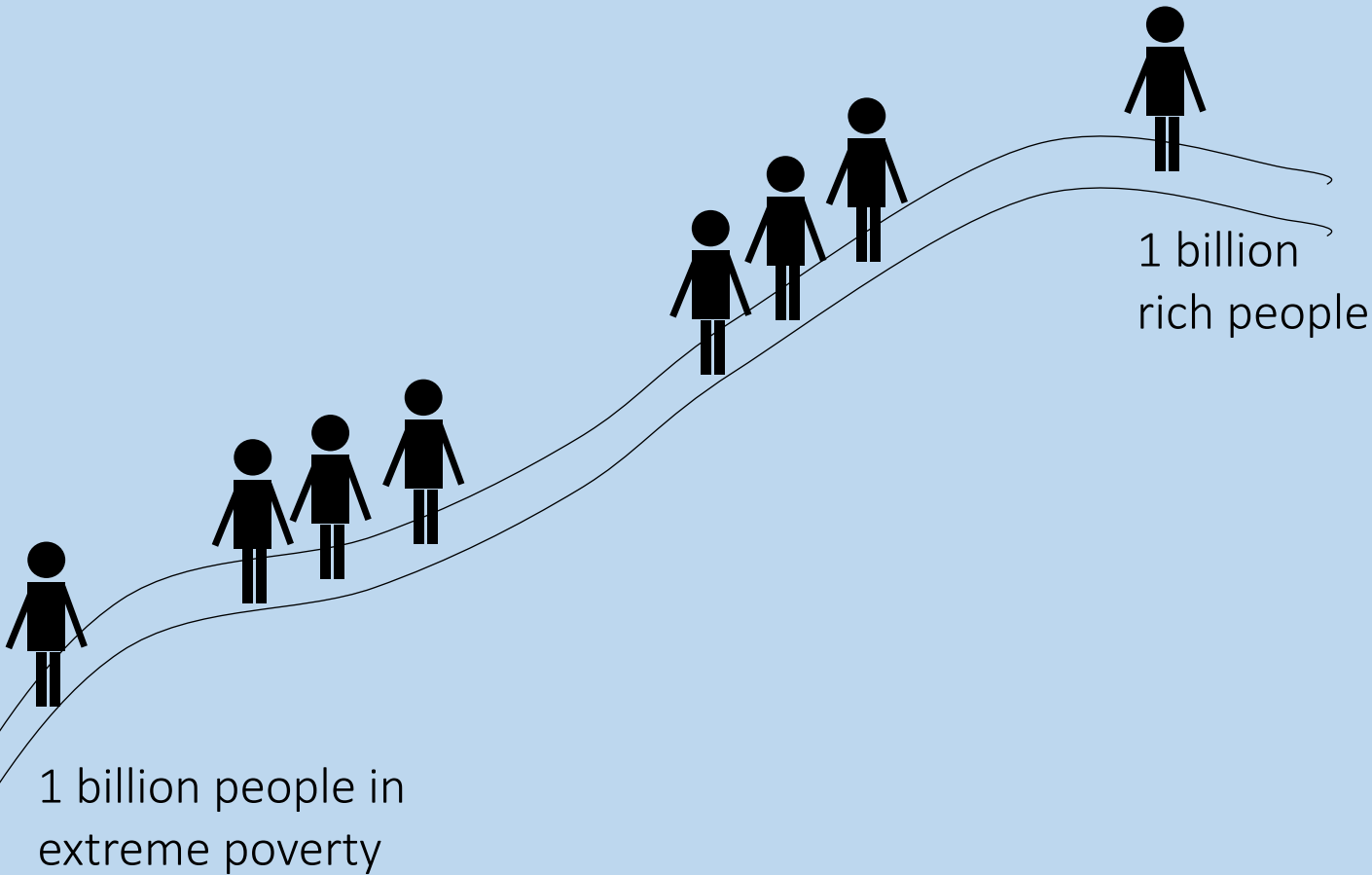


Planetary Health

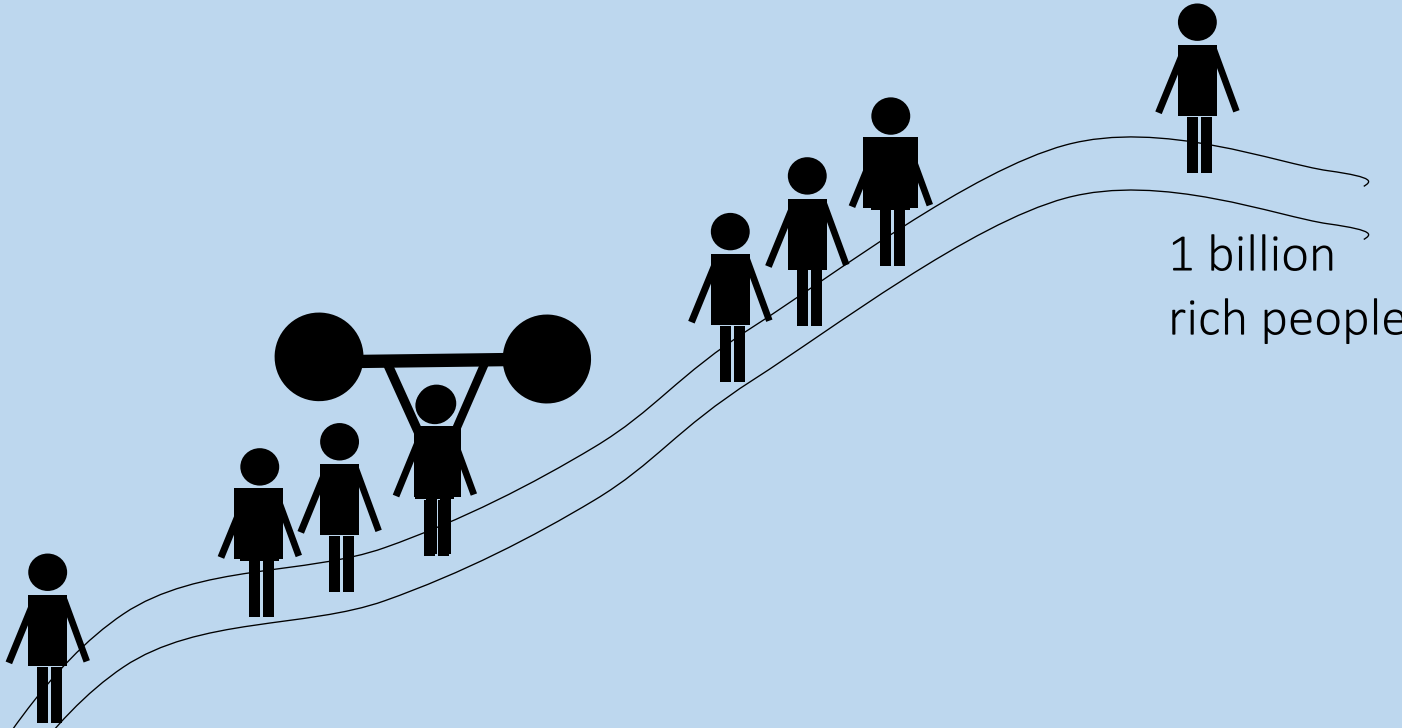
How do we want to shape our future?

