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22 November 2023





POTSDAM INSTITUTE FOR
CLIMATE IMPACT RESEARCH



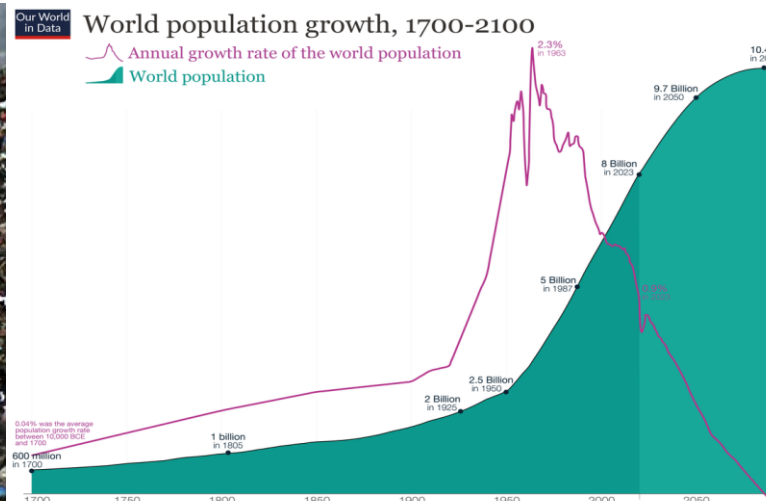
Norwegian
Business School

Stockholm
Resilience Centre



Funding: **Angela Wright Bennett Foundation**,
the **Generation Foundation**, the **Global Challenges Foundation**,
the **Laudes Foundation & Partners for a New Economy**.

Compared with 50 years ago, today we have all the solutions to most major global challenges but...

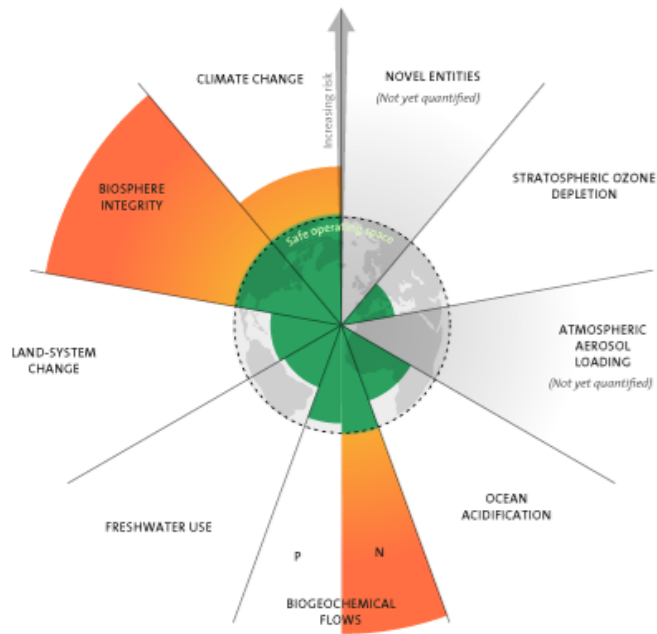


Data sources: Our World in Data based on HYDE, UN, and UN Population Division [2022 Revision]. This is a visualization from OurWorldinData.org, where you find data and research on how the world is changing. Licensed under CC-BY by the authors Max Roser and Hannah Ritchie.

The dominant economic model is **destabilising societies**.
And the **planet**. This is an existential risk.

