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Healthy Planet – Healthy People: A new guiding principle?

Kerstin Blum, Managing Director

EUFORES 22nd Inter-Parliamentary Meeting on Renewable Energy and Energy Efficiency
Berlin, October 21, 2022



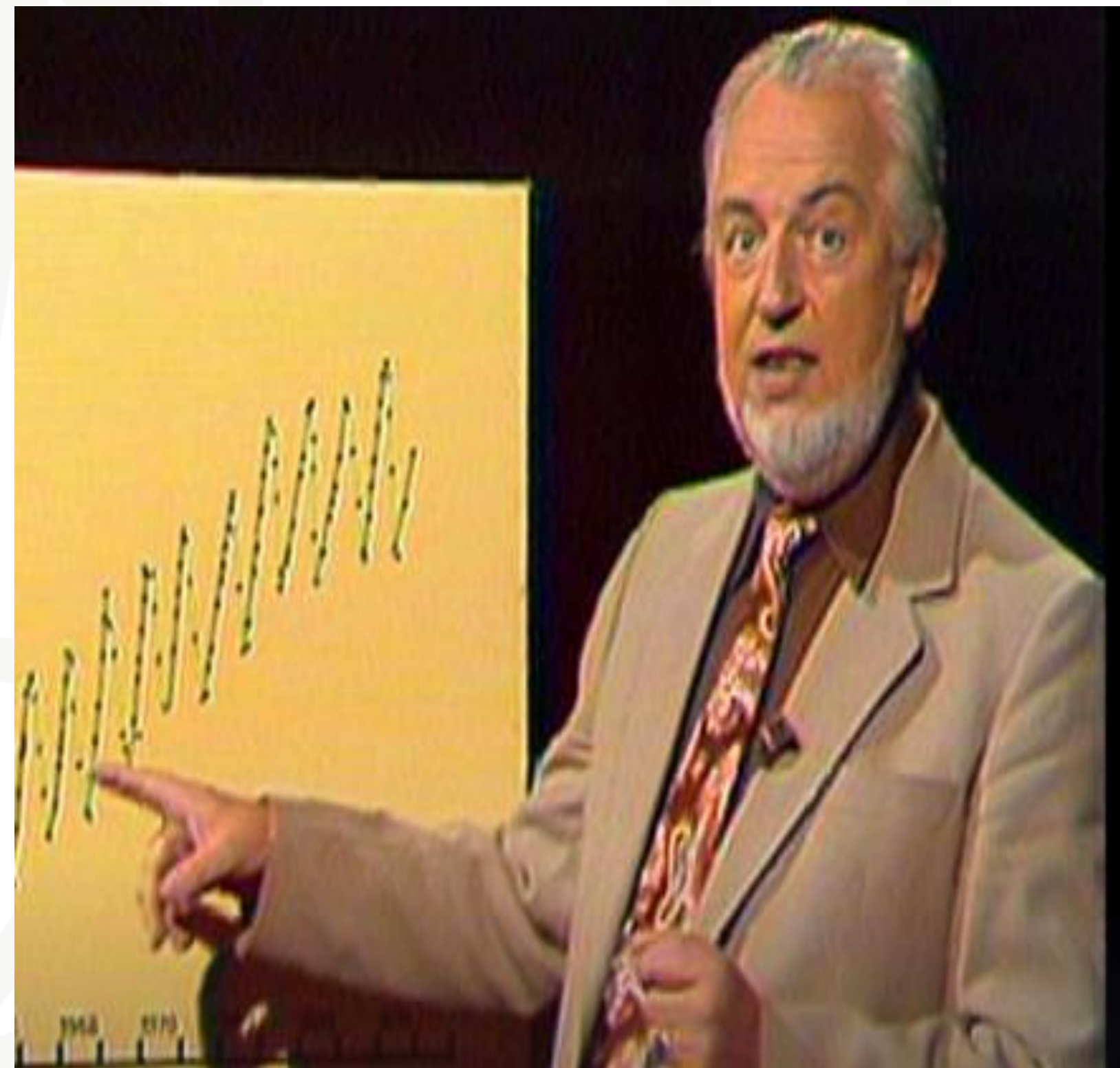
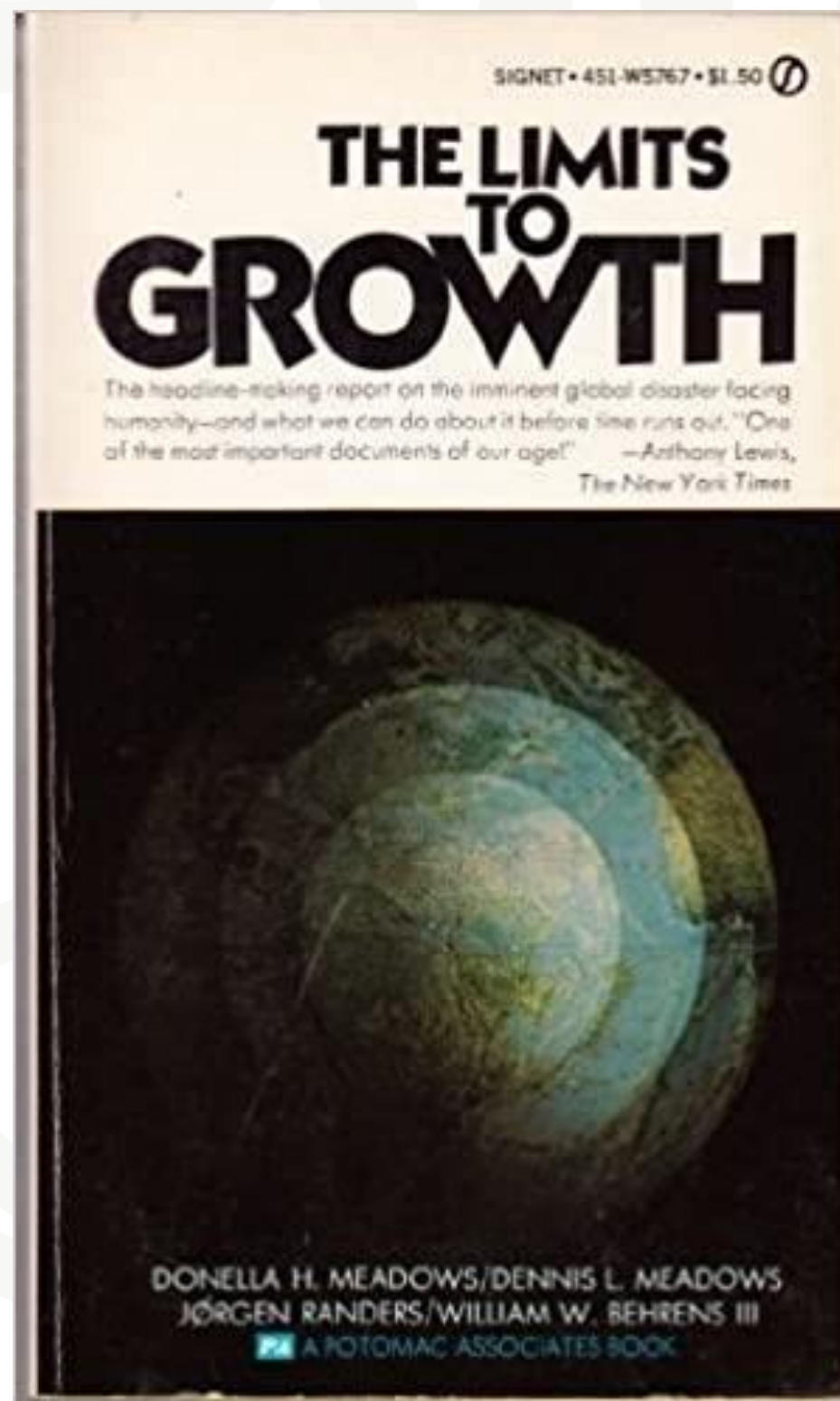
**Medicine knows:
Diagnosis before treatment is vital.**

