white text.

**EARTHSHOT**

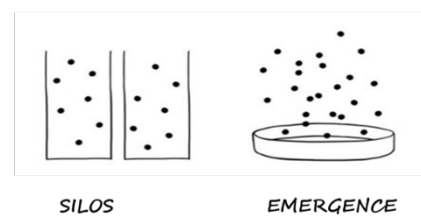
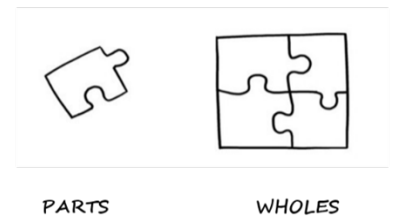
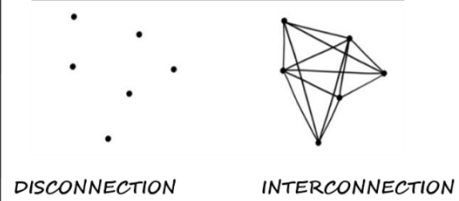
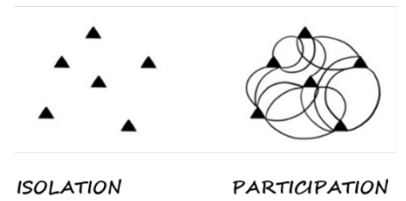
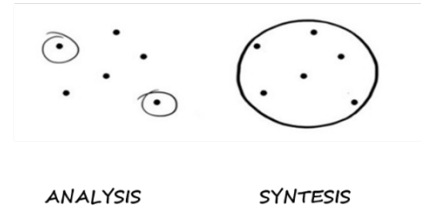
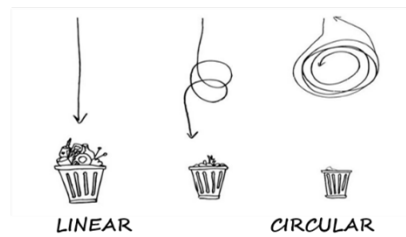