#TalkAboutPlanetaryHealth

Health



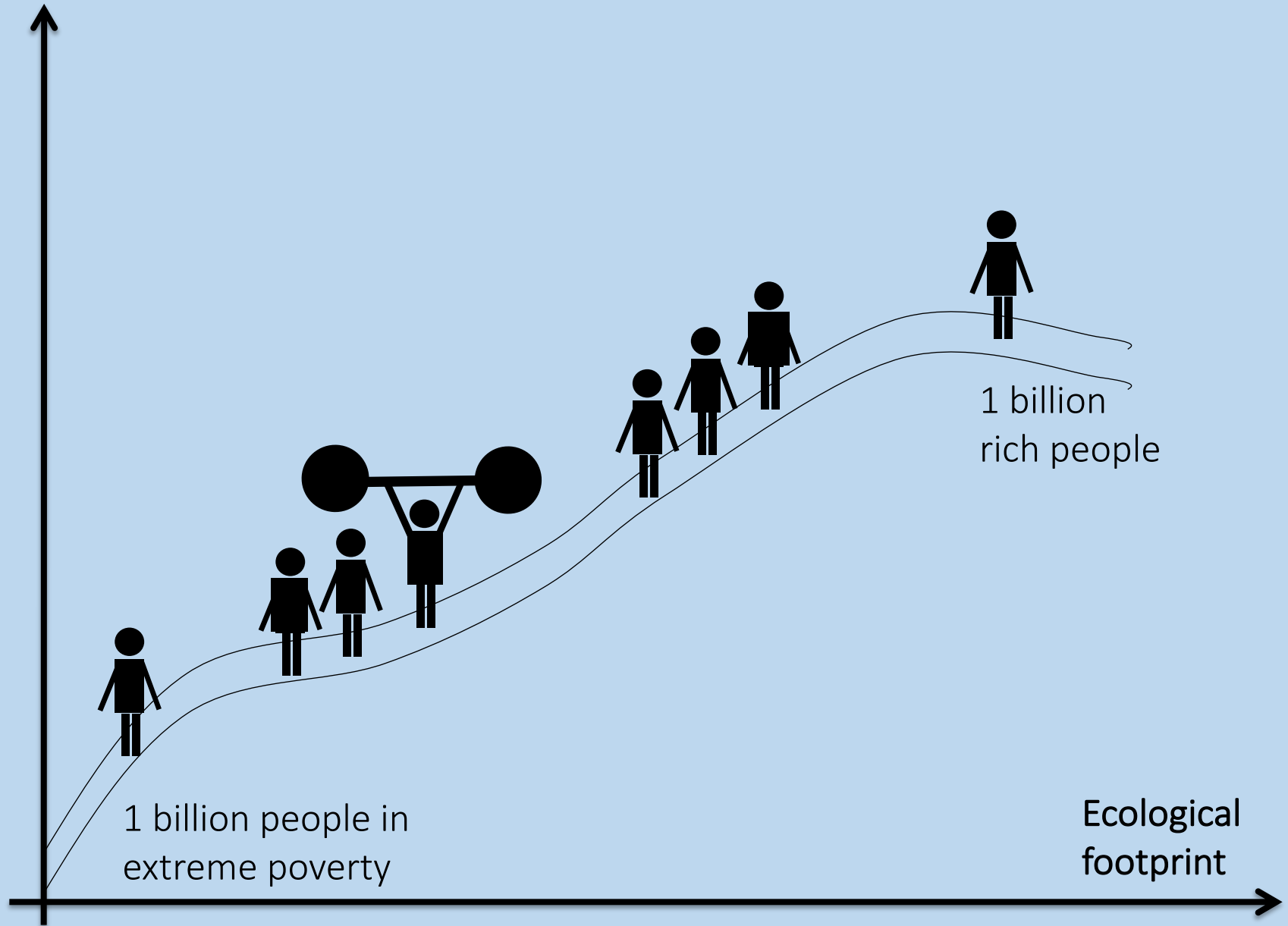
Health



1 billion people in extreme poverty

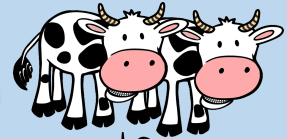
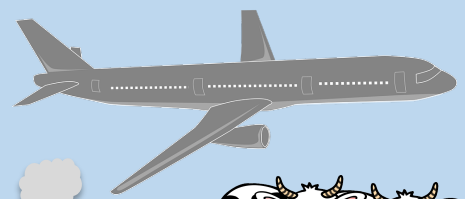
1 billion rich people

Health

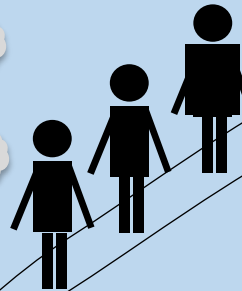
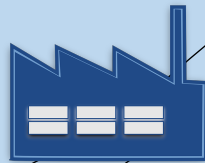


