

Klimaschutz ist Gesundheitsschutz

Sylvia Hartmann

Deutsche Allianz Klimawandel und Gesundheit

31.08.2021 Jahresfachtagung KGC

KLUG

Deutsche Allianz
Klimawandel und Gesundheit



Städte für Menschen







<https://www.line-design.dk/danhostel-event-paa-noerreport/>



<https://vorespuls.dk/landeveyscykling/artikler/kom-med-til-koebenhavn-rundt-paa-cykel-2019>







<https://www.tagesspiegel.de/berlin/modellversuch-fuer-fuenf-monate-friedrichstrasse-wird-ab-mitte-august-autofrei/25972224.html>

Was sind die Vorteile einer solchen Stadt?

Top 5 Todesursachen in Deutschland

1. Herz-Kreislauf-Erkrankungen
2. Krebsleiden
3. Schlaganfall
4. Lungenerkrankungen
5. Diabetes und chron. Nierenversagen

Mehr Bewegung



TREES shade buildings reducing the need for air conditioning which reduces fossil fuel consumption

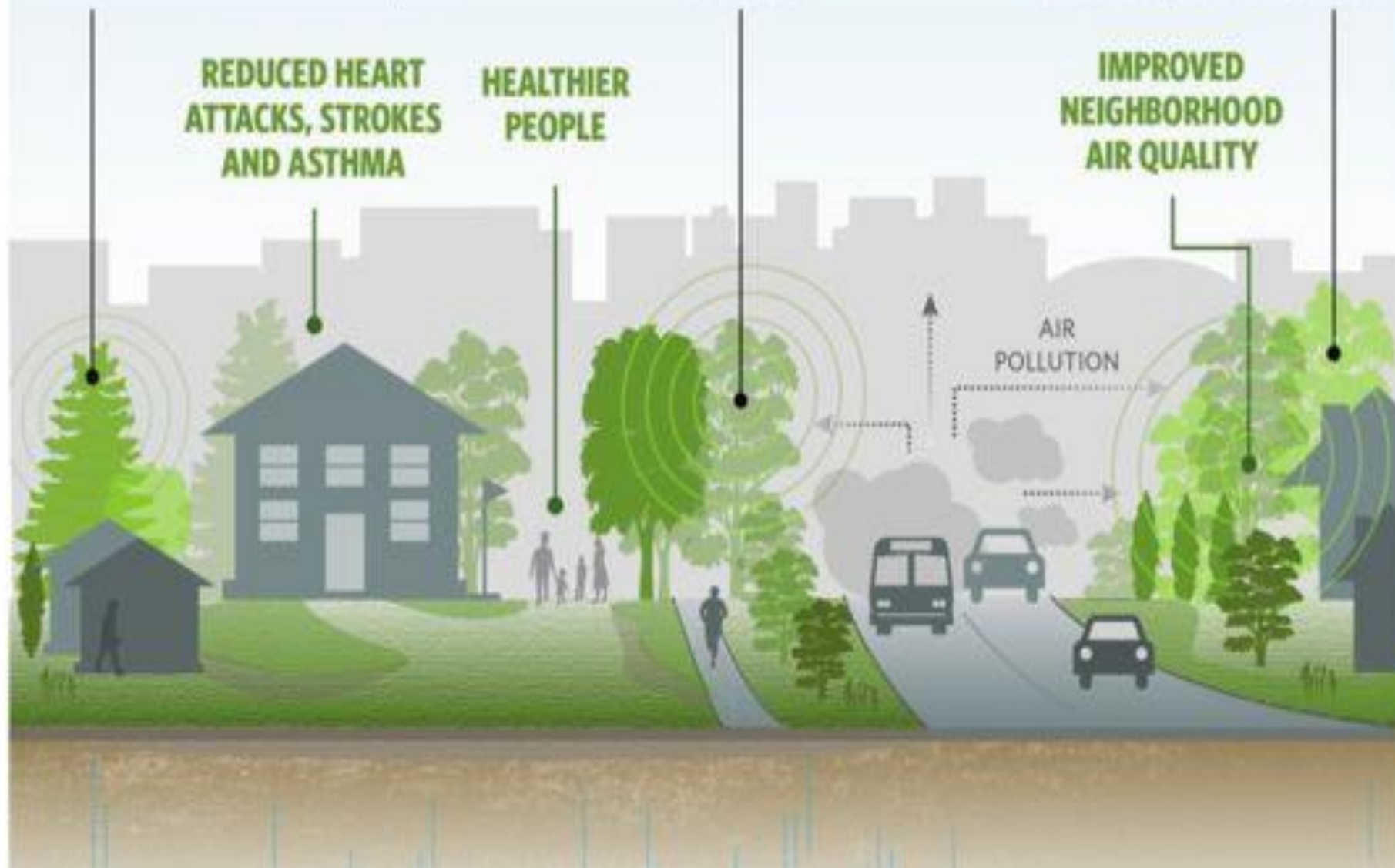
TREES absorb small particulate matter from the air

LARGE, HEALTHY TREES have the greatest per tree effects at pollution removal

**REDUCED HEART
ATTACKS, STROKES
AND ASTHMA**

**HEALTHIER
PEOPLE**

**IMPROVED
NEIGHBORHOOD
AIR QUALITY**



DIE LUFTVERSCHMUTZUNG IN

FRANKFURT, GERMANY



Was braucht es noch für eine gesunde
Zukunft?