LANDSCAPES OF  
HOPE



# TOOLS OF A SYSTEM THINKER









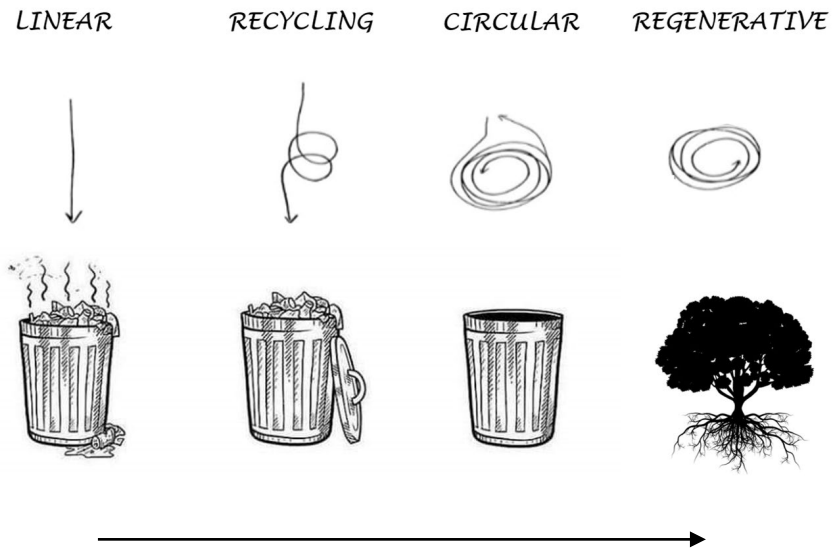
**‘IF WE HAVE TO FINANCE CHANGE  
WE NEED TO CHANGE FINANCE’**





# REGENERATIVE ECONOMY

MODEL THAT GIVES MORE  
THAN IT TAKES



KATE RAWORTH  
DONUT ECONOMY



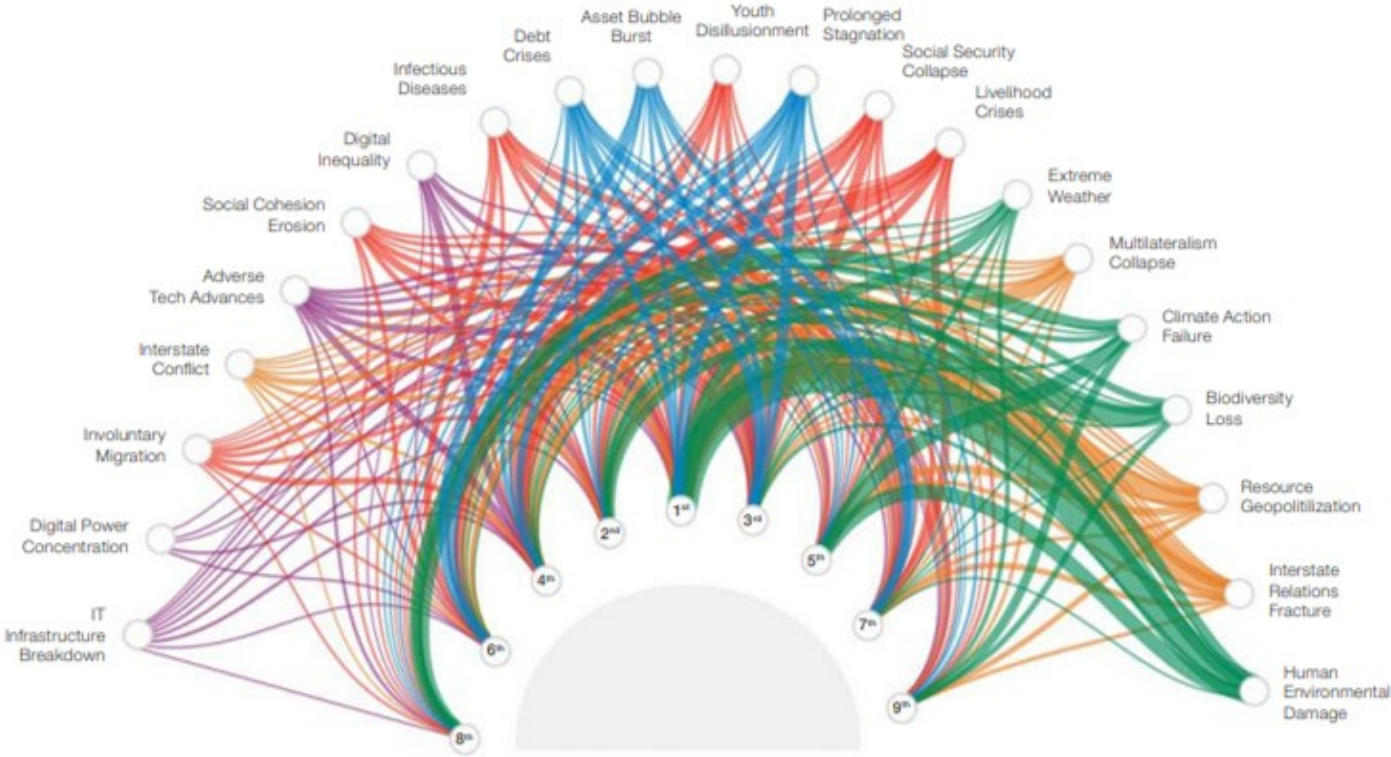


- scholar
- lawyer
- physician
- man of letters
- player
- buffoon
- musician
- opera-diva
- opera-diva

# The Wealth of Nations

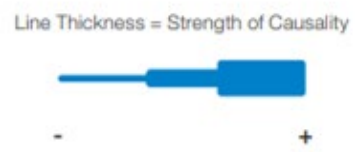


8 <sup>th</sup>	6 <sup>th</sup>	4 <sup>th</sup>	2 <sup>nd</sup>	1 <sup>st</sup>	3 <sup>rd</sup>	5 <sup>th</sup>	7 <sup>th</sup>	9 <sup>th</sup>
Extreme Weather	Debt Crises	Social Cohesion Erosion	Infectious Diseases	Climate Action Failure	Livelihood Crises	Biodiversity Loss	Prolonged Stagnation	Human Environmental Damage



Outer Arc = Drivers    ○    →    ○    Inner Arc = Risks

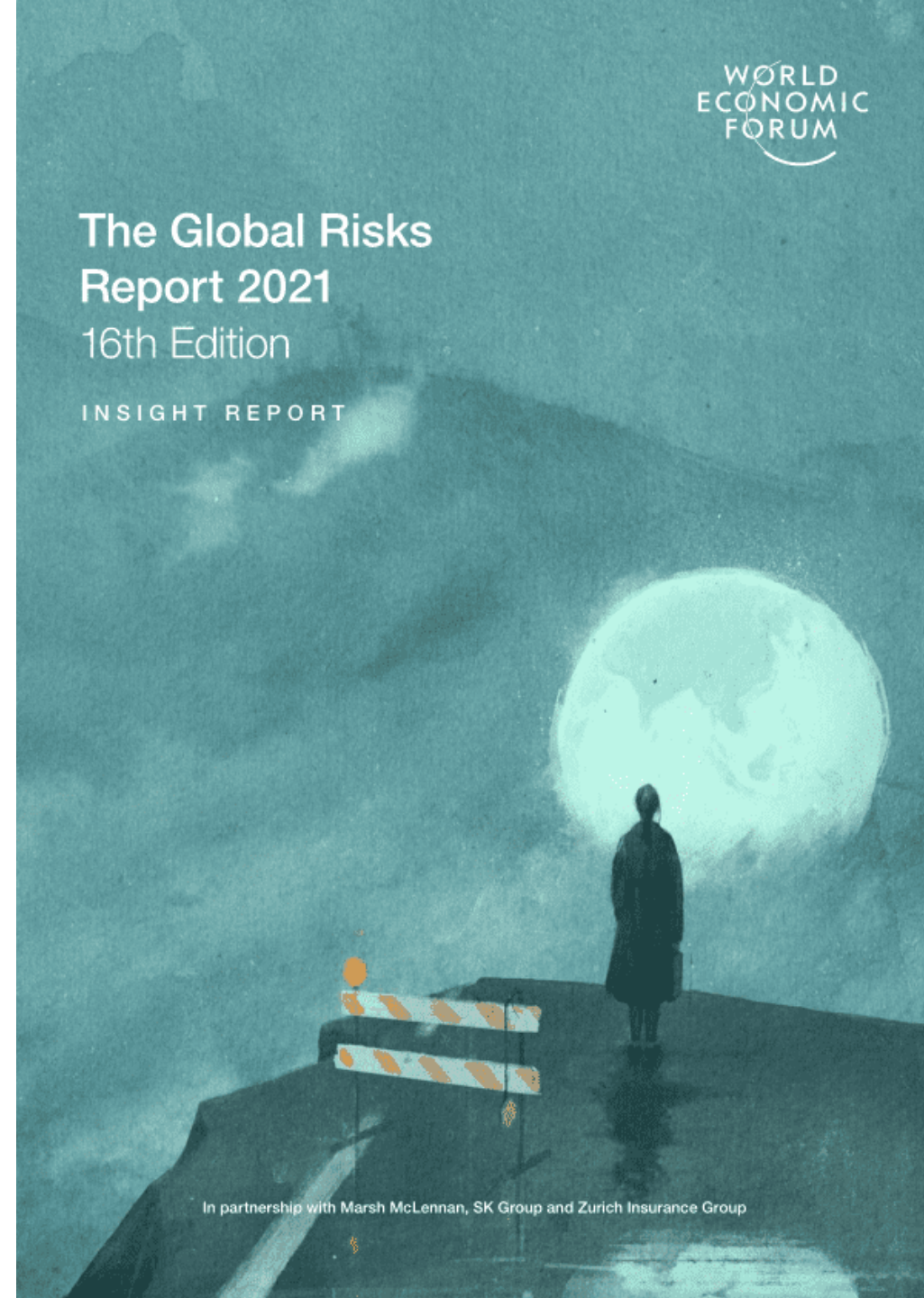
- Economic
- Environmental
- Geopolitical
- Societal
- Technology