Health

Pollution
Climate change
Biodiversity loss



1 billion
rich people



1 billion people in
extreme poverty

Ecological
footprint

Health

SUSTAINABLE
DEVELOPMENT
GOALS

GREAT TRANSFORMATION

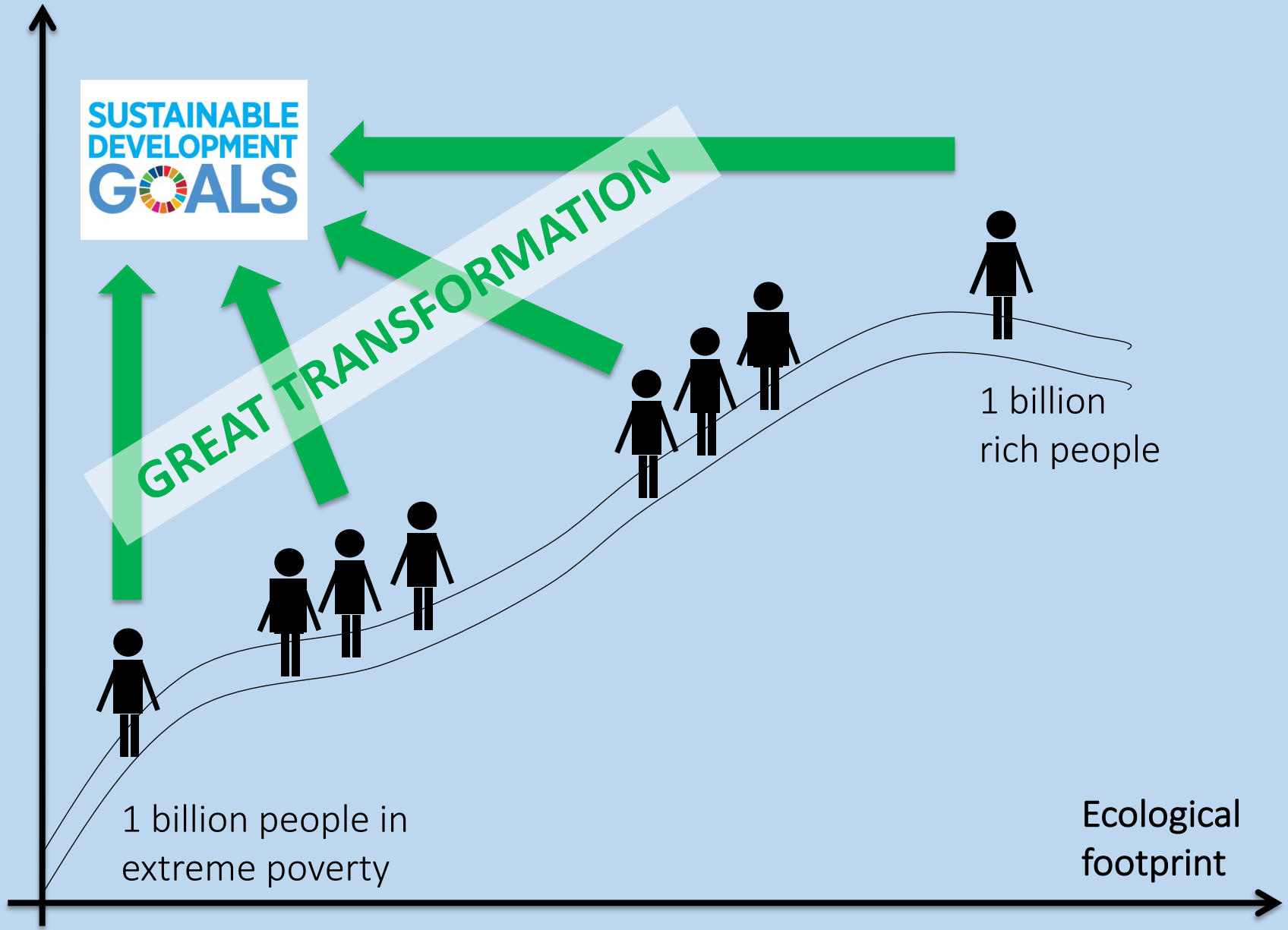


1 billion
rich people