Plenty of vegetables
and fruits



Eat protein
rich foods

Choose whole
grain foods

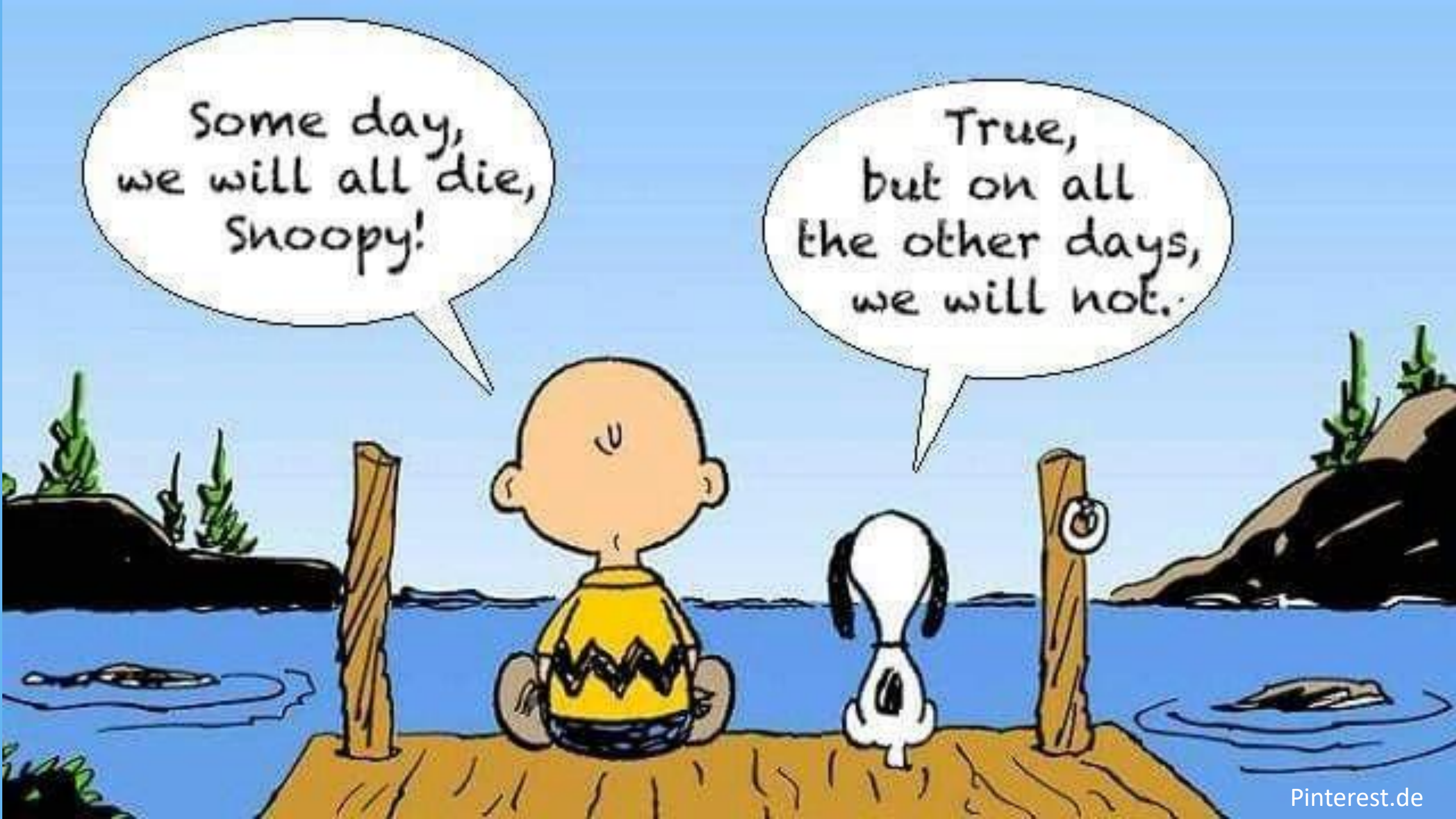
Planetare Diät

planetary health diet



deutschland





Some day,
we will all die,
Snoopy!

True,
but on all
the other days,
we will not.