# The Global Risks Report 2021

## 16th Edition

INSIGHT REPORT





# OFF-BUDGET CLIMATE & NATURE INVESTMENTS BIODIVERSITY & RESTORATION TAX SHELTER





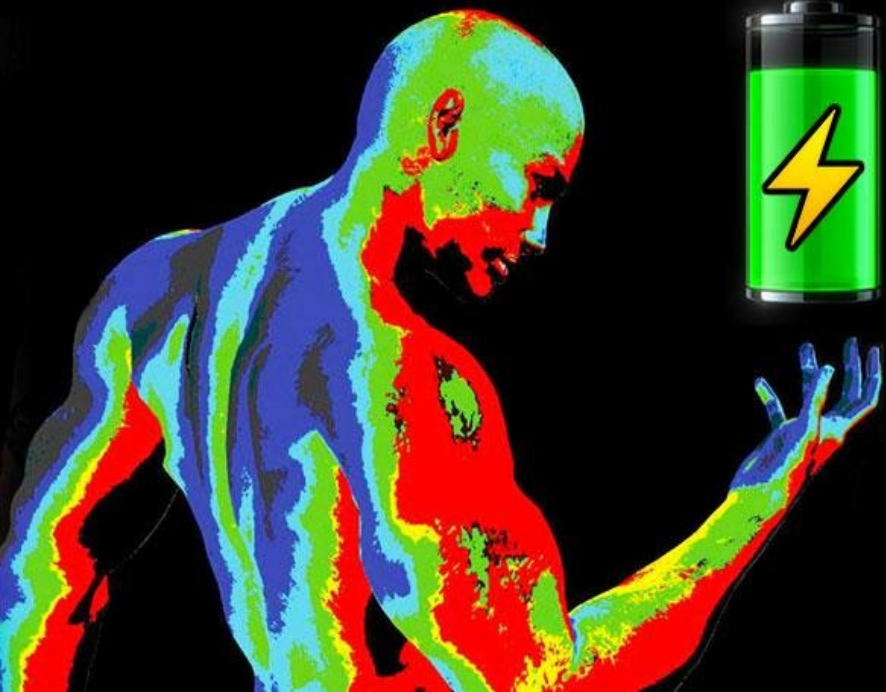












# Coffee Charger





# BIGGEST NETWORK FOR PROTECTED AREAS RENEWABLE ENERGY



2022  
EUROPARC Conference  
Climate Change; Resilient Parks  
5-7 October, Argeles-sur-Mer, France

Organised by:

- EUROPARC FEDERATION
- LIFE NATUR' ADAPT
- Reserves Naturelles CATALANES
- Reserves Naturelles d'Occitanie

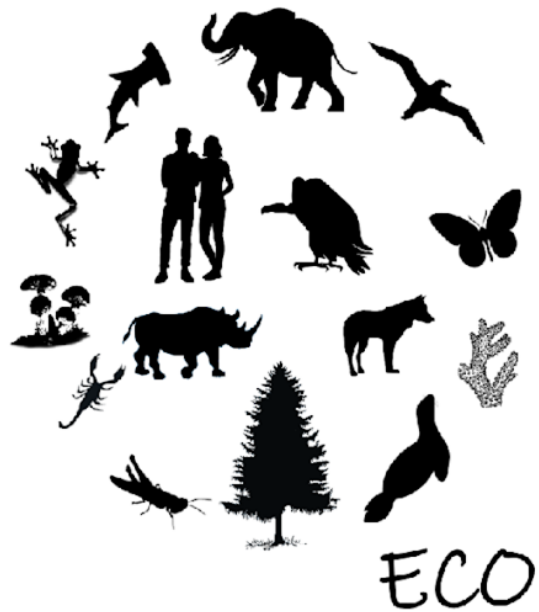


2022  
EUROPARC Conference  
Climate Change; Resilient Parks  
5-7 October, Argeles-sur-Mer, France

Thanks to the support of:

- European Union
- OFB (Office Français de la Biodiversité)
- MINISTÈRE DE LA TRANSITION ÉCOLOGIQUE
- Occitanie
- Argeles-sur-Mer