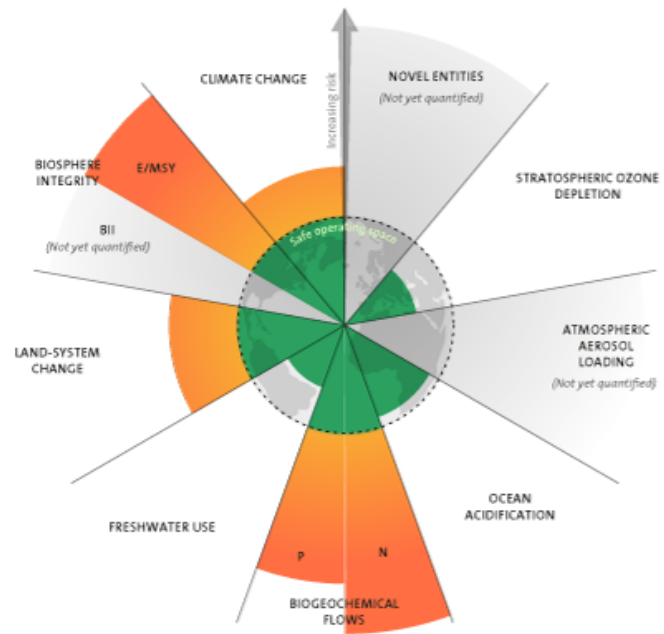


2009



3 boundaries crossed

2015



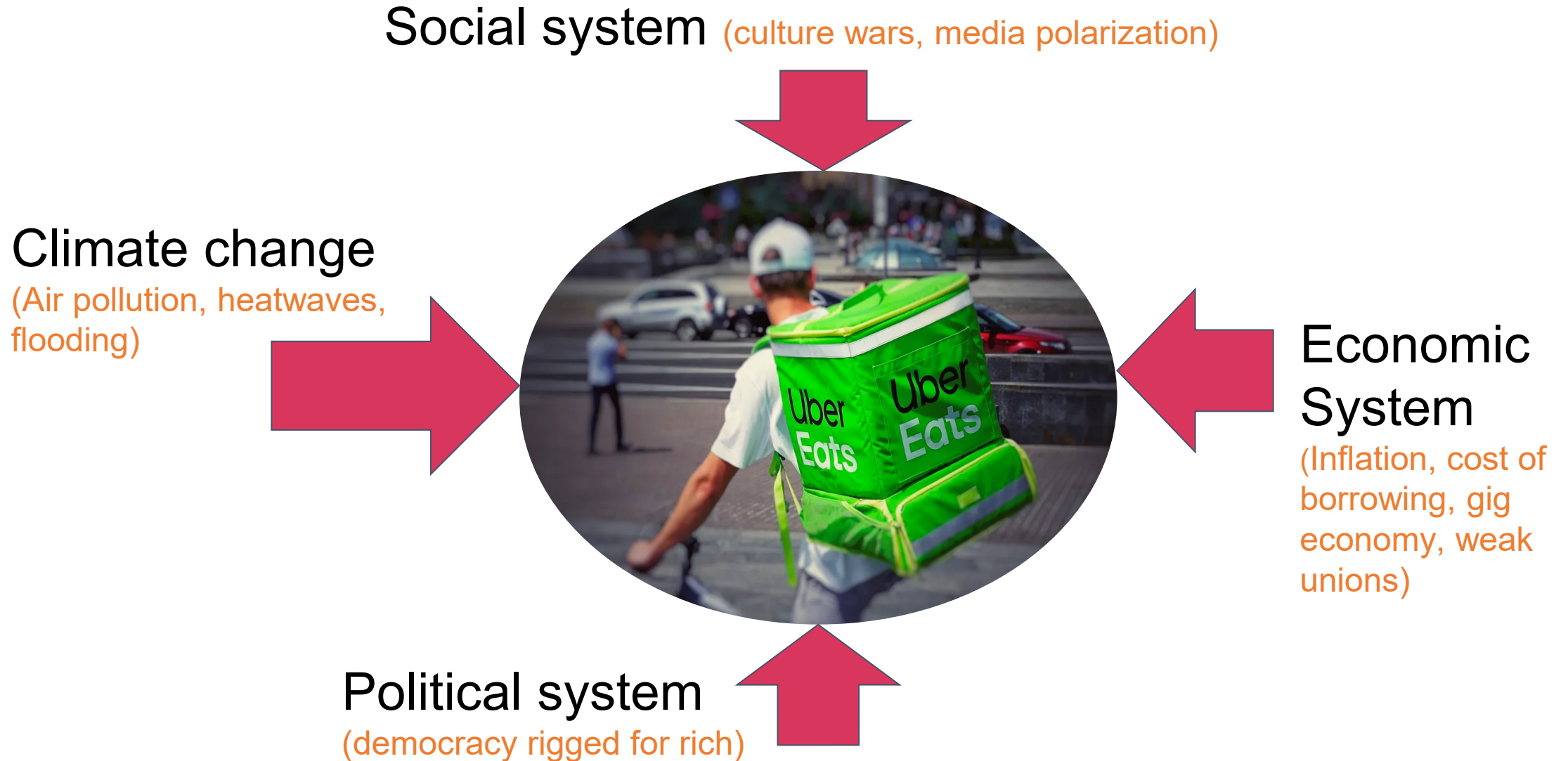
4 boundaries crossed

2023

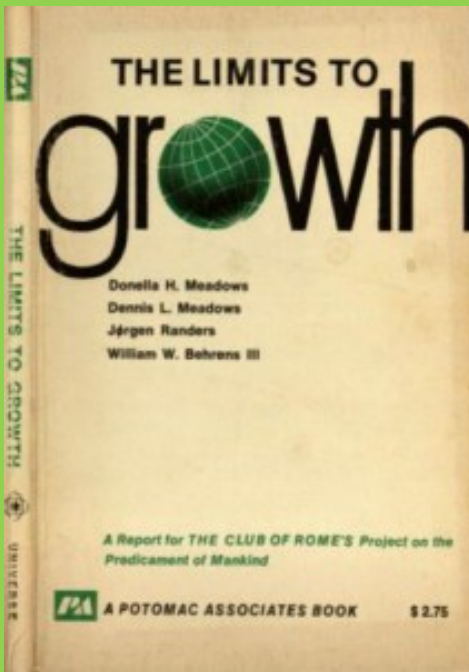


6 boundaries crossed

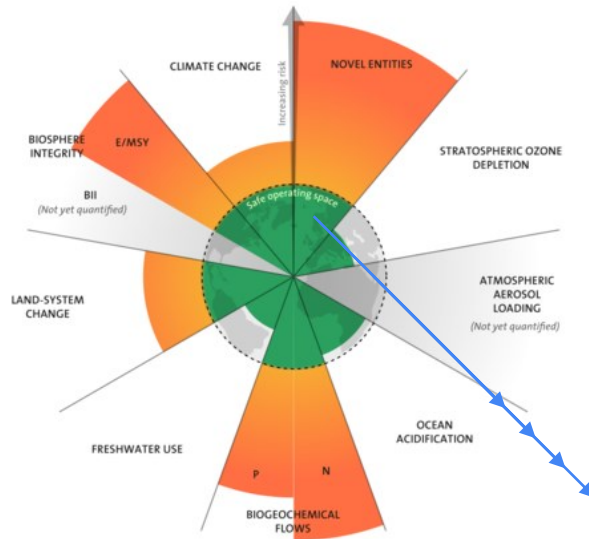
Systemic economic insecurity



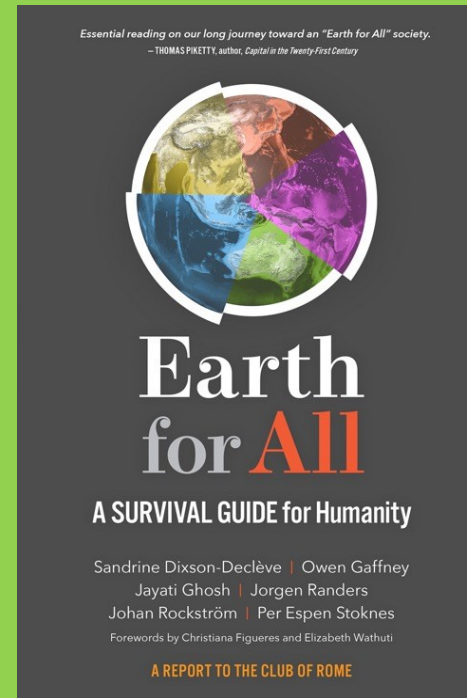
1972