Warum Gesundheit und Umwelt

HEALTH IN THE SDG ERA

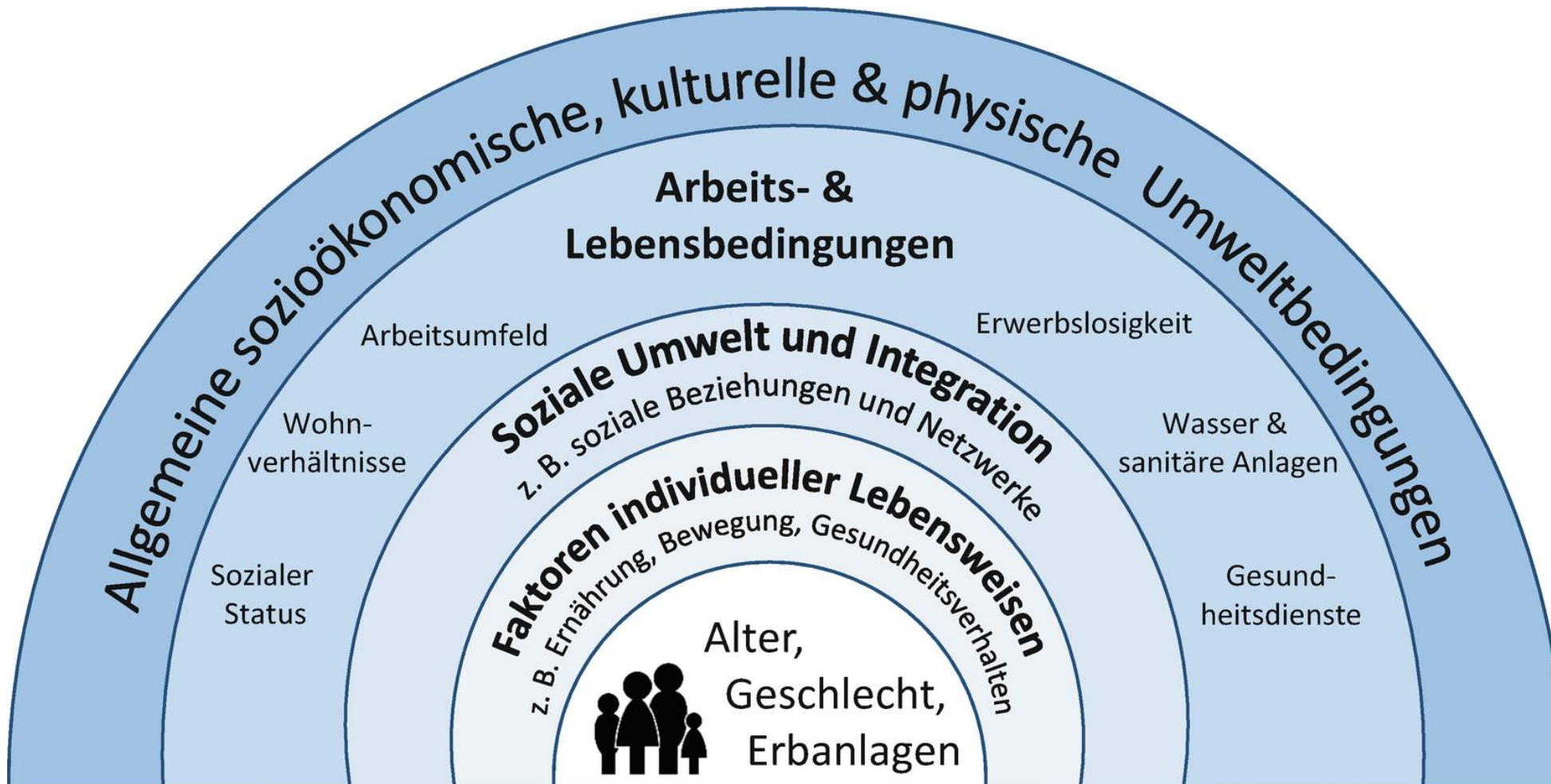


World Health Organization

www.who.int/sdgs



Soziale Determinanten von Gesundheit

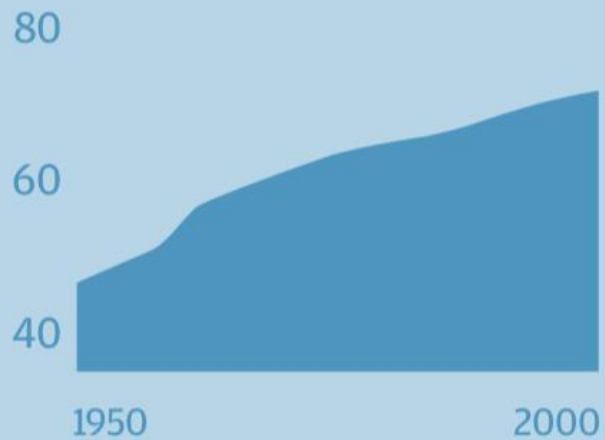




THE HUMAN POPULATION IS HEALTHIER THAN EVER BEFORE

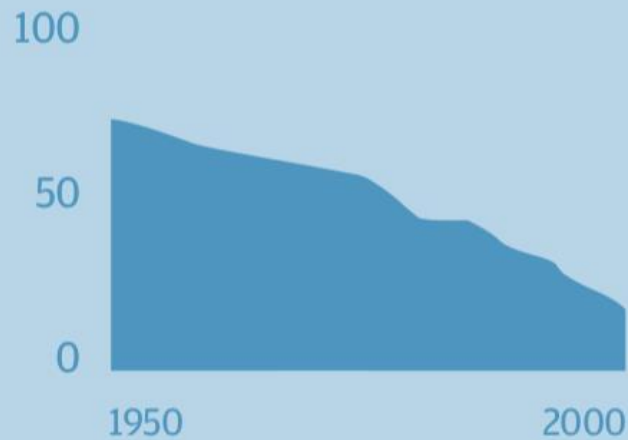
LIFE EXPECTANCY

Mean global life expectancy at birth (years)



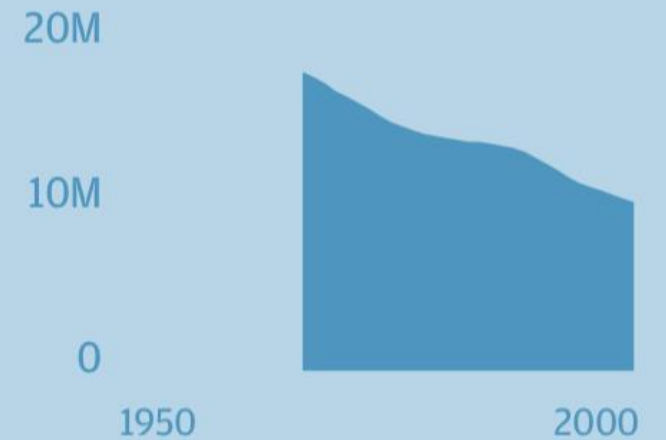
POVERTY

Population of world in poverty (%)