**FOLLOWING  
NATURE'S  
DESIGN**



FROM CIAO

TO CONTRATTE

OLL

INFLUE

NCE

ADVOC

ATE

OBSER

LOCAL

AUTHENTIC

TRACEABLE

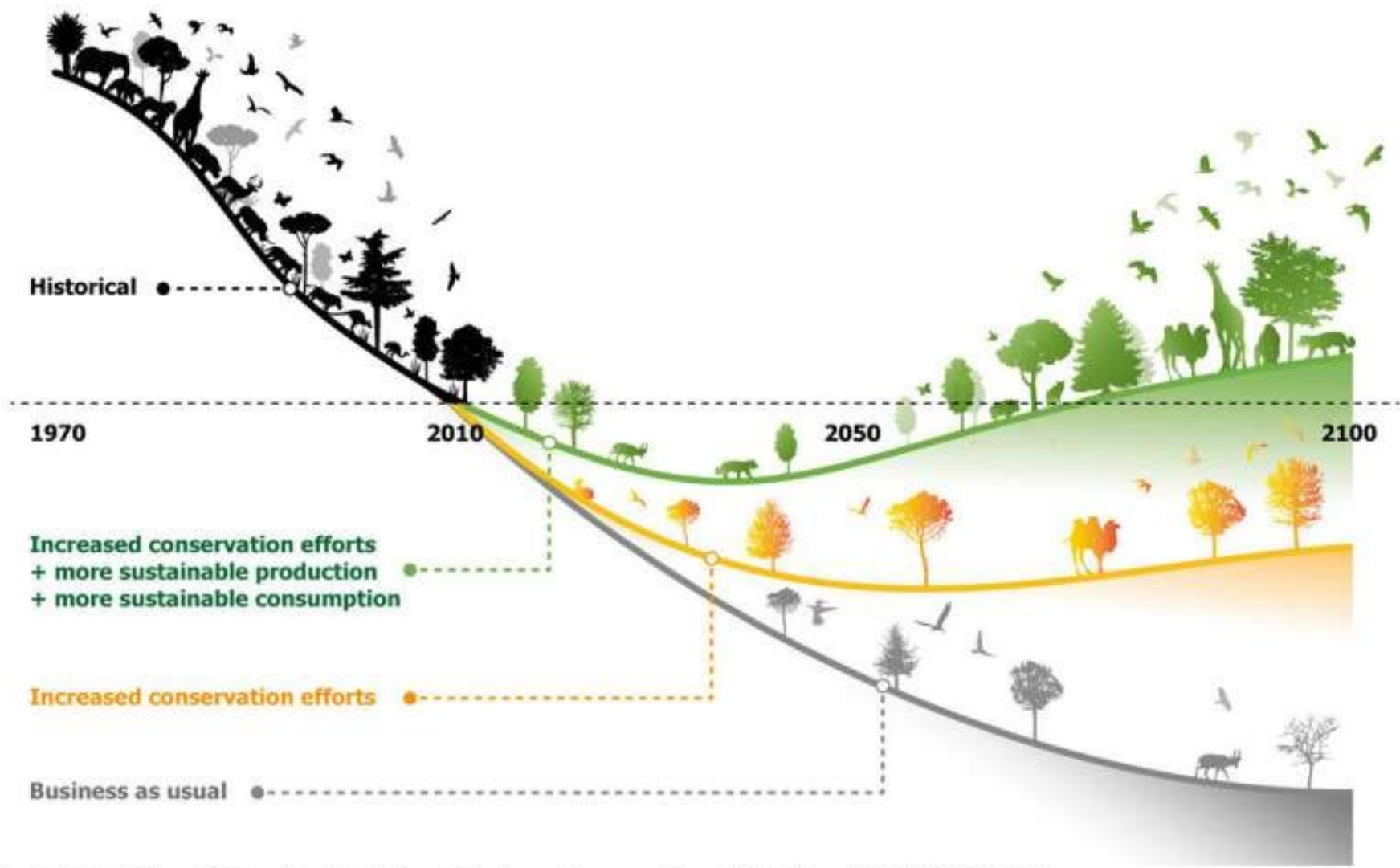
TRUSTWORT

Y

ETHICAL



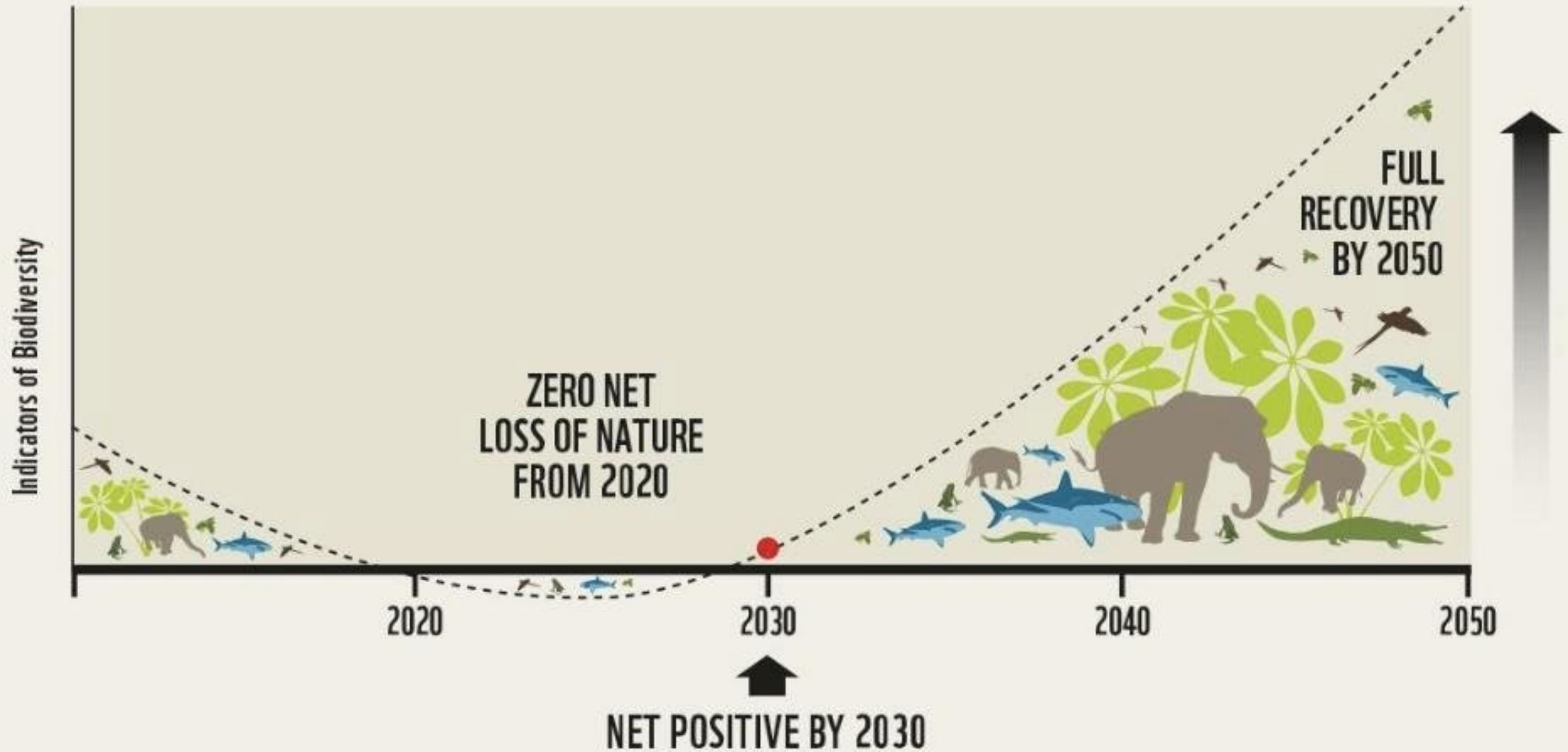
PROTECTED AREAS ARE LOCKED IN  