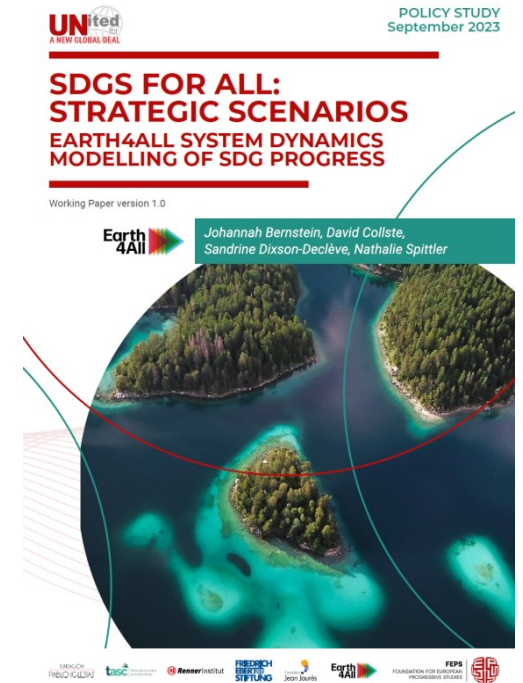
2009



2022



2023



We have modelled two possible scenarios

Too little, too late

What if societies continue at a similar pace as today, making incremental progress? Will Earth cross irreversible tipping points for future generations to deal with? Will inequality create further societal instabilities?