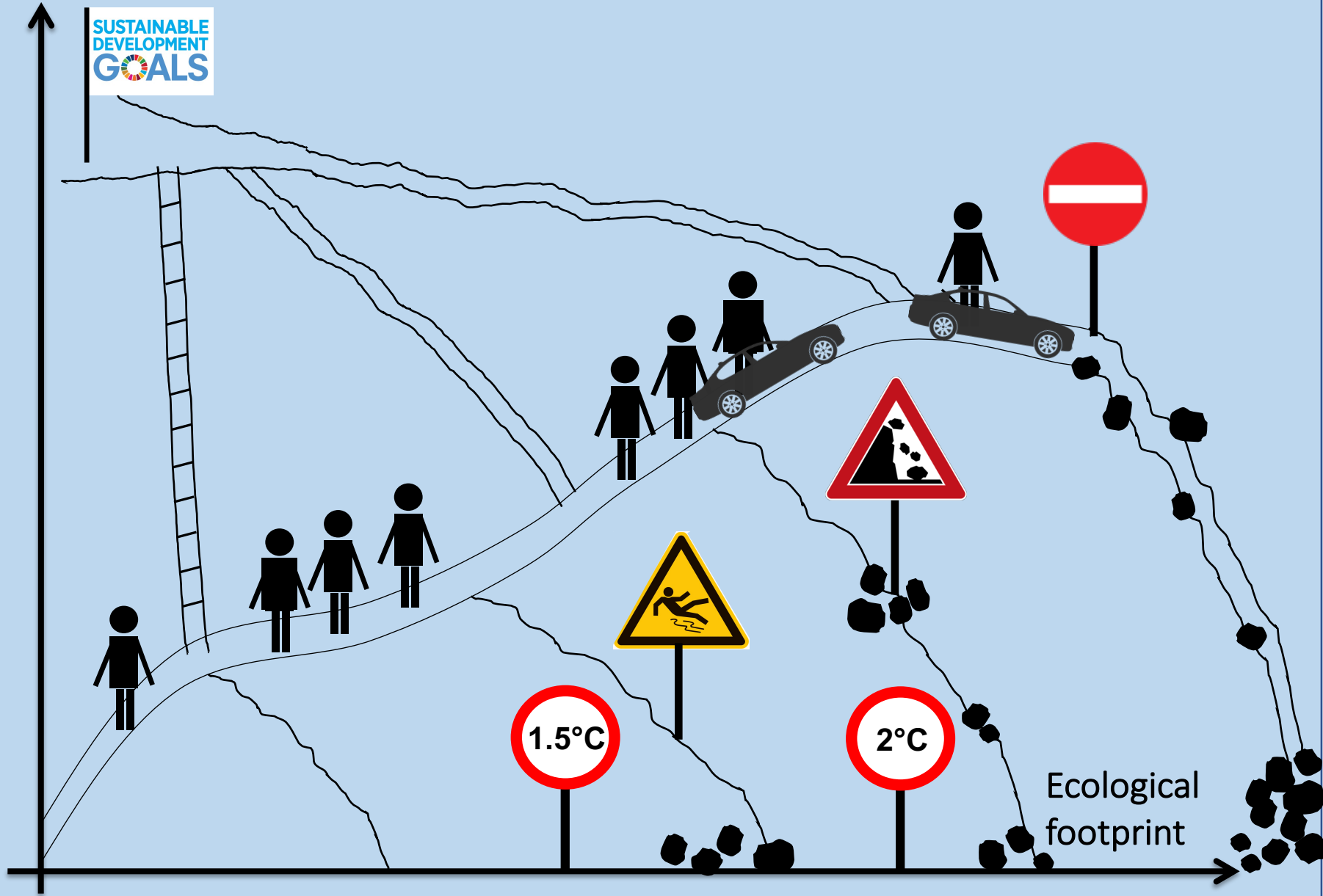


1 billion people in
extreme poverty

Ecological
footprint



Health



Ecological footprint

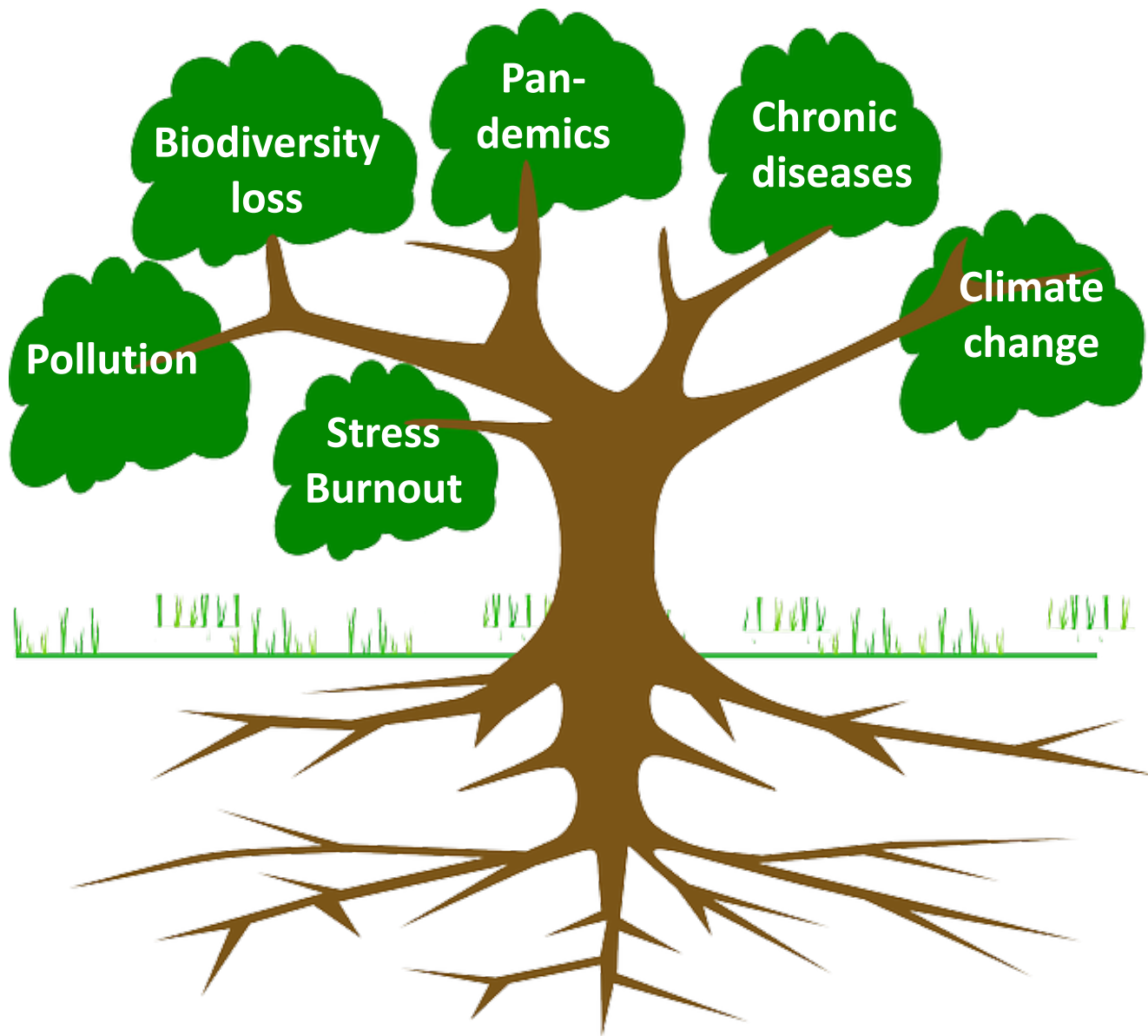
Crisis = Threat AND Opportunity

"Climate change is the biggest global health threat of the 21st century."