CONNECTING THE DOTS



This artwork illustrates the main findings of the article, but does not intend to accurately represent its results (<https://doi.org/10.1038/s41586-020-2705-y>)



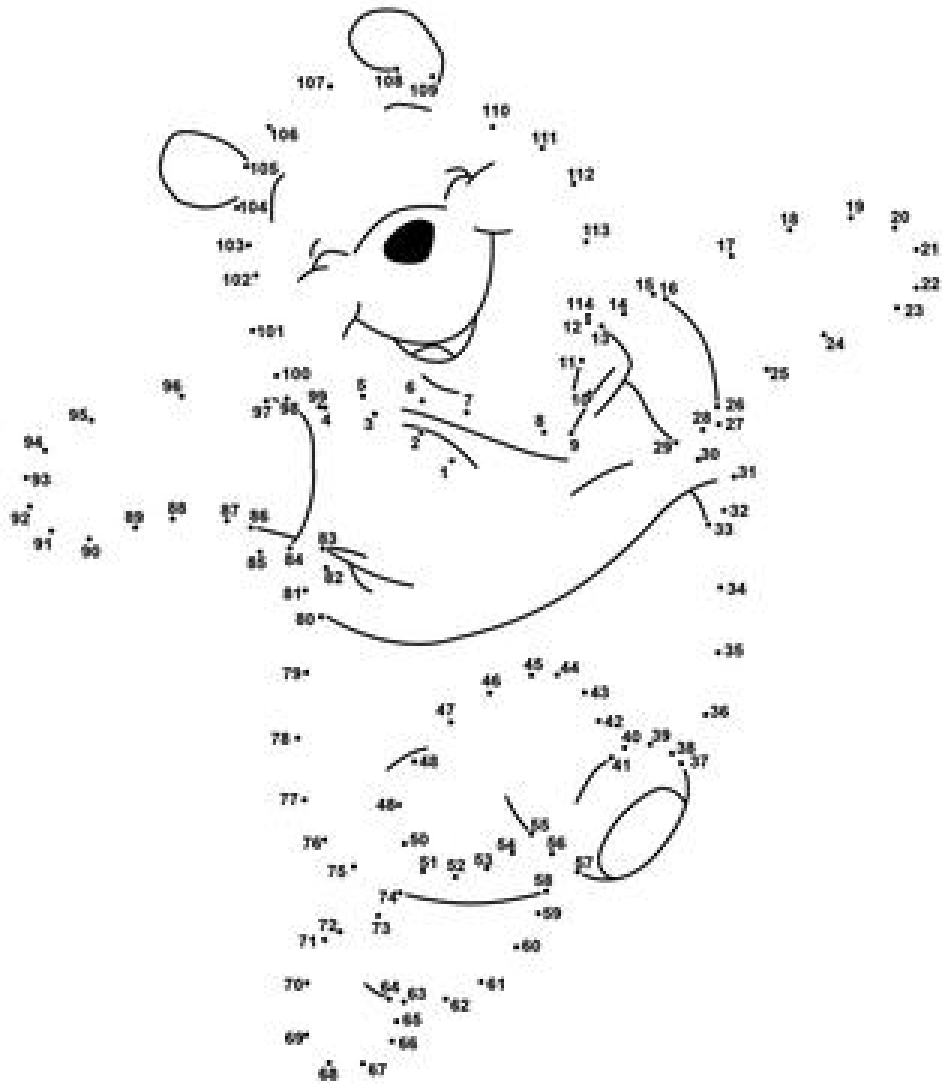
# Global Goal for Nature: Nature Positive by 2030