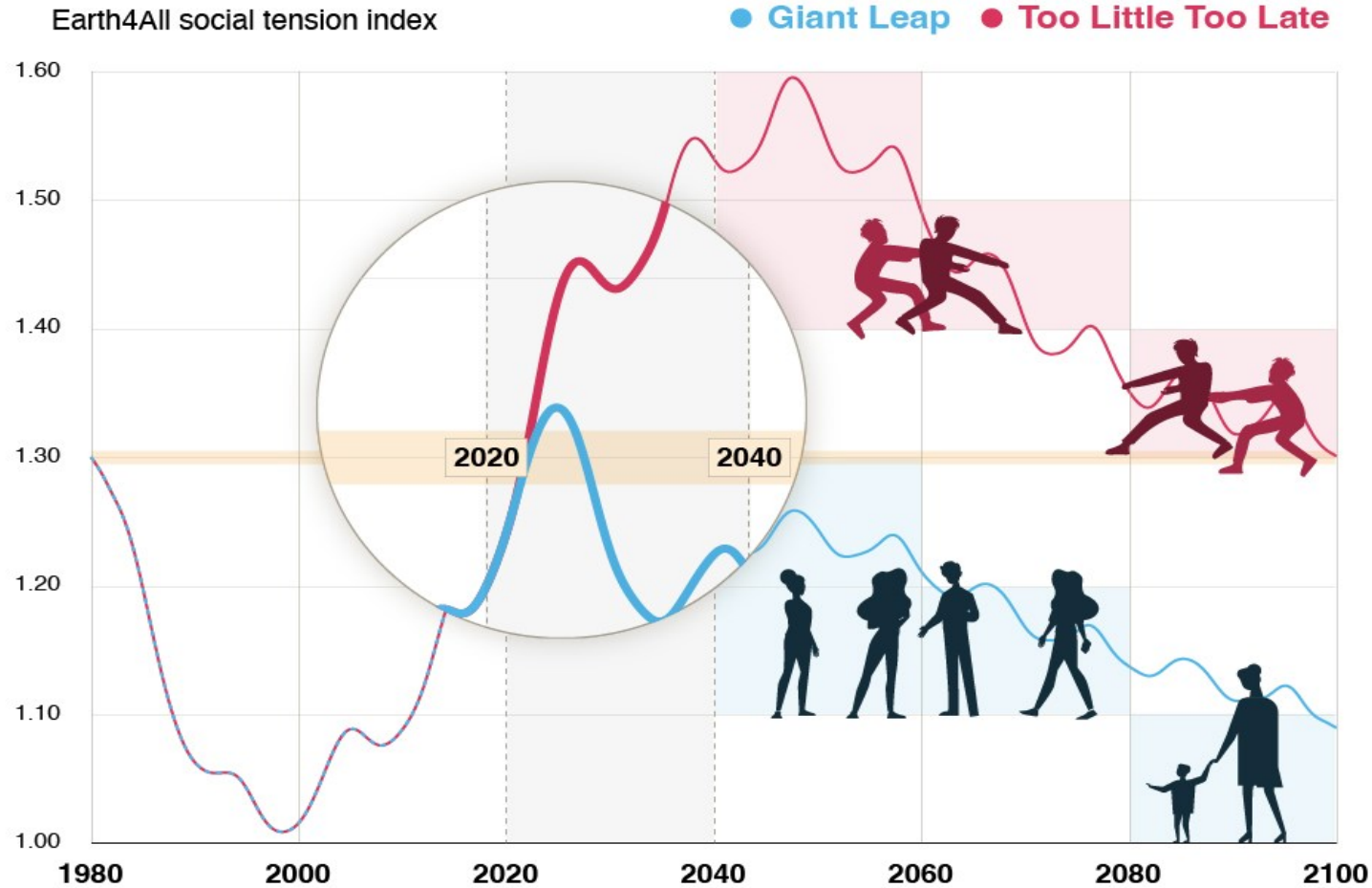


Giant leap

What if the world goes all in to implement Earth4All's five extraordinary turnarounds? Will Earth stabilise? Can we lift all out of poverty and feed 10 billion people a healthy diet? Will societies cooperate more to solve global challenges?



Reduced **social tension** by 2030 if we take a **Giant Leap**

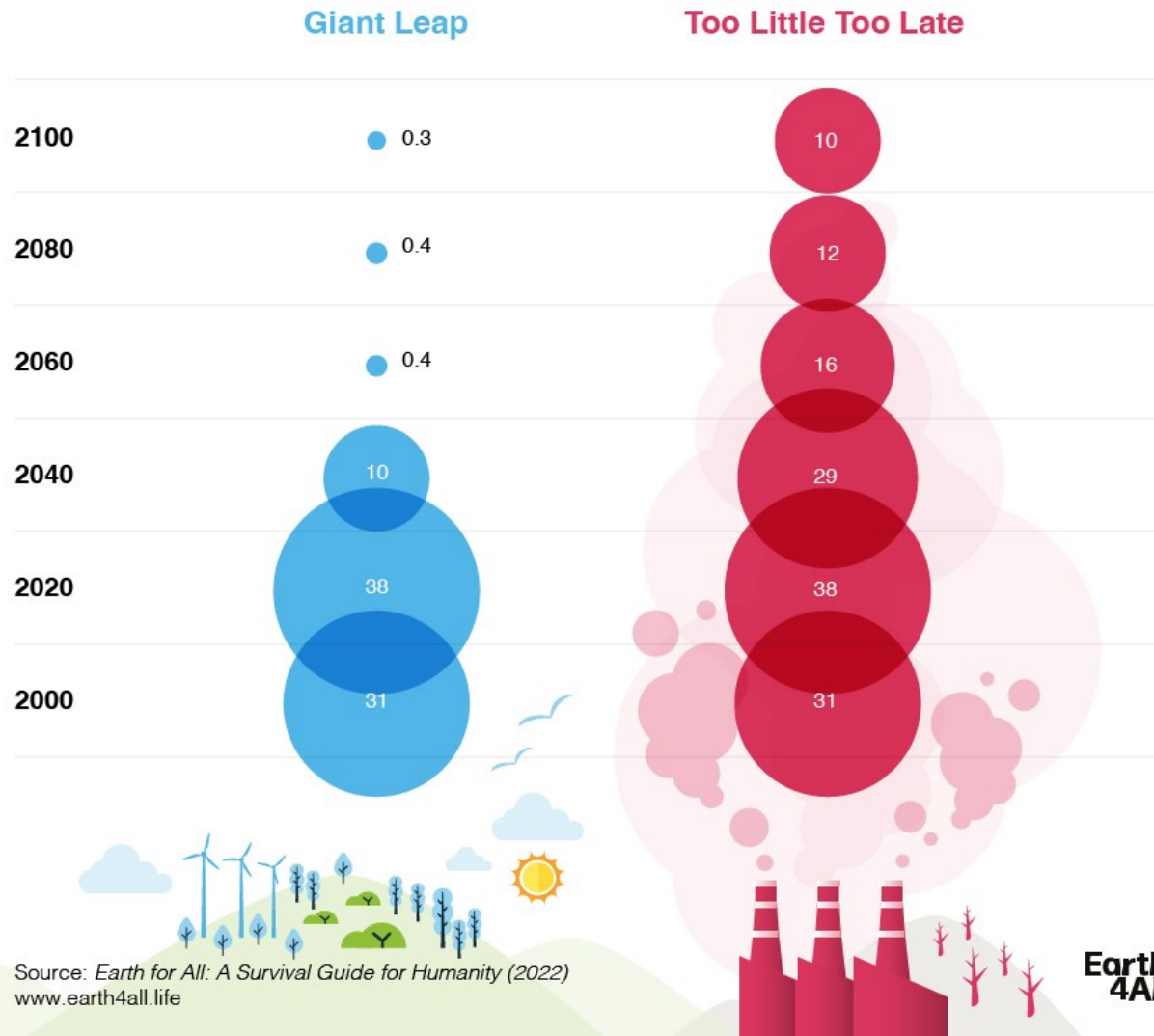


Footnote: The Earth4All social tension index measures the inverse of people's perceived rate of progress, defined as the rate of change in the Earth4All Wellbeing Index.