**But when it comes to the climate crisis, we have done
things the wrong way round so far!**

„Research shows, that showing people research **doesn't work.**“



Dr. John Sterman, MIT and Climate Interactive



The New York Times

Dr. James E. Hansen, a NASA scientist and leading expert on climate change, told Congress in 1988 that he was “99 percent certain” that human-induced global warming was real.

This week, Dr. Hansen, who retired in 2013, spoke on the sidelines of the Paris climate talks and criticized the negotiators’ efforts to reach a deal on emissions as “half-baked.”

—MADELEINE KRUHLY

From the Archives



Dr. James E. Hansen, a NASA scientist and leading expert on climate change, testified before Congress in 1988.

Climate Communication

Studies proof high effect of health argument

Health important for all groups of society, eye opener, high level of cross-party consent

Those who perceive health risks from climate change are more likely to approve climate protection measures

Recommend Climate Protection = Health Protection
As an argument



PHA²SE – Planetary Health Action Acceptance Study Erfurt
Prof. Dr. Cornelia Betsch



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How to communicate climate change – George Marshall

Healthy Planet – Healthy People



German NGO since 2020

Promote public awareness:
healthy people can only exist
on a healthy planet.

Climate communication that reaches,
moves and inspires people to action.

Focus on solutions, a visionary approach
and a good sense of humor.





What is the story?