**THINKING BIG**  
NATURAL POWER STATIONS





# CONNECTING THE DOTS

- ✓ Nature restoration & conservation works
- ✓ Healthy natural ecosystems bloom
- ✓ ECO- & Socio-economic benefits
- ✓ Best banking company in the world – 1:10
- ✓ Climate-care-centers – sequestration/...
- ✓ Health centers – HPHP



LIFE  
NATUR  
ADAPT

27<sup>th</sup> November 2019  
11:00 am CET

EUROPARC WEBINAR

Setting the scene: nature  
conservation in a changing climate







Connecting nature, Spain. Photo: Frederico Sanz



Germany, Green Belt. Photo: Klaus Leidorf.





Corridors Saxony-Anhalt





Warmbeek Belgium



SOPHIE E. H. LEDGER  
 CLAIRE A. RUTHERFORD  
 CHARLOTTE BENHAM  
 IAN J. BURFIELD  
 STEFANIE DEINET  
 MARK EATON  
 ROBIN FREEMAN  
 CLAUDIA GRAY  
 SERGI HERRANDO  
 HANNAH PULESTON  
 KATE SCOTT-GATTY  
 ANNA STANEVA  
 LOUISE MCRAE

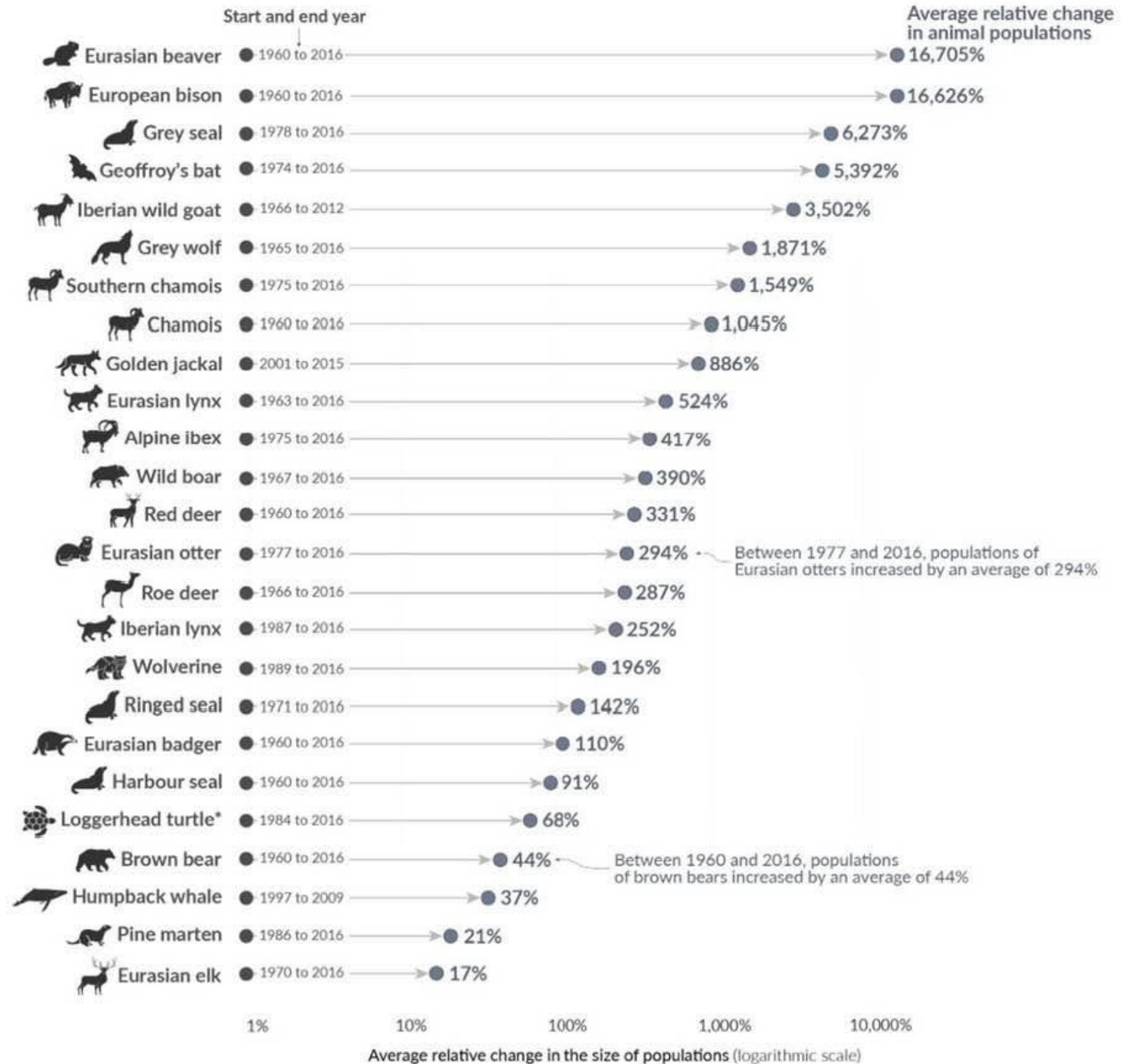
*Opportunities  
 and challenges  
 for species recovery*

# WILDLIFE COMEBACK IN EUROPE



## Wildlife is making a comeback in Europe

Shown is the average relative change in the abundance (the number of individuals in a population) of animals across selected mammal populations in Europe. For example, the numbers for Eurasian beavers shows the average relative change in the abundance of beavers between 1960 and 2016 across 98 studied populations.