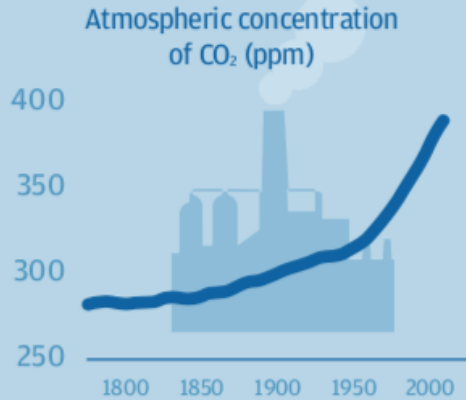
CHILD MORTALITY

Recorded deaths of under-fives¹

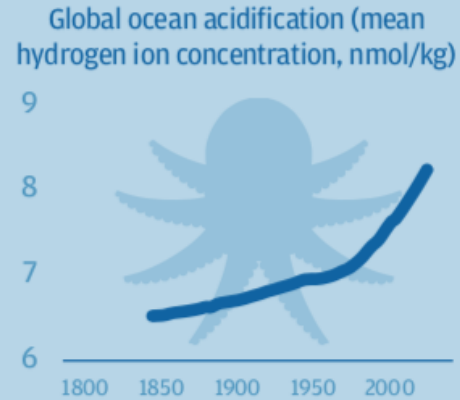


BUT TO ACHIEVE THIS WE'VE EXPLOITED THE PLANET AT AN UNPRECEDENTED RATE

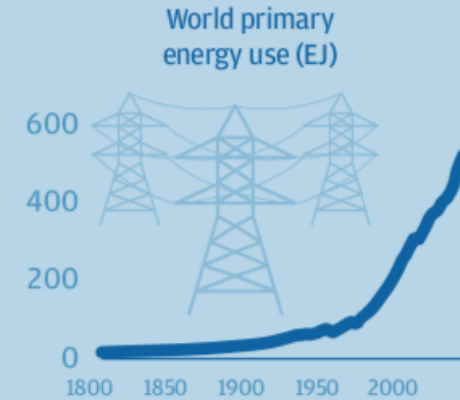
CARBON DIOXIDE EMISSIONS



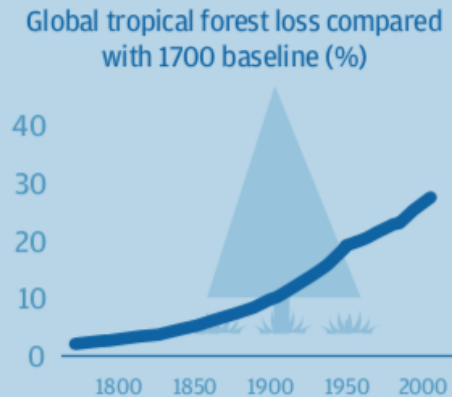
OCEAN ACIDIFICATION



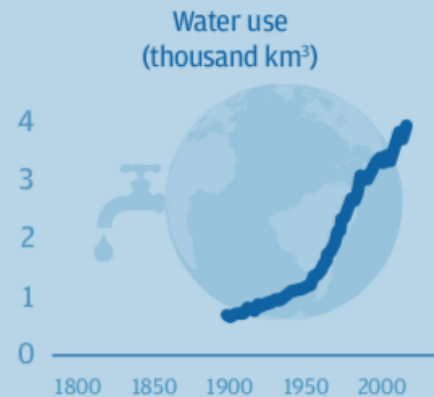
ENERGY USE



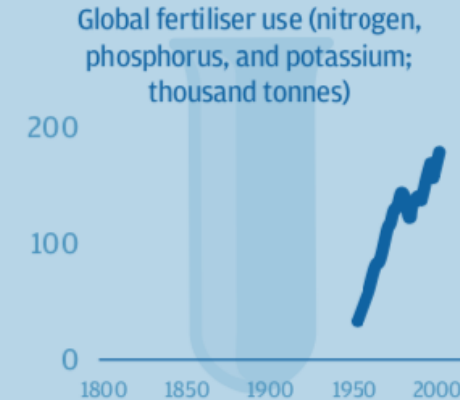
TROPICAL FOREST LOSS



WATER USE



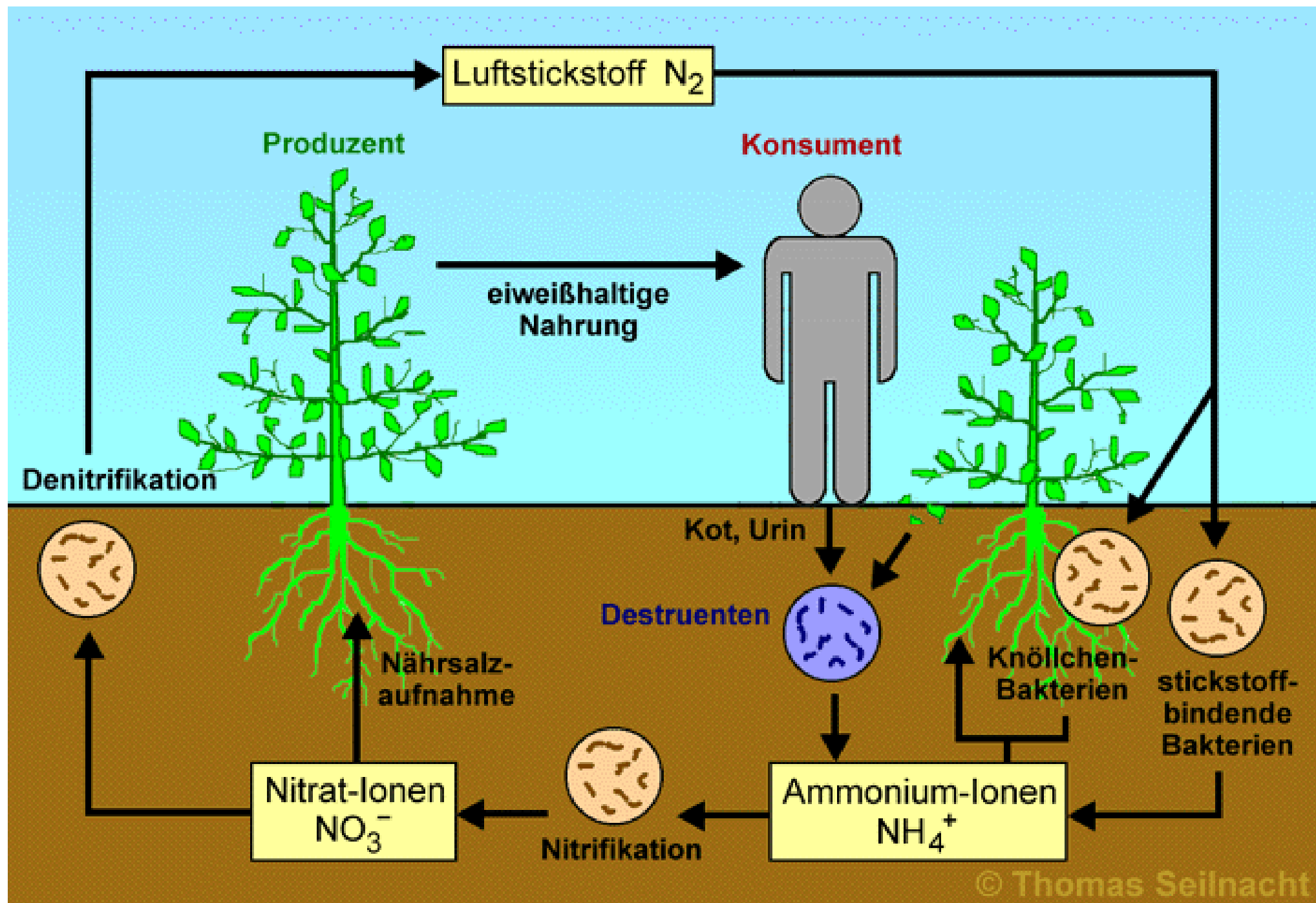
FERTILISER USE



An infographic centered on a blue globe. The globe is surrounded by various icons representing human civilization and nature. At the top, there are industrial buildings with smokestacks emitting smoke, wind turbines, and a small airplane. In the middle, a diverse group of people of different ages and ethnicities are standing together. At the bottom, there are green hills, a brown mountain range, and a small house. A white banner with a blue border is draped across the globe, containing the text 'PLANETARY HEALTH'. Below the banner, the text 'THE HEALTH OF HUMAN CIVILISATION AND THE NATURAL SYSTEMS ON WHICH IT DEPENDS' is written in white, uppercase letters.