About climate change and health

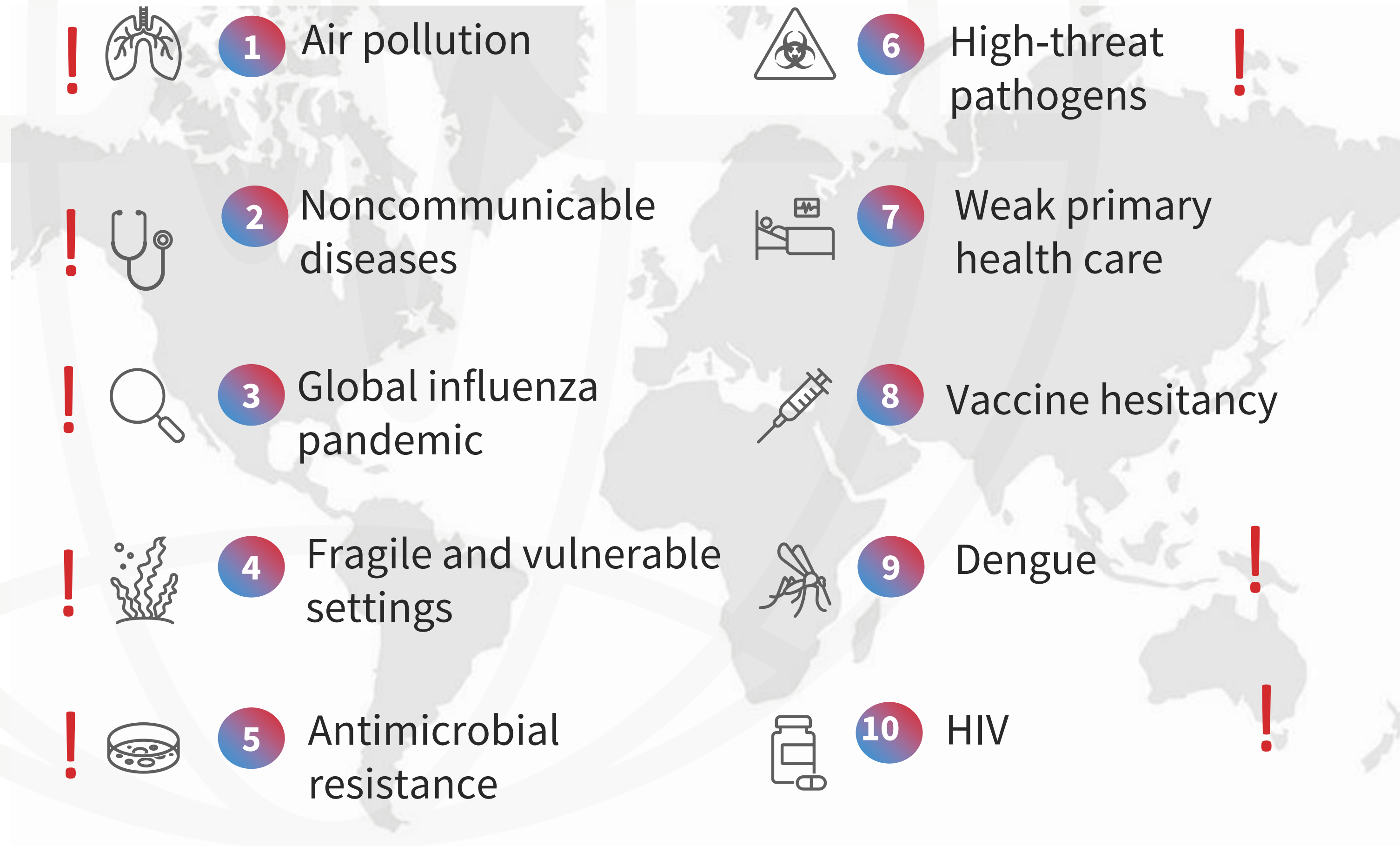


Climate change is the greatest global health threat facing the world in the 21st century.

But it is also the greatest opportunity to redefine the social and environmental determinants of health.



Almost all 10 threats to global health...



... are linked to

- **climate crisis**
- **biodiversity loss**
- **planetary boundaries**

The background features a stylized globe grid in shades of purple and red. Overlaid on the right side of the globe is a prominent red waveform, resembling a heartbeat or an ECG line, which adds a sense of urgency or criticality to the message.

**Doesn't matter
in Europe?**

...yes, it does.



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Climate: Europe warming faster than rest of world (IPCC)

🕒 3 min.



Droughts, fires and floods: How climate change will impact Europe

THE ROAD TO COP26

The south of the Continent will be harder hit than the north, driving a wedge into one of the European Union's deepest fault lines.

BY KARL MATHIESEN, KALINA OROSHAKOFF, GIOVANNA COI AND ARNAU BUSQUETS GUÀRDIA

JULY 2, 2021 | 4:30 AM

Climate crisis made summer drought 20 times more likely, scientists find

Record northern hemisphere drought in 2022 hit crops and power stations, worsening food and energy crises



Air pollution: Death Cause N° 1



aerzteblatt.de

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Politik

Mehr als 80.000 Todesfälle durch Luftverschmutzung in Deutschland

Dienstag, 12. Oktober 2017



Arno Bräuer, pixabay.com

Limiting air pollution 'could prevent 50,000 deaths in Europe'

World Health Organization estimates air pollution kills more than 7 million people each year



▲ Cities such as Paris, with their crowded streets and high energy use, are hotspots for illness and disease linked to air pollution. Photograph: Gonzalo Fuentes/Reuters

Limiting air pollution to levels recommended by the World Health Organization could prevent more than 50,000 deaths in **Europe** annually, according to research.