Becoming #GenerationRestoration  
**ECOSYSTEM RESTORATION FOR  
PEOPLE, NATURE AND CLIMATE**

**UN CALLS COUNTRIES  
TO RESTORE AT LEAST  
ONE BILLION OF  
DEGRADED HECTARES  
IN THE NEXT DECADE**

<https://www.unep.org/resources/ecosystem-restoration-people-nature-climate>



# Restoring nature, reducing pesticide use

- Restore habitats & species
- Reverse decline pollinators
- No net loss green urban spaces
- Improvement biodiversity farmland
- Restore drained peatlands
- 25.000km free-flowing rivers
- Restore seagrasses and sea bottoms







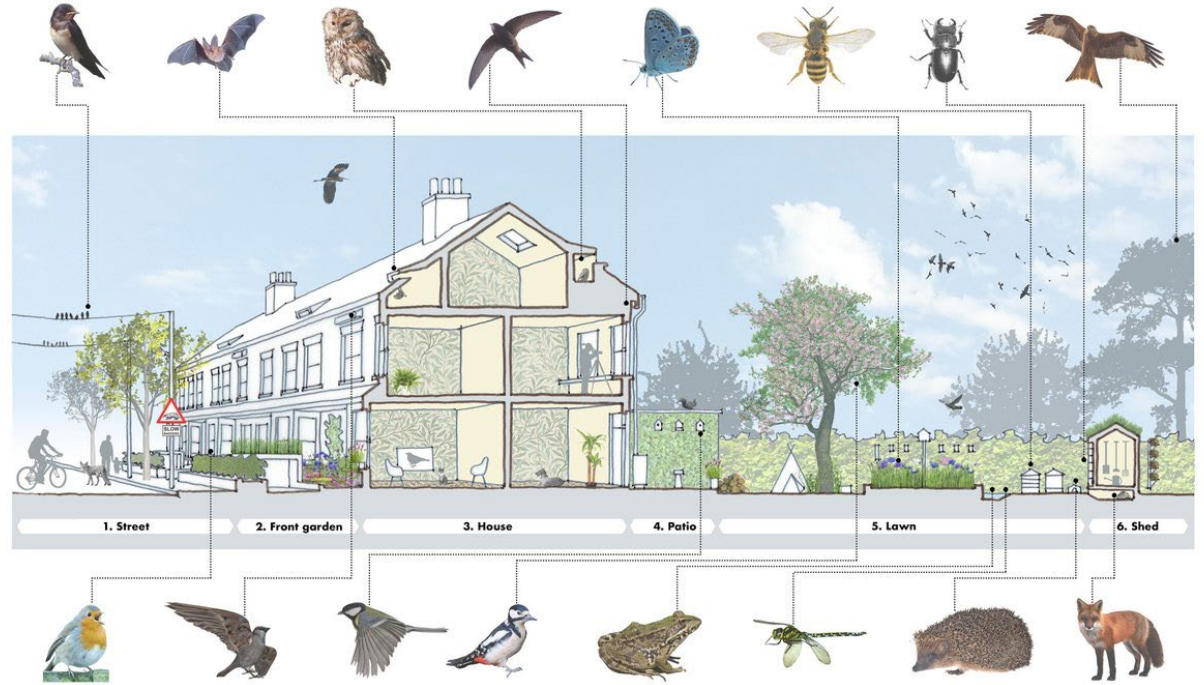
RESTORATION  
IN PROGRESS

MOVE  
4  
NATURE





# LONDON NATIONAL PARK CITY\*



## REWILD MY STREET

- 1. Street habitat**  
Swallow wire  
Daylight sensor lamps  
Animals crossing sign  
Protected trees  
Hedgerow
- 2. Front garden habitat**  
Green-roof bin/bike store  
Raised bed  
Bay window boxes  
Sparrow terrace  
Bat roof tile
- 3. House habitat**  
Nest-box camera TV  
Owl loft  
Bird-watch window  
Swift box  
Rainwater butt
- 4. Patio habitat**  
Green wall  
Nest boxes  
Bird bath  
Container plants  
Log pile
- 5. Lawn habitat**  
Mini meadow  
Bird table/feeders  
Container pond  
Compost/wormery  
Hedgehog house
- 6. Shed habitat**  
Insect hotel  
Green-roof  
Fox-den box  
Wildlife fence gap  
Pocket planter







OUR  
BODY  
OUR  
PLANET





RESTORATION NATURAL ECOSYSTEMS

=

BEST VACCINE







YOU ARE NOW ENTERING  
A STRESS FREE ZONE



IGNACE SCHOPS

# GERED DOOR DE BOOM- KIKKER



DE GROTE TOEKOMST  
VAN MENS EN NATUUR



'Dear Ignace: never give up!'  
Sir David Attenborough

Lannoo  
Campus

FIRST DRAFT TO THE

## UNIVERSAL DECLARATION OF DEPENDENCE ON NATURE (UDDN)

Observing that the inherent term 'nature' comprises the main total of any living organism, their resources, the ecosystems they are a part of, and any benefits connected with maintaining ecological processes;