Source: *Earth for All: A Survival Guide for Humanity* (2022)
www.earth4all.life

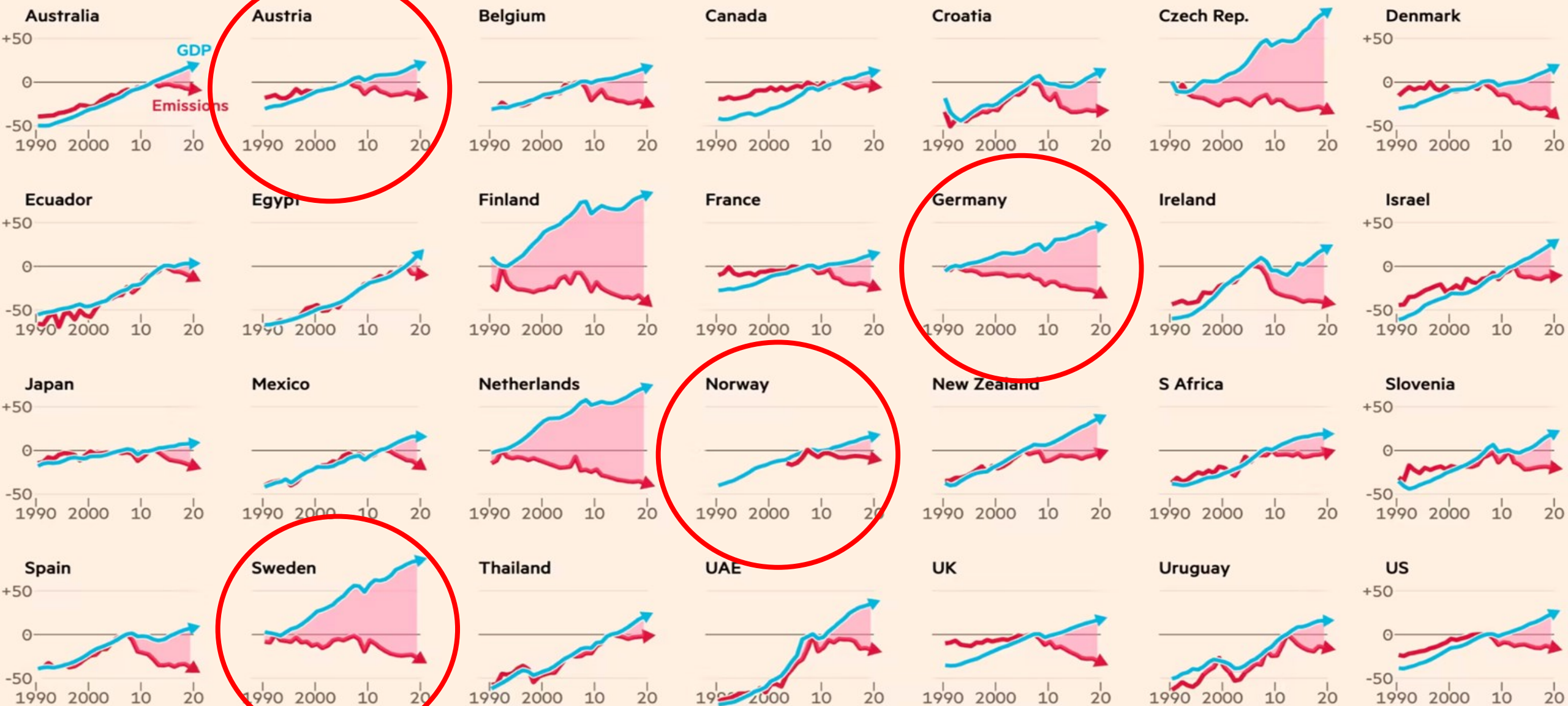
Greatly reduced **emissions** with a **Giant Leap**

CO2 emissions from energy and industry (GtCO₂/y)