PLANETARY HEALTH

THE HEALTH OF HUMAN
CIVILISATION AND THE NATURAL
SYSTEMS ON WHICH
IT DEPENDS



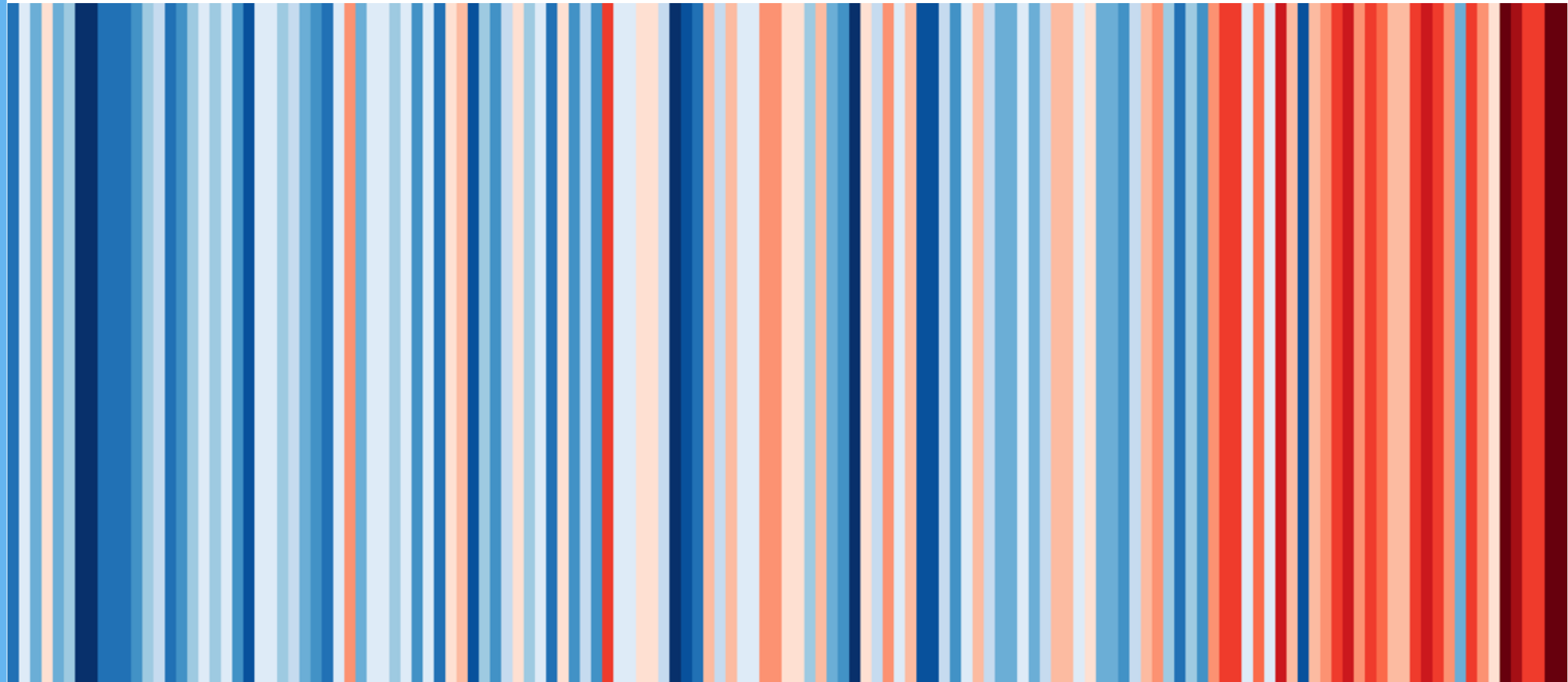




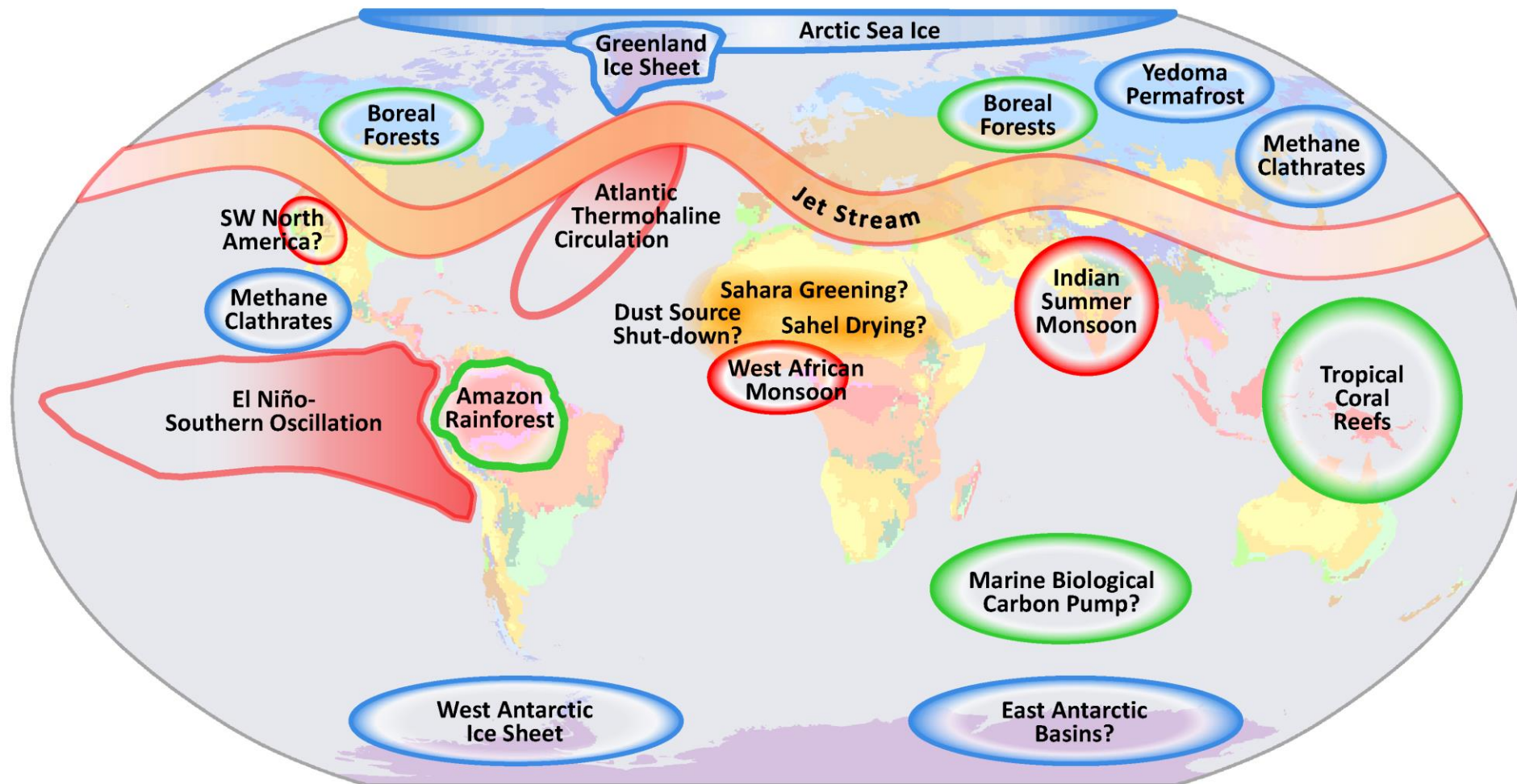




<https://www.planetaryhealthalliance.org/planetary-health>



Die jährliche Durchschnittstemperatur in Deutschland von 1881 bis 2019
Quelle: Ed Hawkins (University of Reading)