Observing that human dependence of nature should be protected by the rule of law;

Observing that it is of the greatest importance that the concept of human dependence of nature be acknowledged, agreed upon and promoted among and between nations;

Observing that Member States have pledged themselves to achieve, in cooperation with the United Nations, the protection of universal respect for and observance of human dependence of nature;

Observing that a common understanding of human dependence of nature is of the greatest importance for the full realization of this pledge;

Now, therefore,

The General Assembly of the United Nations

should proclaim

this Universal Declaration of Dependence on Nature

as a common standard of achievement for all people and all nations, to the end that every individual and every organ of society keeping this Declaration constantly in mind shall strive by teaching and education to promote respect for these rights and freedoms and by progressive measures, national and international, to secure their universal and effective recognition and observance, both among the peoples of Member States of the United Nations themselves and among the peoples of territories under their jurisdiction;

Article 1: All human beings share a human responsible dependence on nature;

Article 2: Nature has an intrinsic and sustainable right to be;

Article 3: Nature has the right to be protected and to protect any and all life forms and their resources, great or small, close by and far away, at this point and at any point in the future;

Article 4: Nature has the right to be restored, developed, safeguarded and maintained into self-regulating ecosystems;

Article 5: Nature is the basis for all human development;

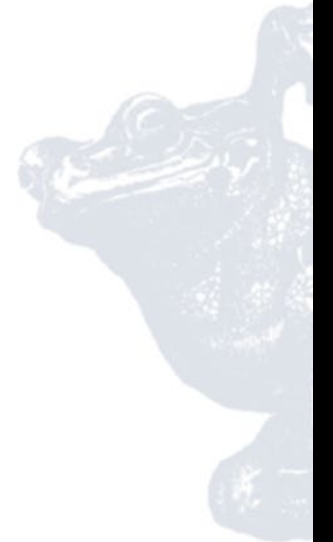
Article 6: All human beings have the right of access to nature and a healthy environment.

DRAFTED AND DELIVERED TO THE UNITED NATIONS BY

Ignace Schops  
BELGIUM - MAY 1, 2022

ACKNOWLEDGED AND SUPPORTED BY

Jane Goodall  
UNITED KINGDOM



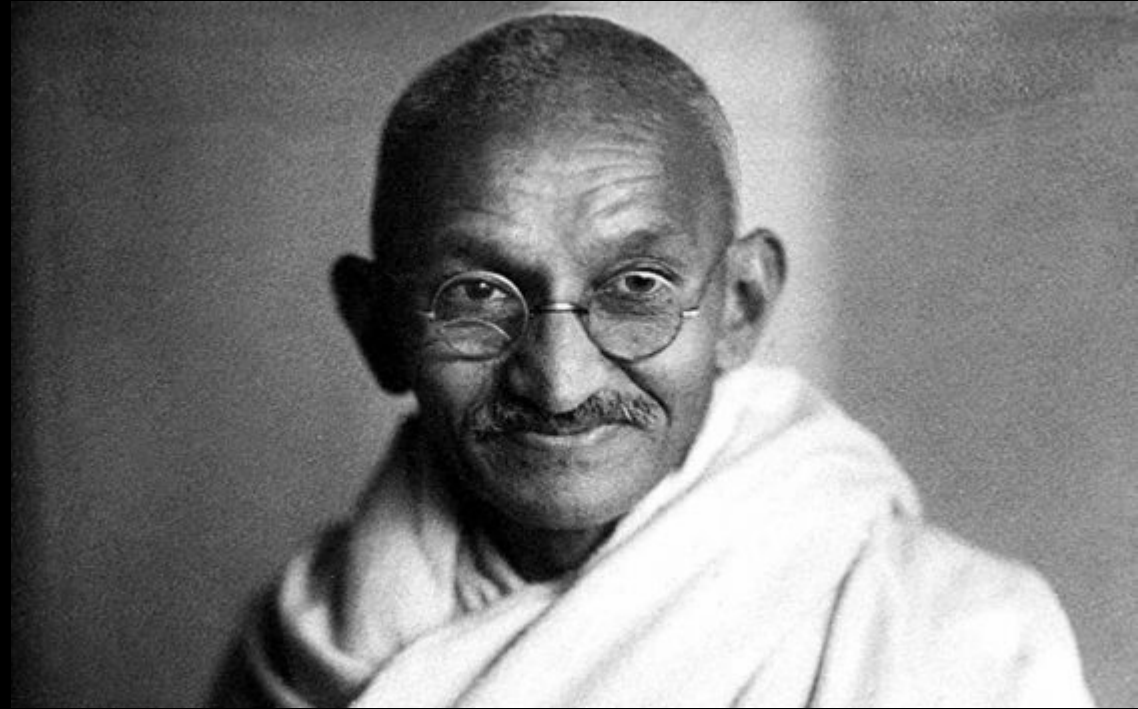




**UN General Assembly Resolution on the human right to a clean, healthy and sustainable environment - 28 July 2022 – ADOPTION**



FIRST THE IGNORE YOU  
THEN THEY LAUGH WITH YOU  
THEN THEY FIGHT YOU  
  
... AND THEN YOU WIN!



# ENJOY WORKSHOP N°5

WE CANNOT DESTROY WHAT  
KEEPS US ALIVE

THINK GLOBALLY

ACT LOCALLY

CHANGE PERSONALLY