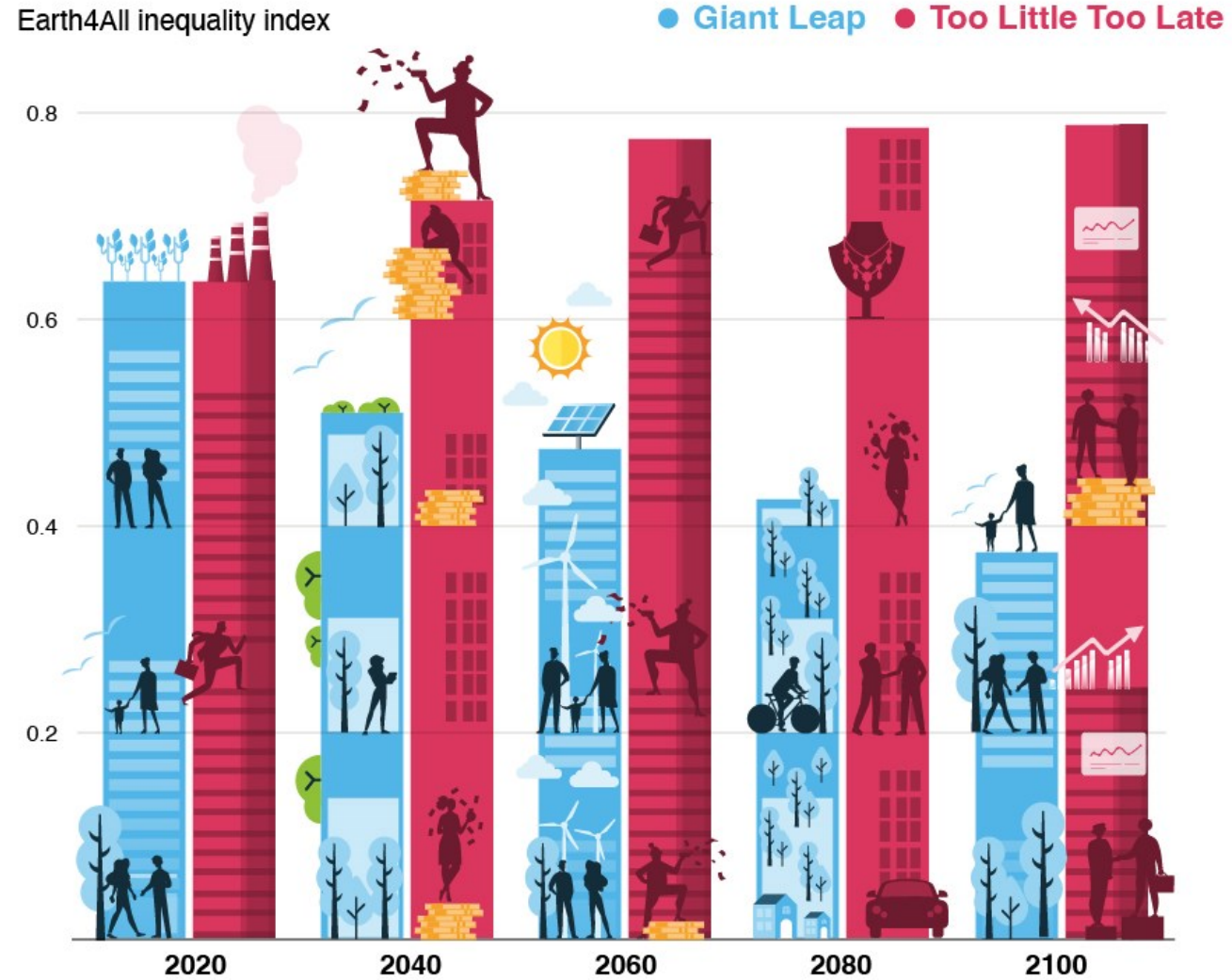
Dozens of countries are now seeing a steady decline in CO2 emissions alongside economic growth

Recent trend in emissions and GDP, expressed as % change since divergence began



*All monetary values in constant 2017 PPPs. Emissions adjusted for offshoring of carbon-intensive products consumed domestically
Source: FT analysis of data from Gapminder, Our World in Data, World Bank
FT graphic: John Burn-Murdoch / @jburnmurdoch
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A world with less **inequality** with a **Giant Leap**



Footnote: The Earth4All inequality index measures the relative size of workers' incomes in relation to the incomes of capital owners in the Earth4All model.