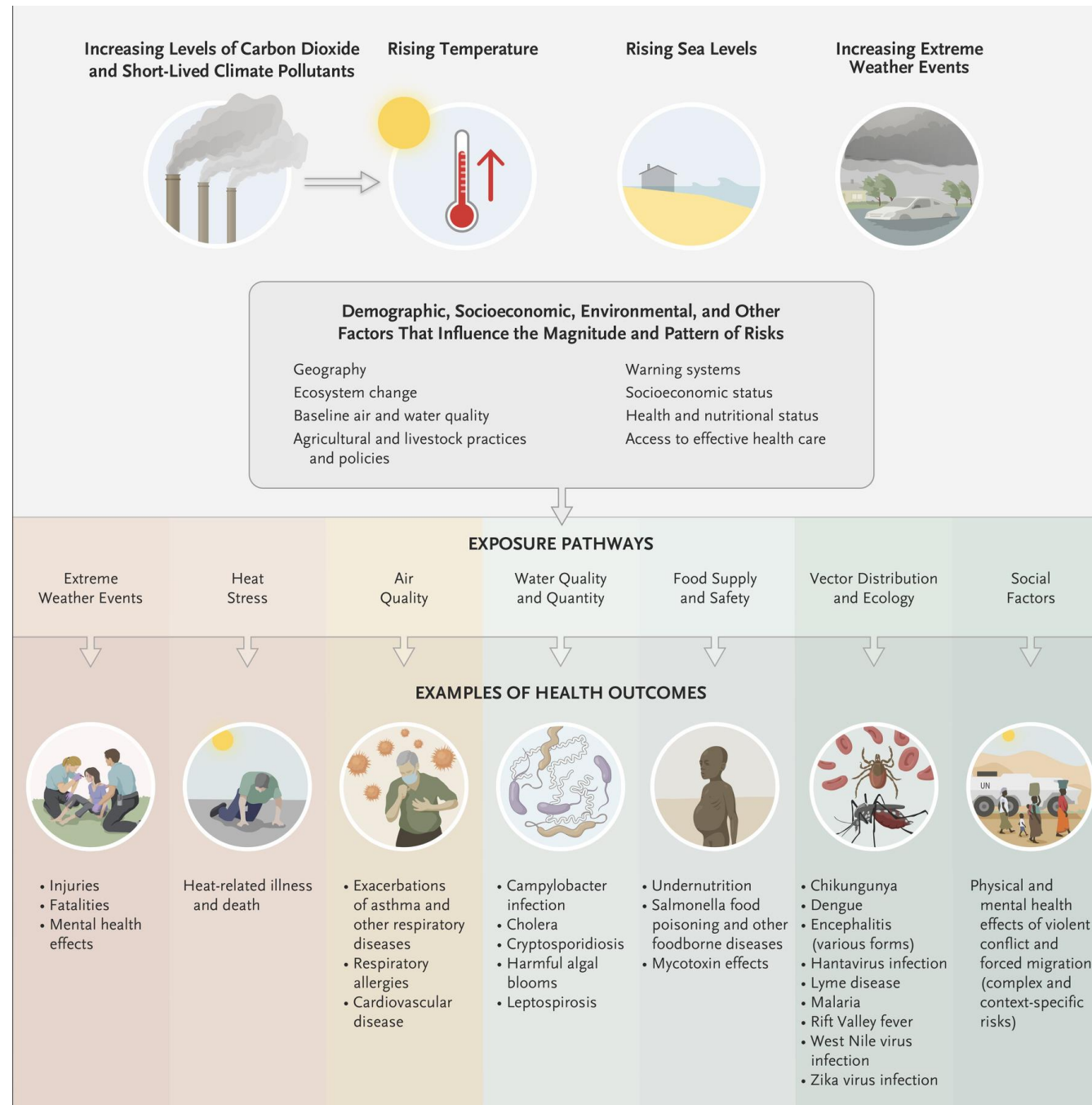


- **Cryosphere Entities**
- **Circulation Patterns**
- **Biosphere Components**

Köppen Climate Classification



Folgen des Klimawandels für die Gesundheit



The Imperative for Climate Action to Protect Health - Andy Haines, M.D., and Kristie Ebi



Epidemiologisches Bulletin

6. Juni 2019 / Nr. 23

AKTUELLE DATEN UND INFORMATIONEN ZU INFektionsKRANKHEITEN UND PUBLIC HEALTH

Wochenmitteltemperatur quantifiziert. Diese Schätzung wird mit der Exzess-Mortalität verglichen. Im Sommer 2018 starben in Berlin etwa 490 Menschen aufgrund der Hitzeeinwirkung, die Betrachtung der Exzess-Mortalität führt zu einer ähnlichen Schätzung. In Hessen wird die Anzahl hitzebedingter Sterbe-



Foto: Adobe Stock/Robert Kneschke

Hitzewellen

Weather Channel | FOCUS Das Wetter in ...

☀️ 33° Berlin

Nächster Artikel
Auswege aus der Hitze: Die kältes

KLIMA

Tödliches Risiko: Tausende Menschen in Deutschland wegen Hitzewellen gestorben

Von Gisela Gross, dpa/stj · 29. Juni, 2019 · Burda

° ☂️ 0%

B.Z.



Quellen: <https://www.bz-berlin.de/deutschland/tausende-deutsche-sterben-waehrend-hitzewellen>, <https://weather.com/de-DE/wissen/klima/news/2019-06-29-hitzewellen-tausende-menschen-in-deutschland-gestorben>

Zunahme an Hitzewellen führt zu mehr Toten durch Hitzekollaps und Hitzschlag ...