The Lancet 2009

"Tackling climate change could be the greatest global health opportunity of the 21st century."

The Lancet 2015



Common roots

→ Common (win-win) solutions



Source andreas160578;
<https://pixabay.com/de/photos/photovoltaik-photovoltaikanlage-2138992>



Source:
<https://sharingcitiesalliance.knowledgeowl.com/help/copenhagen>



Source: www.daserste.de/information/wissen-kultur/w-wie-wissen/ernaehrung-136.html

Planetary Health

1. Our lifestyle is making us ill and is destroying the planet.
2. Healthy people can only exist on a healthy planet.
3. We must initiate a civilizational transformation for planetary health.

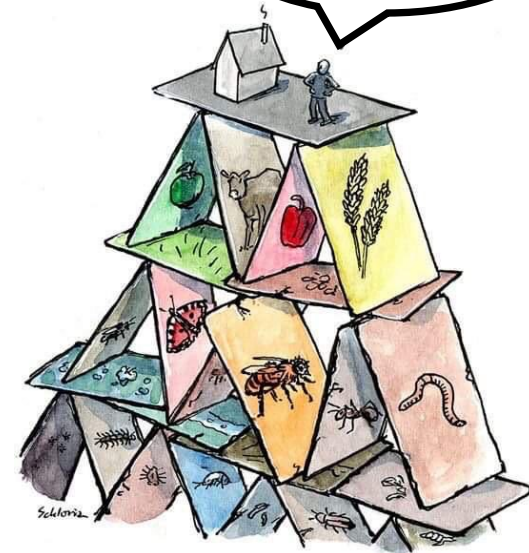


Healthy relationship
between
humans and Nature

Why should I
care about
climate stability?

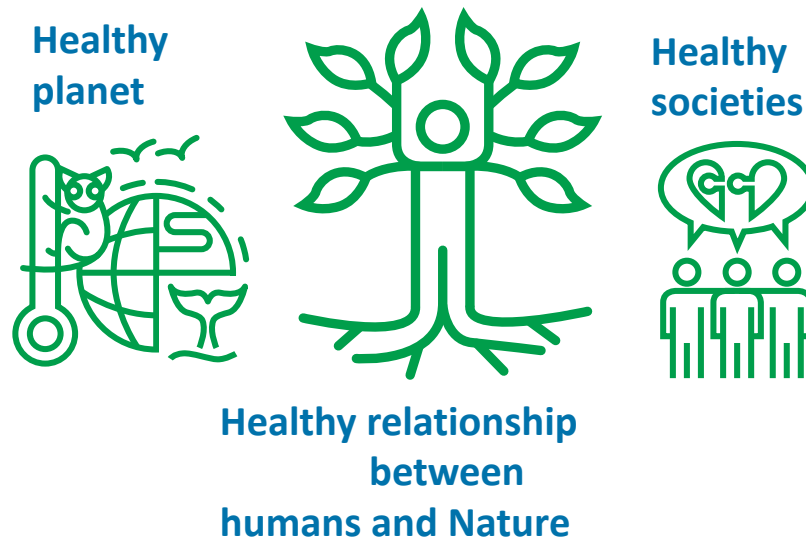


Why should I
care about
biodiversity?



Planetary Health

1. Our lifestyle is making us ill and is destroying the planet.
2. Healthy people can only exist on a healthy planet.
3. We must initiate a civilizational transformation for planetary health.



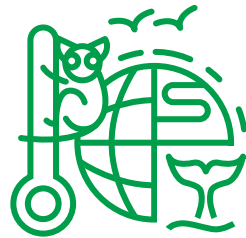
Healthy
health systems



Healthy
food systems



Healthy
planet



Healthy
societies



Healthy relationship
between
humans and Nature

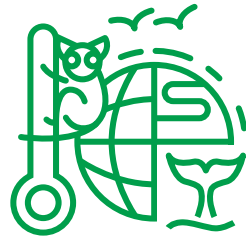
Healthy food systems



Healthy health systems



Healthy planet



Healthy living environments



Healthy relationship between humans and Nature



Healthy mobility



Healthy societies



Healthy production & consumption patterns



Healthy food systems



Healthy health systems



Healthy living environments



Healthy mobility



Healthy production & consumption patterns



Healthy planet



Healthy societies



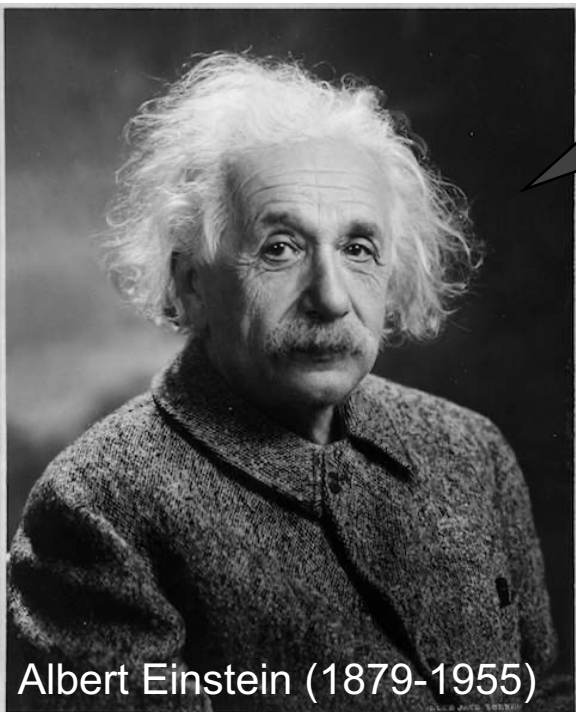
Healthy relationship between humans and Nature

Policy for planetary health



Education and science for planetary health

Problems can never be
solved with the same
mindset
that created them.