Heatwaves hit the vulnerable ones



DER TAGESSPIEGEL

Folge des heißen Sommers 2018

22.09.2019, 17:40 Uhr

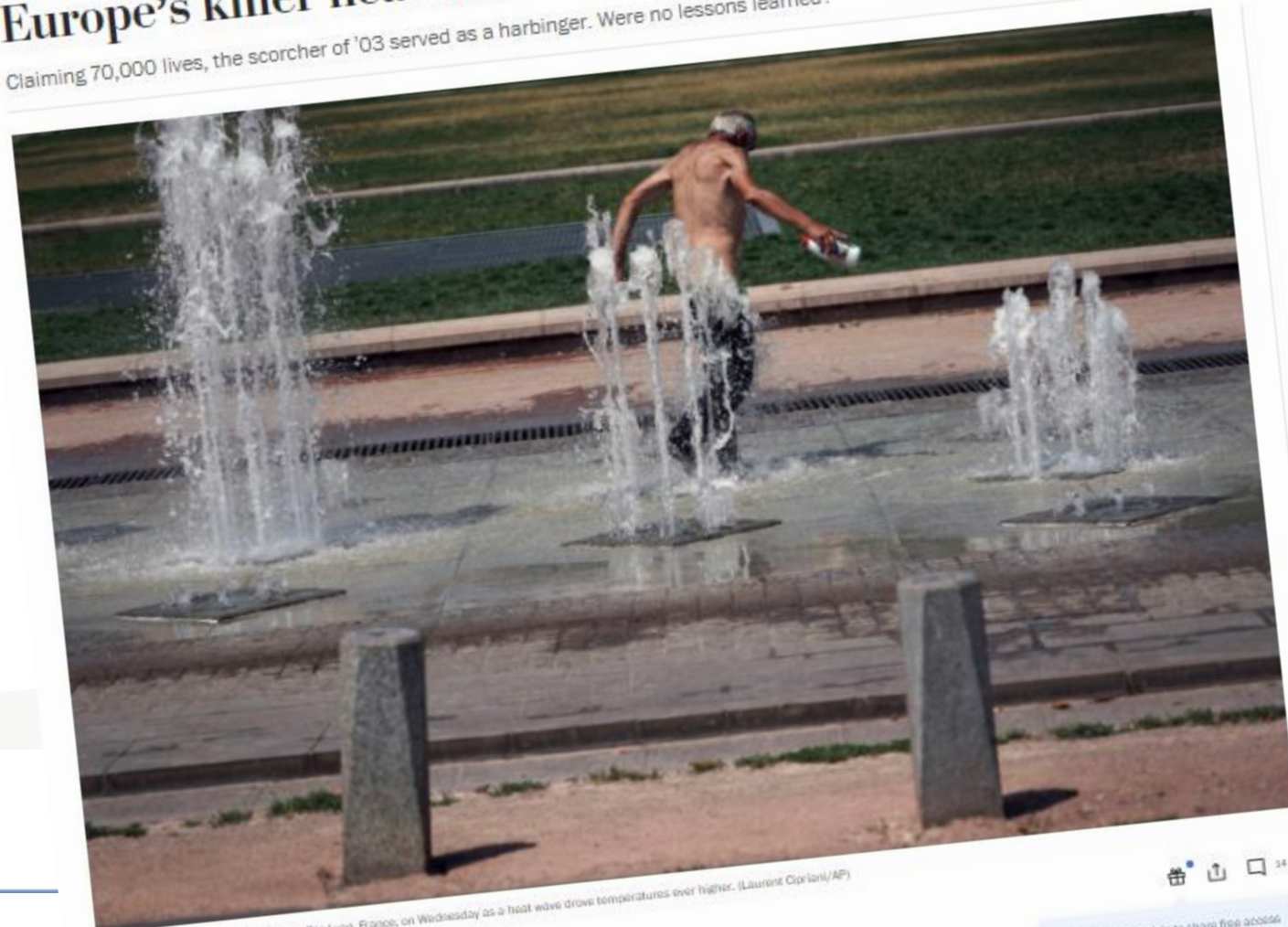
Mehr als 800 Hitzetote in Berlin und Brandenburg

Forscher des Robert-Koch-Instituts haben ermittelt: Durch die Hitzewelle 2018 ist die Sterberate gestiegen. Kann Prävention den Anstieg abschwächen? VON SIGRID KNEIST



Europe's killer heat waves are a new norm. The death rates should be lower. Claiming 70,000 lives, the scorcher of '03 served as a harbinger. Were no lessons learned?

Besonders für ältere Menschen ist die Hitze oft nur s



By Richard C. Keller
Richard C. Keller is a professor in the Department of Medical History and Biometrics at the University of Wisconsin-Madison. He is the author of "Fatal Isolation: The Devastating Paris Heat Wave of 2003."

July 26, 2019

NEW! Cite this article to share free access

NEW! Cite this article to share free access

Sources: [Washington Post](#), [Le Monde](#)

Le Monde

ACTUALITÉS ÉCONOMIE VIDÉOS OPINIONS CULTURE M LE MAG SERVICES

POLITIQUE CLIMAT

Partage

Canicules, inondations : Paris de plus en plus menacé par le changement climatique

Avec le dérèglement du climat, la capitale risque de subir des vagues de chaleur récurrentes et des crues plus fréquentes, selon une étude réalisée pour la Mairie de Paris.

Par Denis Cosnard

Publié le 22 septembre 2021 à 08h04 - Mis à jour le 22 septembre 2021 à 18h27 - Lecture 5 min.

Article réservé aux abonnés



Le pont de Bir-Hakeim à Paris, le 26 janvier 2018. CHRISTOPHE MBAULT / AFP

CONTENUS SPONSORISÉS PAR OUTBRAIN



tagesschau.de
Startseite Ausland
2020 war wärmstes Jahr in Europa seit Aufzeichnungsbeginn



Klimawandel
2020 war wärmstes Jahr in Europa
Stand: 08.01.2021 11:37 Uhr

Floods at our doorsteps



Jahrhunderthochwasser 2021 in Deutschland

Bei der Hochwasserkatastrophe Mitte Juli starben nach derzeitigem Stand alleine in Deutschland mehr als 180 Menschen. Die Flut verursachte zudem Sachschäden in Milliardenhöhe. Expertinnen und Experten rechnen wegen des Klimawandels mit einer Häufung extremer Wetterereignisse.



Aufgrund starker Regenfälle ist der kleine Fluss Erft in Ertstadt-Blessem über die Ufer getreten und hat massive Schäden verursacht. (© picture alliance / ASSOCIATED PRESS | Michael Probst)



Belgium hit with renewed flooding amid heavy rain

Parts of Wallonia, the southern French-speaking region of Belgium, were particularly hard-hit by the new floods. The town of Dinant saw considerable damage, with cars having been swept away by the waters.