490 Todesfälle in Berlin

Tausende Deutsche sterben während Hitzewellen



A 4C rise in global average temperatures would force humans away from equatorial regions

Canada, Siberia, Scandinavia, and Alaska

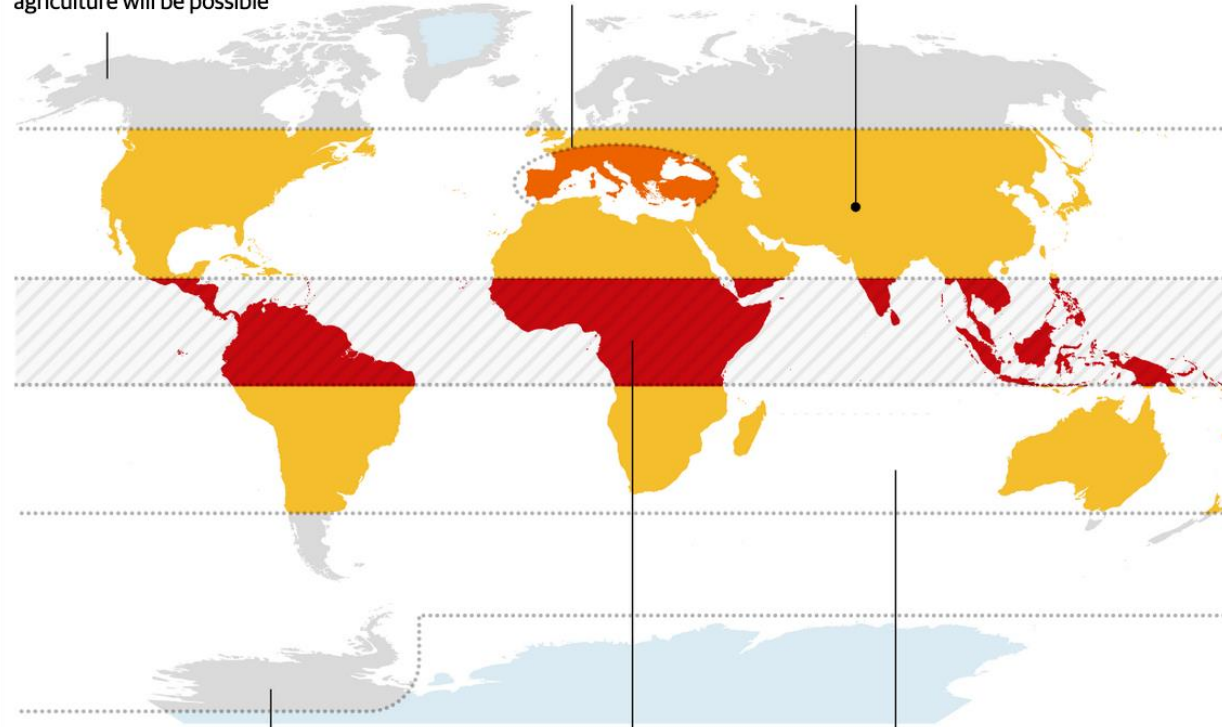
The vast majority of humanity will live in high-latitude areas, where agriculture will be possible

Southern Europe

Saharan deserts will expand into southern and central Europe

Hindu Kush, Karakoram and Himalayas

Two-thirds of the glaciers that feed many of Asia's rivers will be lost



New Zealand, Tasmania, Western Antarctica and Patagonia

Some of the only habitable parts of the southern hemisphere - likely to be very densely populated

Equatorial belt

High humidity causing heat stress across tropical regions will render them uninhabitable for much of the year. To the north and south will lie belts of inhospitable desert

Oceanic dead zones

Coral reefs, shellfish and plankton will be wiped out by rising acidity and algae starving the oceans of oxygen. Without prey, larger sea life will decline rapidly