Source: Wikimedia

Albert Einstein (1879-1955)

Great Transformation

WBGU

WBGU

German Advisory Council on Global Change

Flagship Report

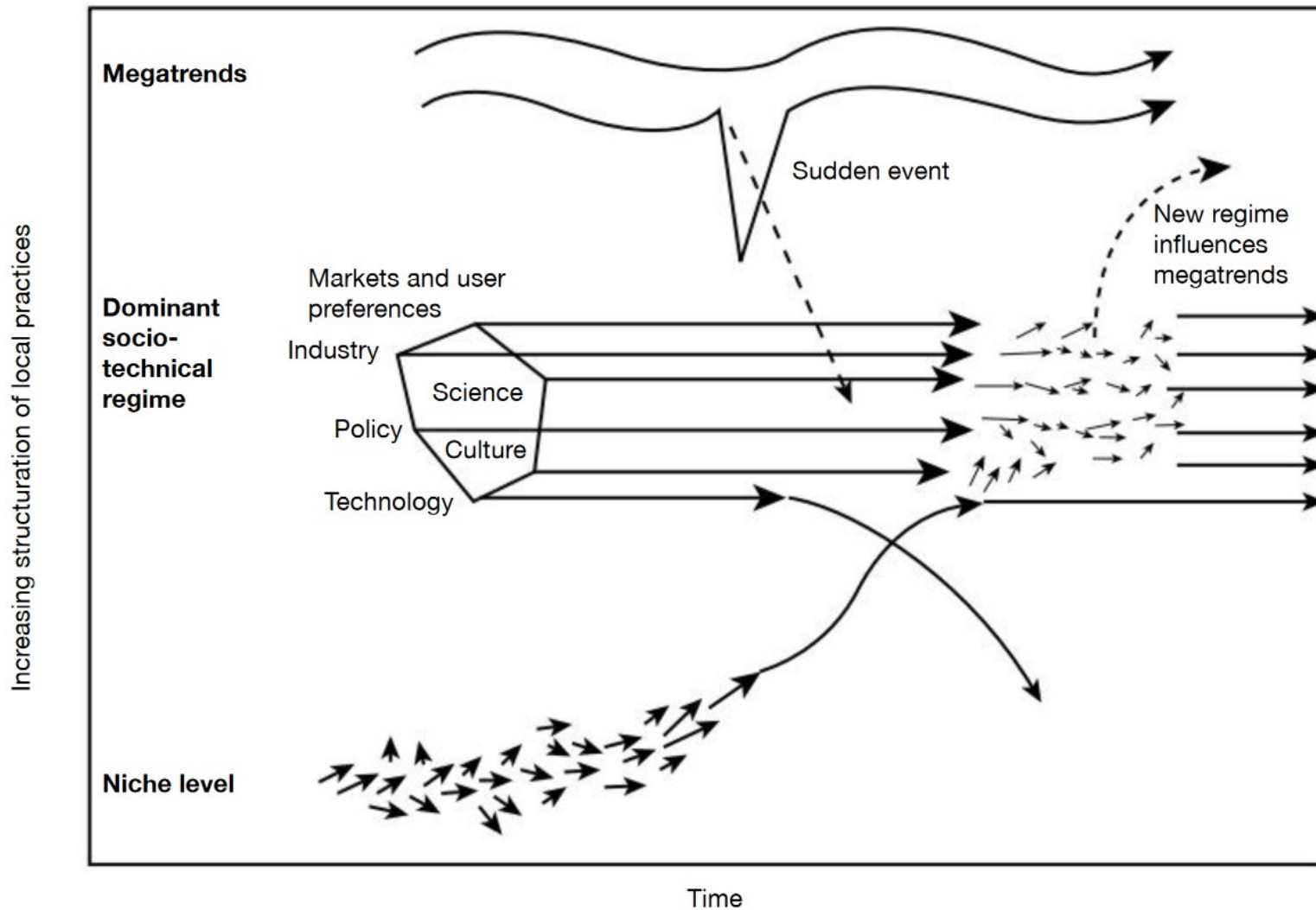
World in Transition
A Social Contract for
Sustainability

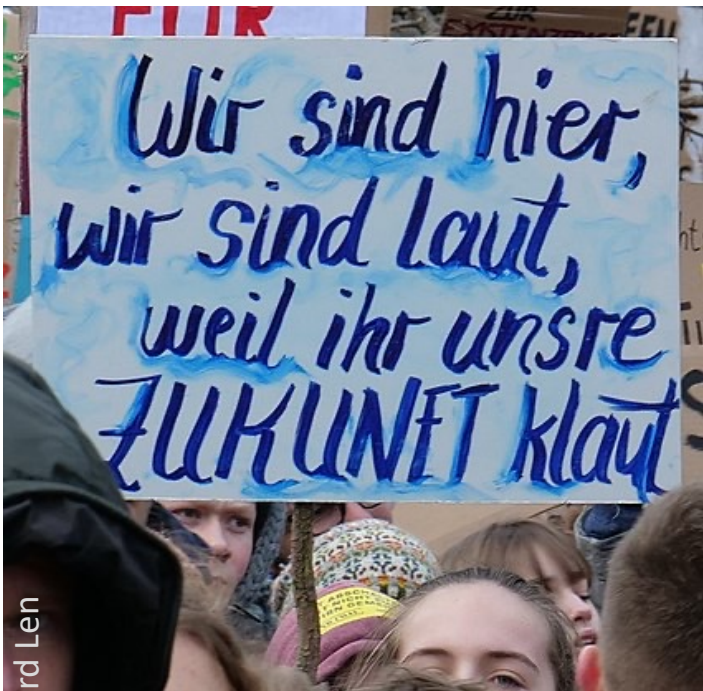


THE GREAT TRANSFORMATION

CLIMATE — CAN WE BEAT THE HEAT?