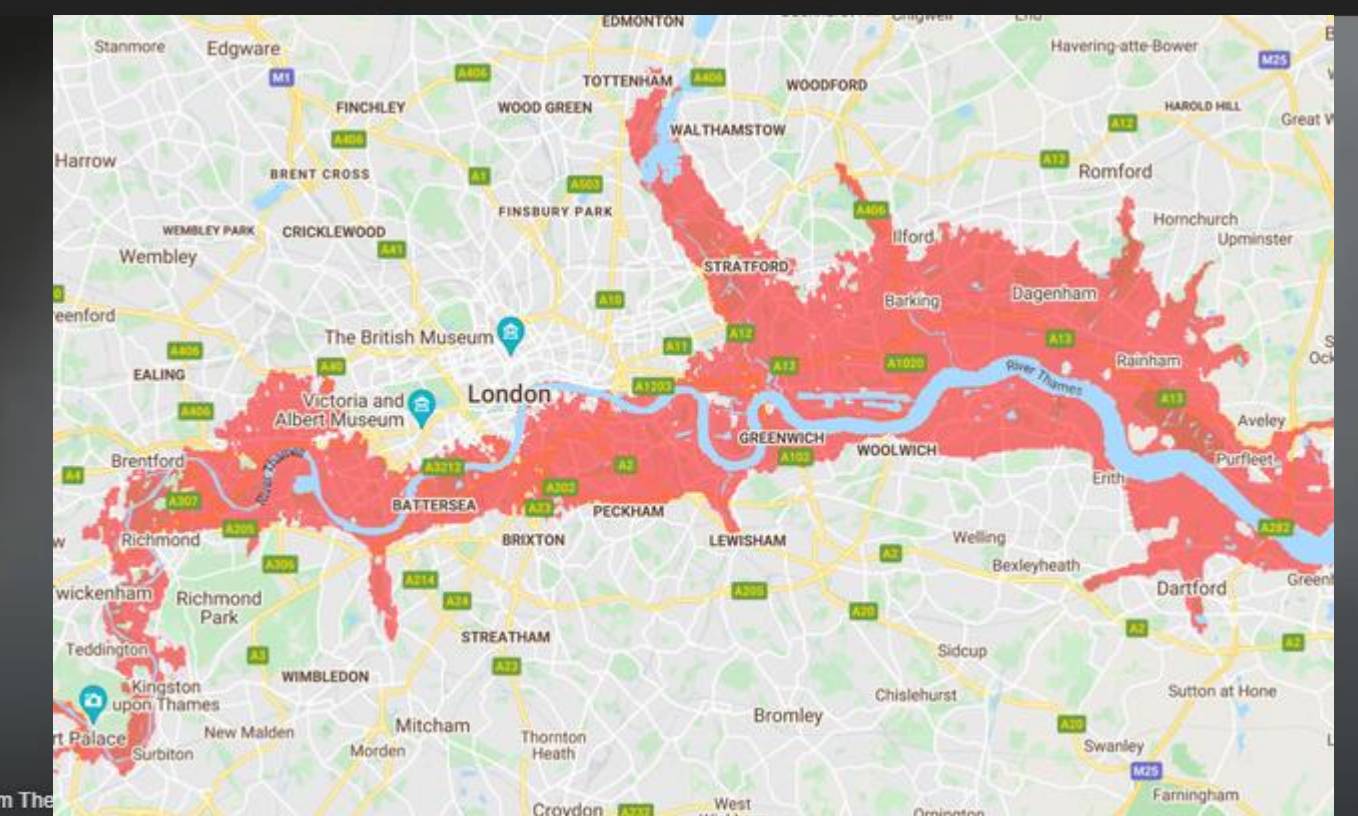
The floods mostly impacted areas in the country's southern French-speaking region of Wallonia