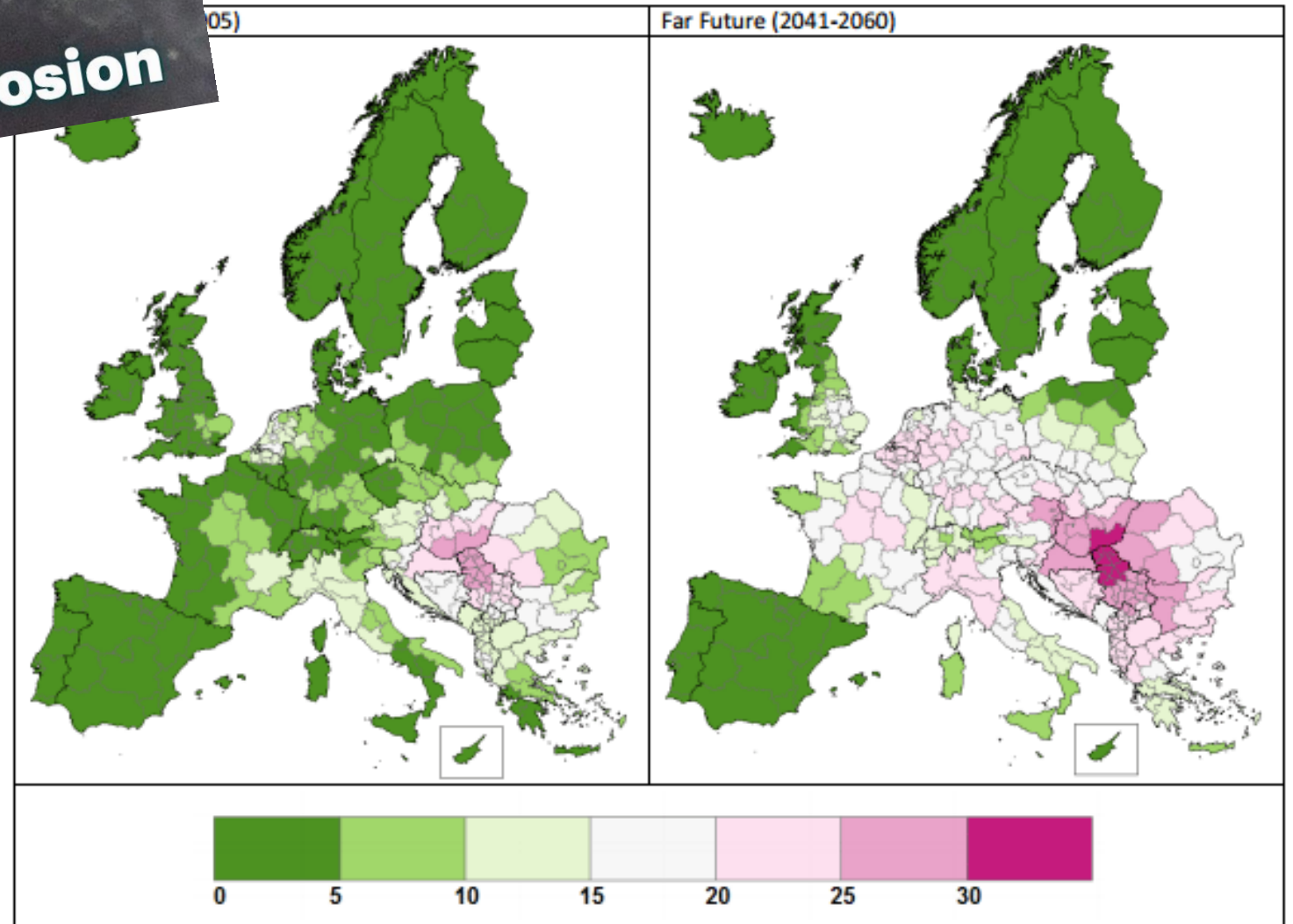
Allergien

Pollenflug im Februar

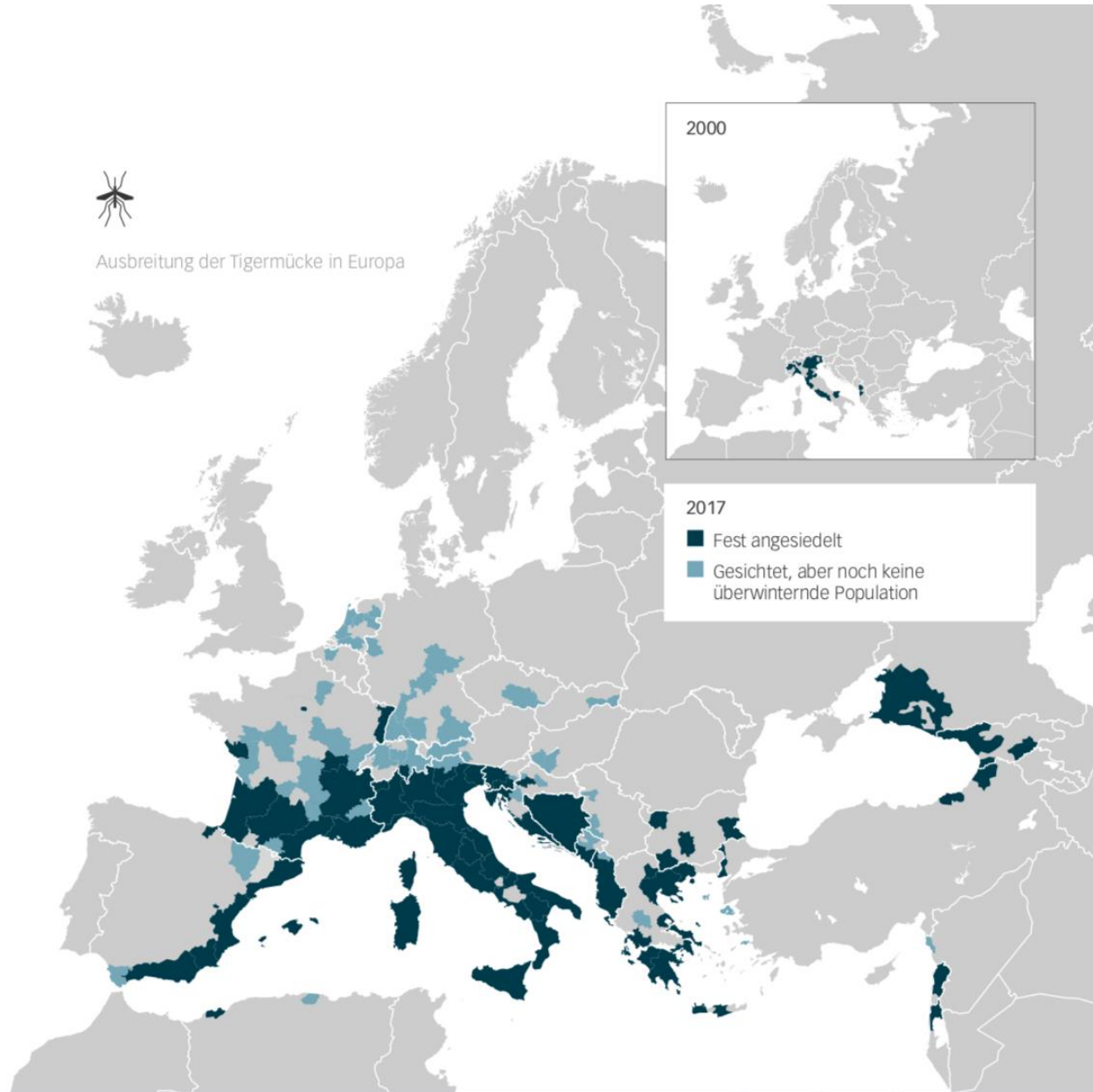
Ja, es gibt eine Pollenexplosion



godfer / Fotolia.com, www.umweltbundesamt.de



Mach wir aus einer Mücke einen Elefanten?



Blaualggen



Blaualggen in fränkischem Badesee: Badewarnung wegen giftiger Cyanobakterien

Am kleinen Brombachsee ist eine erhöhte Konzentration von Blaualggen gemessen worden. Das Landratsamt Weißenburg-Gunzenhausen hat deshalb eine Badewarnung herausgegeben.

www.infranken.de

Luftverschmutzung



Psychische Gesundheit



<https://www.n-tv.de/wissen/Wie-viel-Leid-ertraegt-die-Psyche-article2881061.html>



<https://www.gesundheit.de/krankheiten/psyche-und-sucht/posttraumatische-belastungsstoerung/ptbs-posttraumatische-belastungsstoerung>

Wir brauchen alle!

Handabdruck

Politische Teilhabe

Job

Geld



Soziales Engagement



You can't do all the good, the world needs,
But the world needs all the good you can do.

Jana Stanfield