Global **poverty** would be drastically reduced by 2050 with a **Giant Leap**

Millions of people below \$6.85 per day

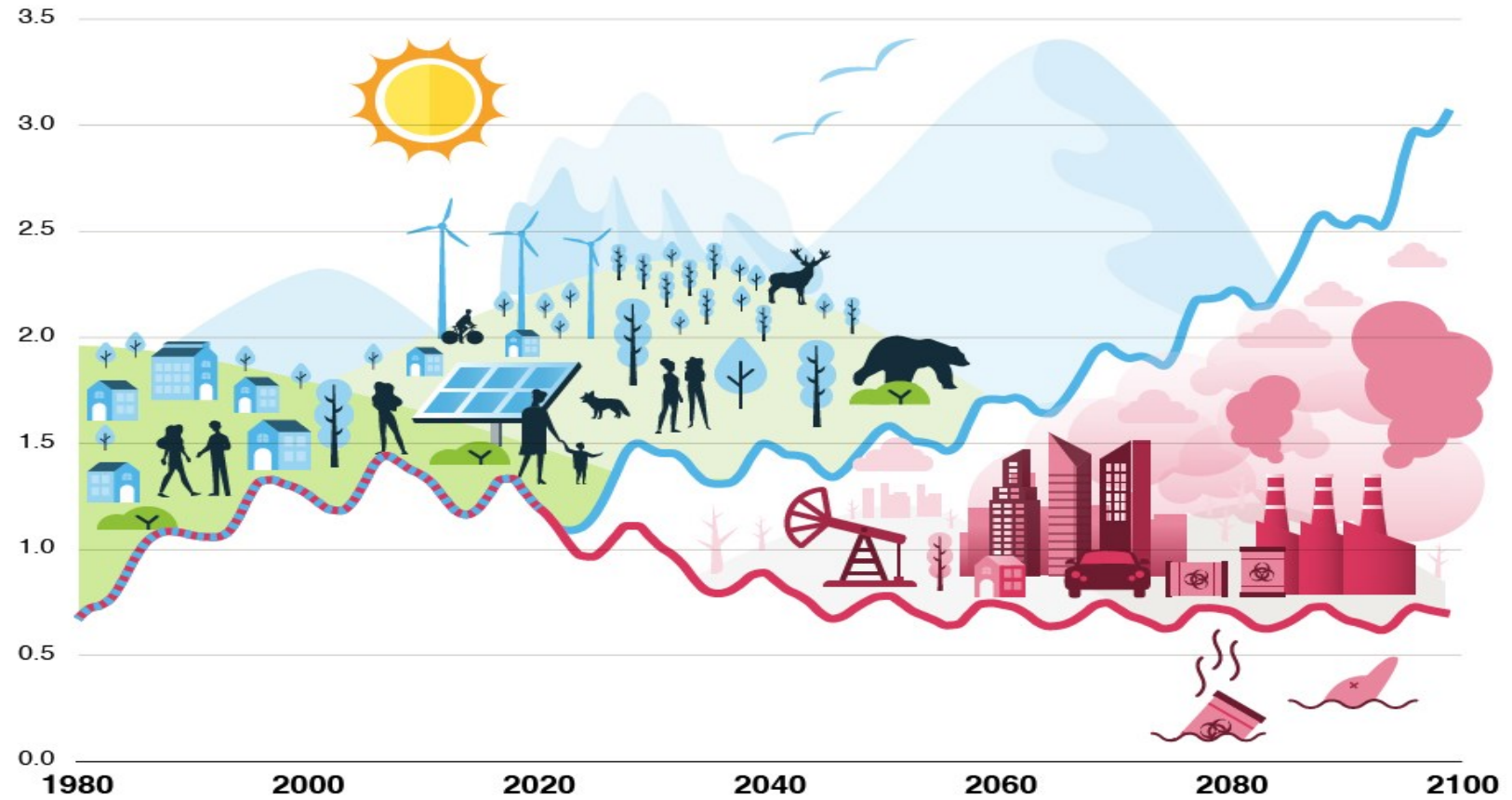
● **Giant Leap** ● **Too Little Too Late**



Achieving **wellbeing** for all with a **Giant Leap**

Earth4All wellbeing index

● **Giant Leap** ● **Too Little Too Late**



Footnote: The Earth4All wellbeing index is inspired by the Wellbeing Economy Alliance's framework and includes measurements for dignity, nature, institutions, fairness and inequality, and citizen participation.

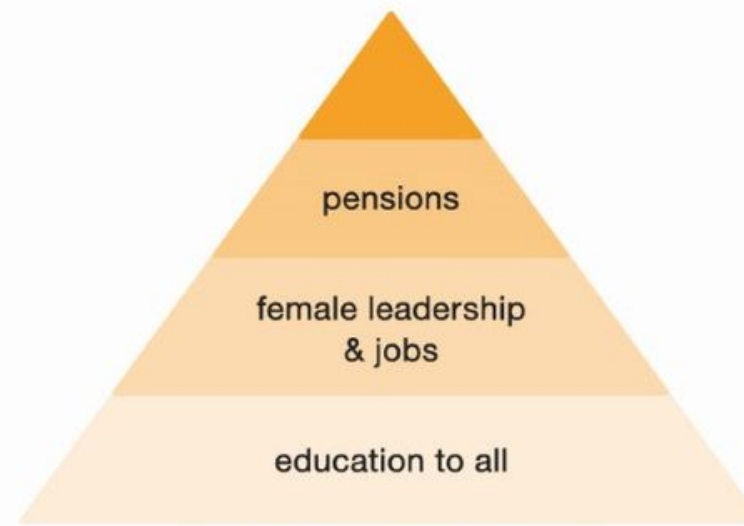
Source: *Earth for All: A Survival Guide for Humanity* (2022)
www.earth4all.life