London flood risk: Map shows areas that could be regularly underwater by 2030

These are the areas of London that face alarmingly frequent flooding by 2030

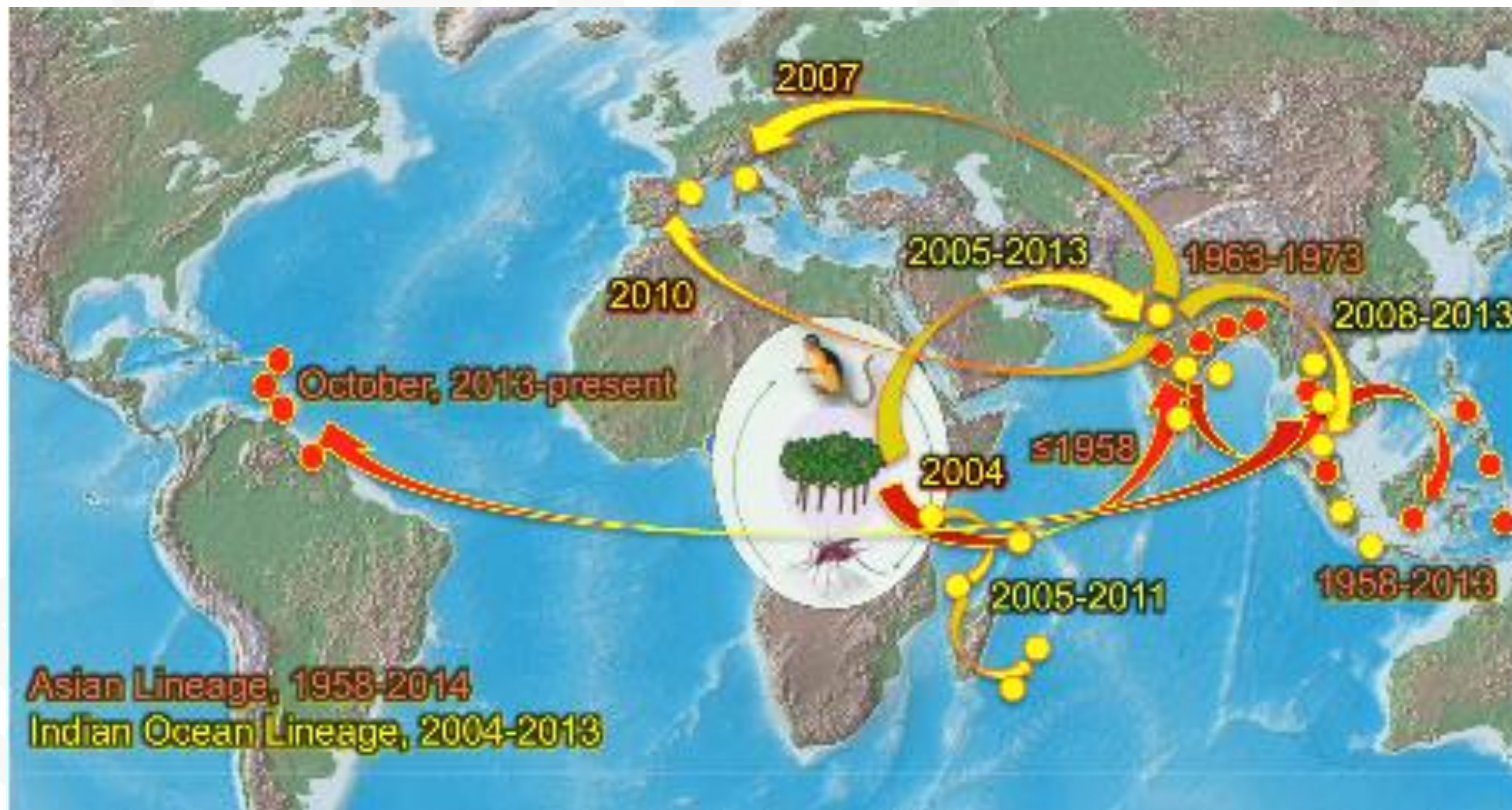
Samuel Webb | Wednesday 11 August 2021 11:37 | comments



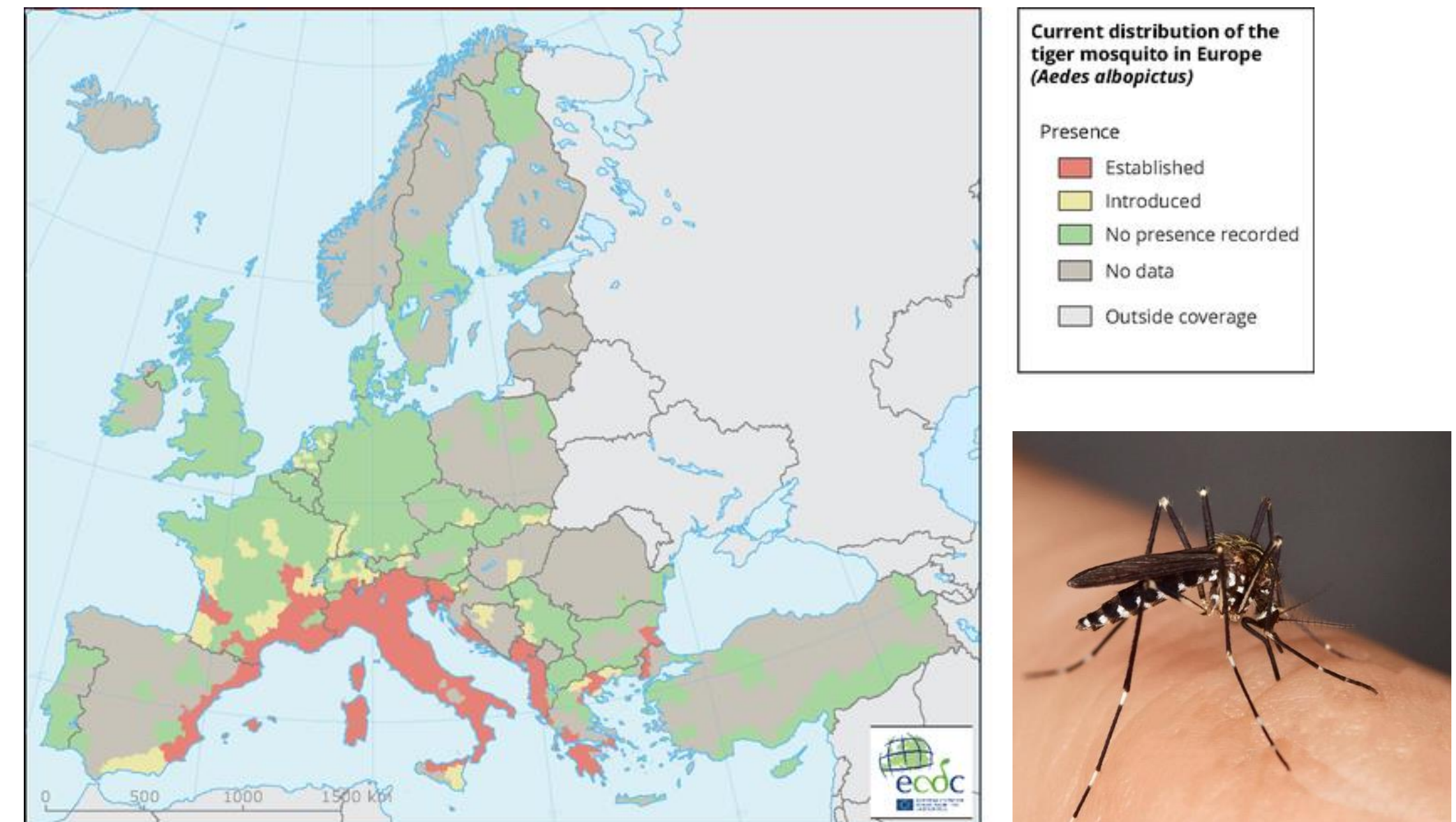
Tropical diseases in the middle of Europe



Chikungunya Virus in the New World



Tiger Mosquito in Europe



Health threat or opportunity?