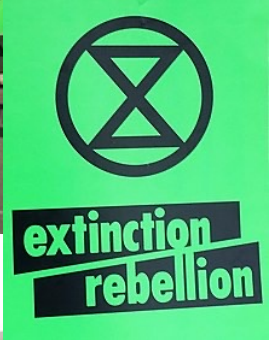


Quelle: Leonhard Len

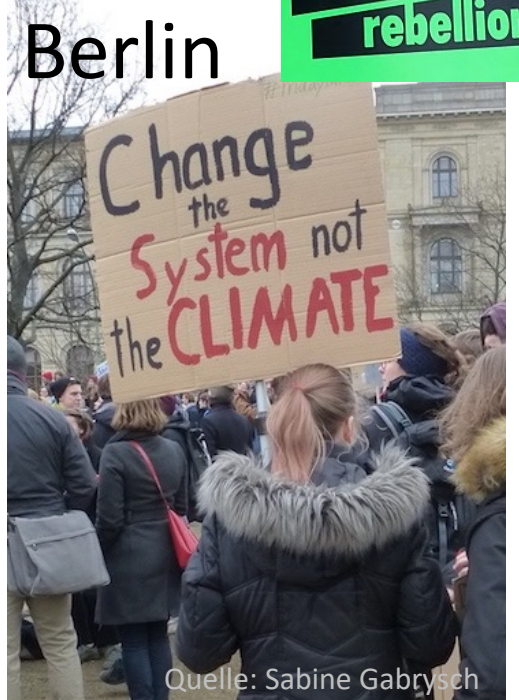


London

Quelle: Thomas Katan



Quelle: Public Domain



Berlin

Quelle: Sabine Gabrysch

www.klimawandel-gesundheit.de

<https://healthforfuture.de/>



Charité Berlin, Climate strike, 20 Sept 2019. Source: Dominik Butzmann

WHO MANIFESTO

**Prescriptions and Actionables for
a Healthy and Green Recovery**

FROM COVID-19



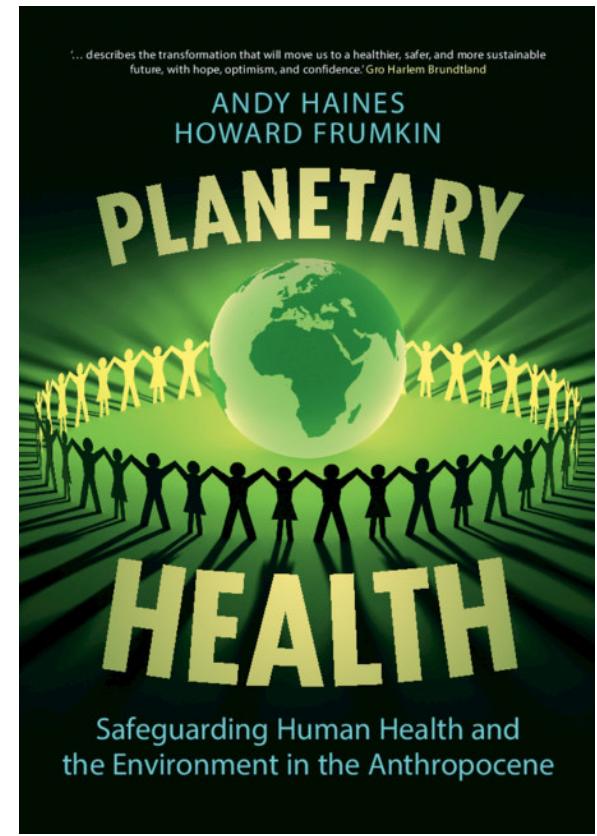
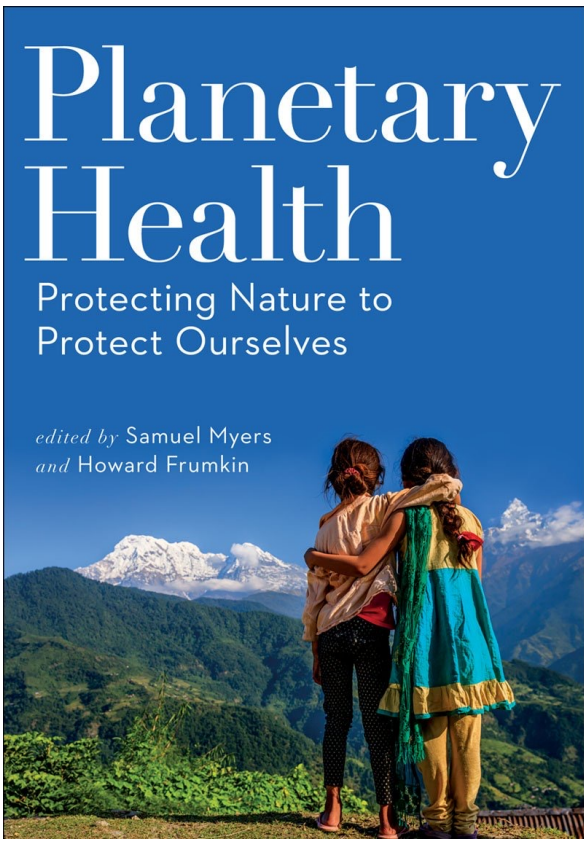
**World Health
Organization**