There is still time to decide





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Co-Benefit Planetary Health Diet

SUCHBILD: WAS FEHLT HIER?



Source: Molly Katzen



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Co-Benefit Active mobility



Source: realutopien.info



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Co-Benefit Healthier cities



Source: realutopien.info



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Co-Benefit Renewable Energy



Source: Co-Benefits.info

Two concepts gaining ground...

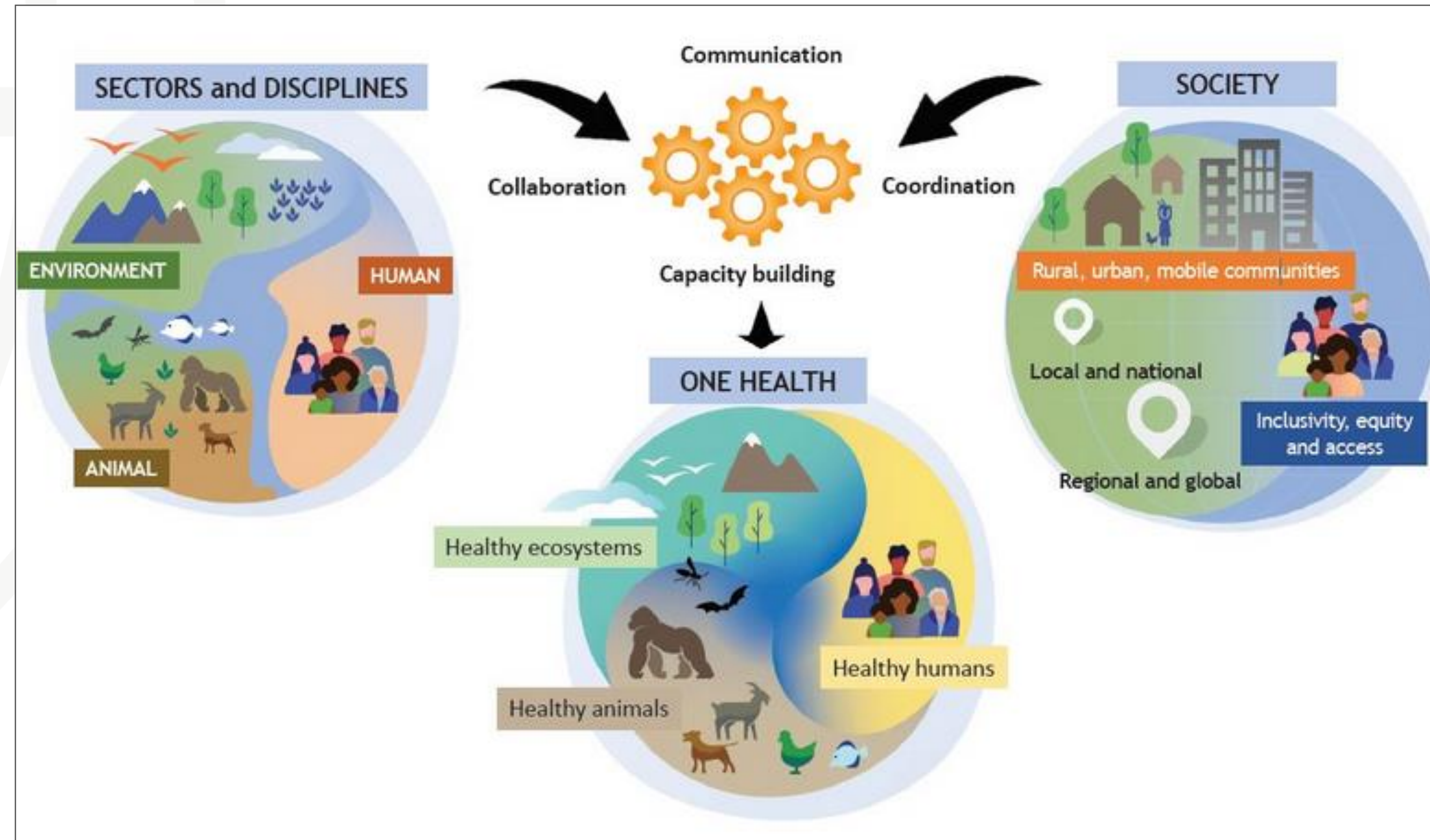


PLANETARY HEALTH:

The Health of Human Civilization and the Natural Systems on which it depends

ONE HEALTH:

Sustainably balance and optimize the health of humans, animals, plants and ecosystems





Food and Agriculture
Organization of the
United Nations



World Health
Organization



World Organisation
for Animal Health
Founded as OIE



ONE HEALTH JOINT PLAN OF ACTION (2022-2026)

Action track 1: Enhancing One Health capacities to strengthen health systems

Action track 6: Integrating the Environment into One Health

Action track 5: Curbing the silent pandemic of Antimicrobial Resistance (AMR)



Action track 2: Reducing the risks from emerging and re-emerging zoonotic epidemics and pandemics

Action track 3: Controlling and eliminating zoonotic, neglected tropical and vector-borne diseases

Action track 4: Strengthening the assessment, management and communication of food safety risks

... the approach mobilizes multiple sectors, disciplines and communities at varying levels of society to work together to foster well-being and tackle threats to health and ecosystems, while addressing the collective need for clean water, **energy** and air, safe and nutritious food, taking action on climate change, and contributing to sustainable development.

One Health in international politics

welt | MEINUNG | GERD MÜLLER

Gesunde Menschen gibt es nur auf einem Planeten

Veröffentlicht am 04.10.2021 | Lesedauer: 4 Minuten
Von Gerd Müller



Entwicklungsminister Gerd Müller (CSU)

World Health Organization

Media briefing on launch of the new One Health High-Level Expert Panel

Virtual Press conference 20 May 2021

PLOS PATHOGENS

OPEN ACCESS

OPINION

One Health: A new definition for a sustainable and healthy future

One Health High-Level Expert Panel (OHHLEP), Wiku B. Adisasmito, Salama Almuhaire, Casey Barton Behravesh, Pépé Bilivogui, Salome A. Bukachi, Natalia Casas, Natalia Cediel Becerra, Dominique F. Charron, Abhishek Chaudhary, Janice R. Ciacci Zanella, Andrew A. Cunningham, Osman Dar, [...], Lei Zhou [view all]

Published: June 23, 2022 • <https://doi.org/10.1371/journal.ppat.1010537>

G7 GERMANY
Science 7 Dialogue

ONE HEALTH JOINT PLAN OF ACTION (2022-2026)

HIOH HELMHOLTZ Institut für One Health

giz Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

One Health in der deutschen Entwicklungszusammenarbeit

Projektkurzbeschreibung
Bezeichnung: Sektorvorhaben One Health
Auftraggeber: Bundesministerium für wirtschaftliche Zusammenarbeit und Entwicklung

The Need for a One Health Approach to Zoonotic Diseases and Antimicrobial Resistance

SCIENTIFIC REPORT

ecdc | EFSA Journal

APPROVED: 12 November 2021
doi: 10.2903/j.efsa.2021.6971

The European Union One Health 2020 Zoonoses Report

European Food Safety Authority
European Centre for Disease Prevention and Control

World Health Organization

Home / News / Tripartite and UNEP support OHHLEP's definition of "One Health"

Tripartite and UNEP support OHHLEP's definition of "One Health"

Joint Tripartite (FAO, OIE, WHO) and UNEP Statement

1 December 2021 | Joint News Release | Reading time: 2 min (506 words)

العربية | 中文 | Français | Русский | Español

BMZ

One-Health-Ansatz umzusetzen, ist das BMZ ab 2021 mit jährlich 10 Millionen Euro in vier Handlungsfeldern tätig:

- Verankerung des One-Health-Ansatzes in der Entwicklungszusammenarbeit +
- Förderung der Zusammenarbeit +
- Stärkung der Kapazitäten +
- Politische Themenschwerpunkte setzen +



2020 ————— 2021 ————— 2022 —————>

Renewables for Health

Not just a technical or economic question...



Renewable energy for air quality and people's health

Socio-economic assessment tools, key findings and expert contacts



Health benefits of accelerated energy transition in Germany (1.5°C compatible pathway):

More than half of the air pollutant emissions of nitrogen oxides (NOX), sulphur oxides (SOX) and primary particulate matter (PM10) as well as mercury emitted by coal power plants between 2018 and 2030 would be avoided.

More than **20,000 premature deaths, 9,400 hospital admissions, and 420,000 asthma attacks in children** as well as around **6.7 million lost working days** could be avoided.

Between **18 and 53 billion Euro of damage costs** between 2018 and 2030 can be potentially saved.



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Twitter: @stiftung.gegmm

YouTube: Stiftung Gesunde Erde - Gesunde Menschen



Hunger und Weltbevölkerung

Würden wir keine Lebensmittel wegwerfen, hätten wir genug Nahrung für 12 Milliarden Menschen.



SWIPE FÜR MEHR INFOS

Was hat der Klimawandel mit Asthma zu tun?



Die steigenden Temperaturen befeuern die Pollensaison, die längere Belastung wirkt sich auf das chronische Leiden vor allem von Kindern und Jugendlichen aus.

SWIPE FÜR MEHR INFOS

Neue Analyse

Was kosten uns Extremwetter?



SWIPE FÜR MEHR INFOS

#Hitzewelle2022

„Deutschland ist laut Lancet Climate Countdown das Land mit den drittmeisten Hitzetoten weltweit. Es gibt zwar Länder, die heißer sind als wir, aber die haben auch nicht so viele alte, vorerkrankte Menschen.“

Eckart von Hirschhausen



SWIPE FÜR MEHR INFOS

Effiziente Energie

Mit Abwasser heizen? Das geht!



SWIPE FÜR MEHR INFOS

Wie wird Wissenschaft zum Gesetz?

Diskussion anlässlich des 50-jährigen Jubiläums des Club of Rome Berichts „Grenzen des Wachstums“

Franziska Helmreich, Aktivistin, Justice is Global
Dr. Bijan Meini, Jurist, Jeder Mensch &X
Dr. Rüdiger Verheyen, Rechtsanwältin, Richterin
Moderation: Dr. Eckart von Hirschhausen, Arzt, Wissenschaftsjournalist, Gründer, Stiftung Gesunde Erde - Gesunde Menschen

SWIPE FÜR MEHR INFOS