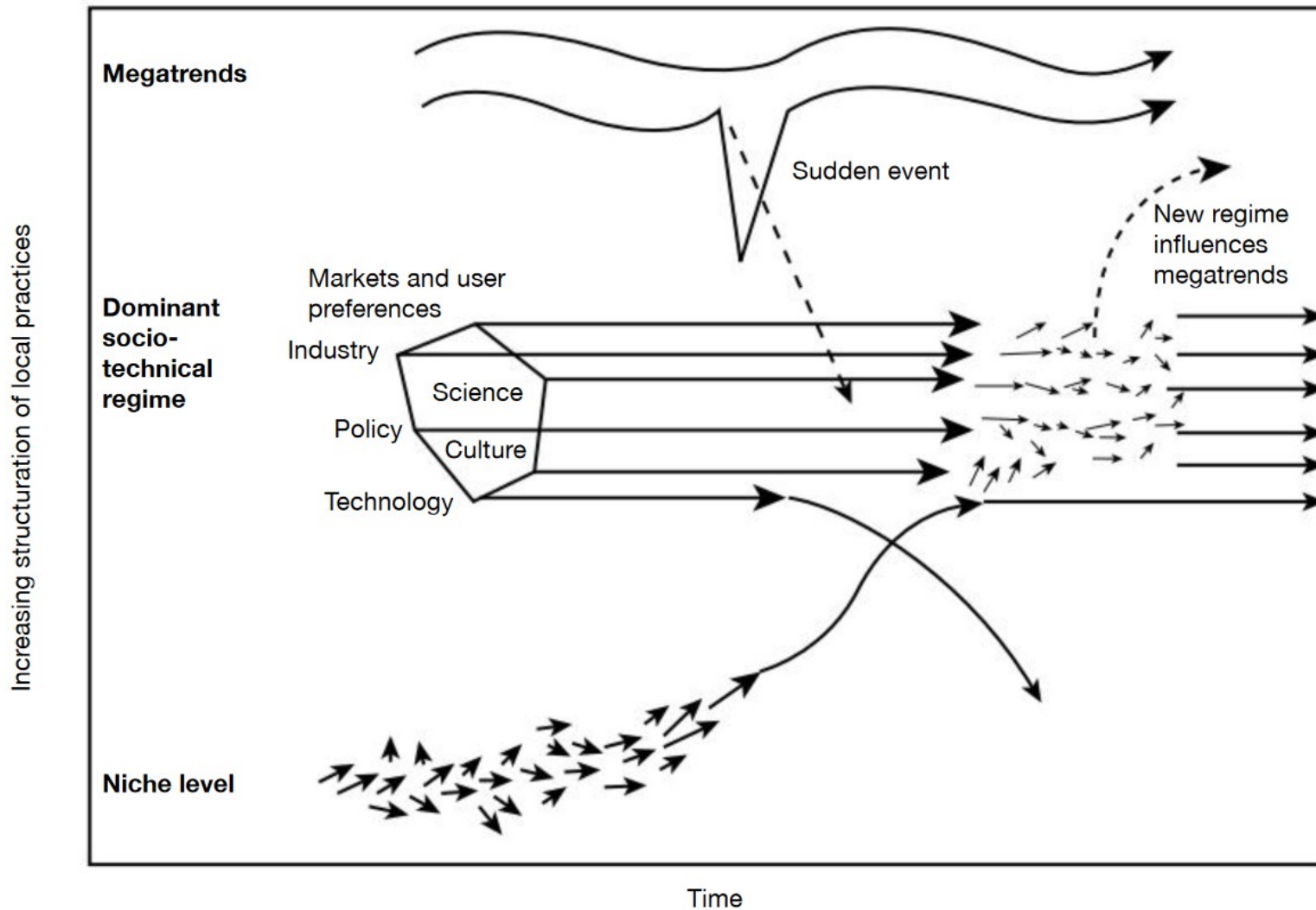


Given the **interconnected nature** of climate change, loss of biodiversity, land degradation, and air and water pollution, it is essential that these problems are **tackled together**.

Human well-being, now and in the future, depends on a **healthy planet**.

Transforming humankind's **relationship with nature** is the key to a sustainable future.





Planetary Health: What we need to talk about

The COVID-19 pandemic has shown us how vulnerable we are and how closely connected we are with Nature. Health cannot be taken for granted. Do we take the prerequisites for healthy living seriously enough? Or are we, as a civilization, systematically jeopardizing our health?

Healthy people as part of a healthy planet Earth

In recent decades, as prosperity has increased, human health has improved worldwide; yet not everyone has benefited. In poorer population groups, infectious diseases and maternal and child mortality still cause a great deal of avoidable suffering. Increasingly, however, the gains in prosperity are themselves having a negative impact on health: on the one hand as 'too much of a good thing' through the overconsumption of food and the displacement of physical activity from everyday life, on the other as harmful side effects in the form of air pollution and environmental toxins. As a result, lifestyle diseases such as overweight, diabetes, cardiovascular and respiratory diseases are on the rise worldwide.

Last but not least, our resource-intensive way of life, with its immense emissions of greenhouse gases, the destruction of natural habitats and increasing pollution of land and sea, has led

to a planetary crisis. It threatens the natural life-support systems on Earth and thus the health of all people. Heat waves, disastrous floods and pandemics drastically demonstrate to us that our society is dependent on functioning ecosystems and a stable climate. The planetary crisis could furthermore threaten the cohesion of our societies and overburden healthcare systems.

But the crisis also gives us an opportunity to rethink our idea of prosperity and progress, to break habits and make our societies fairer, more sustainable and healthier. Because the increasing environmental and health problems often have common roots, synergies can be found in approaches to solving them. We are at a crossroads. Society, business and politics must assume responsibility and initiate a comprehensive transformation that leads to healthy human life on a healthy planet.

The WBGU is currently working on the interconnections between health and global environmental change and would like to put forward three assertions and ten sets of questions for discussion.

- 1 Our lifestyle is making us ill and is destroying the planet.
- 2 Healthy people can only exist on a healthy planet.
- 3 We must initiate a civilizational transformation for planetary health.



Planetary Health: What we need to talk about

German Advisory Council on Global Change

▶

Planetary Health:
What we need to talk about

#TalkAboutPlanetaryHealth

Ansehen auf
YouTube

www.wbgu.de/discussionpaper-health

→ FYI: German launch: 2 Feb 2022, 3pm

Additional information

- > WBGU discussion paper on Planetary Health:
www.wbgu.de/en/publications/publication/discussionpaper-health
 - > WBGU newsletter registration to keep up to date:
<https://www.wbgu.de/en/service/newsletter-registration>
 - > Press contact, comments and suggestions to: Benno Pilardeaux
bpilardeaux@wbgu.de
 - > Slides licence (free to use with attribution and indicated changes):
CC BY-SA 4.0; <https://creativecommons.org/licenses/by-sa/4.0/>
 - > Further talks and resources by Sabine Gabrysch:
www.pik-potsdam.de/members/gabrysch
-