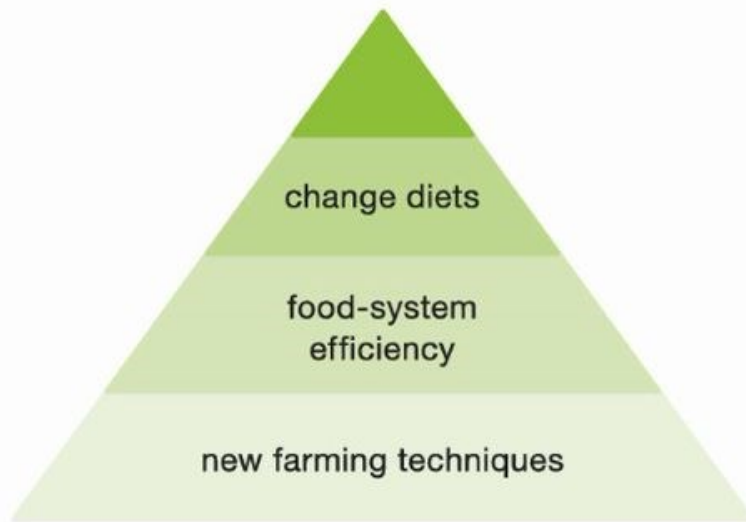
POVERTY



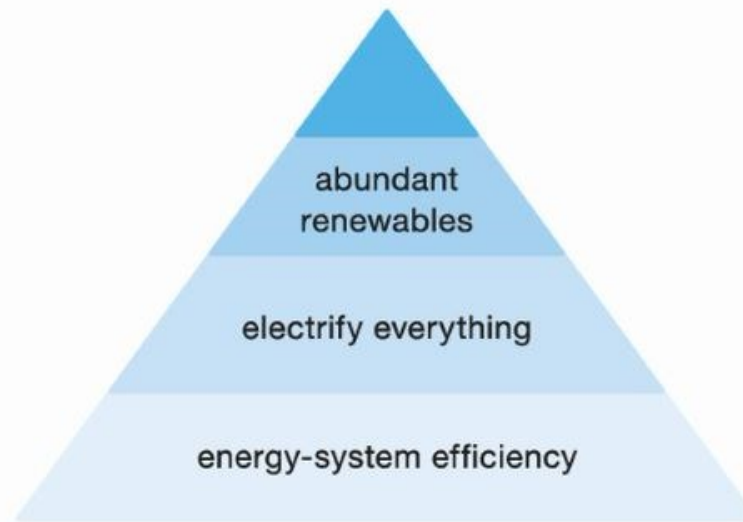
INEQUALITY



EMPOWERMENT



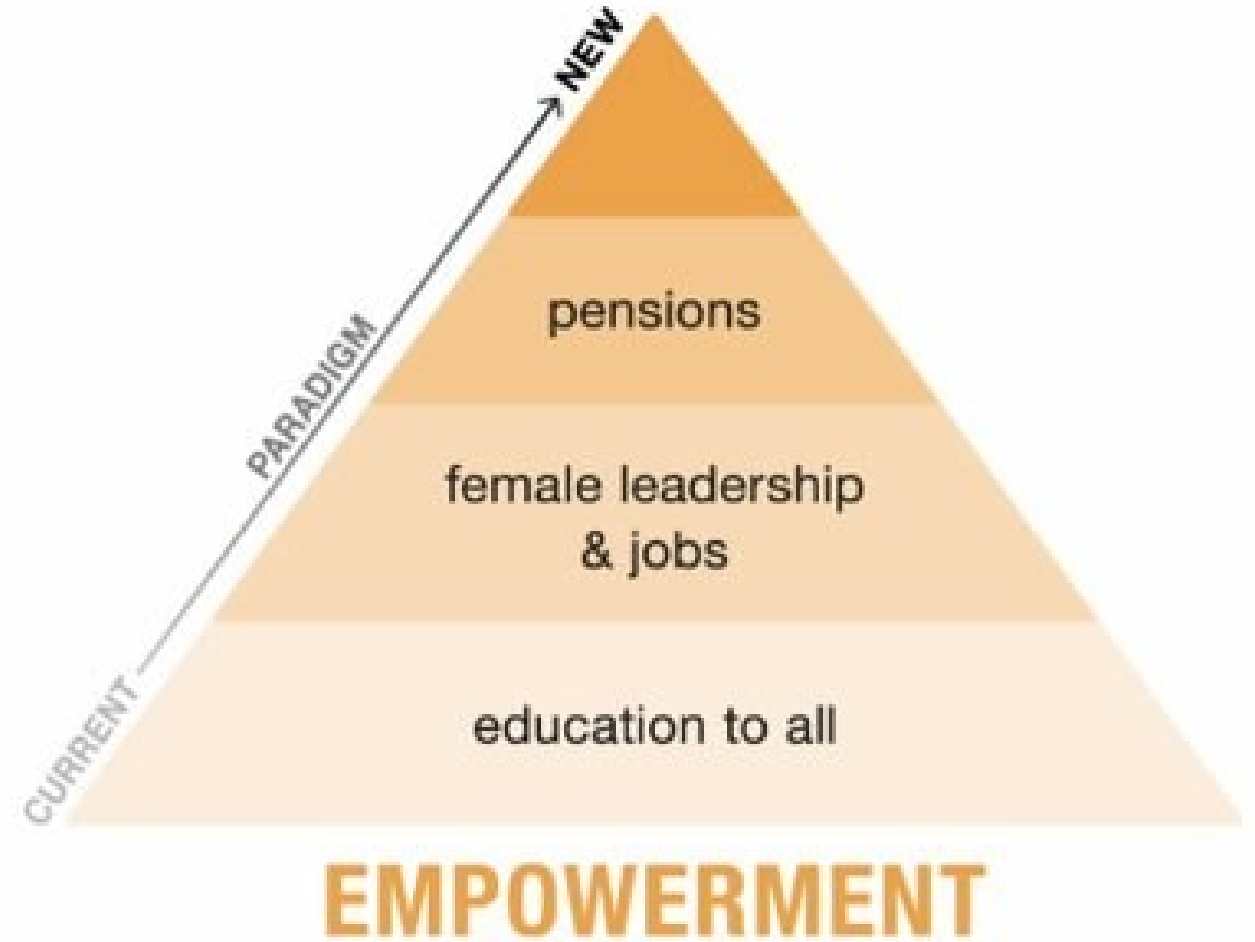
FOOD



ENERGY

The EMPOWERMENT turnaround

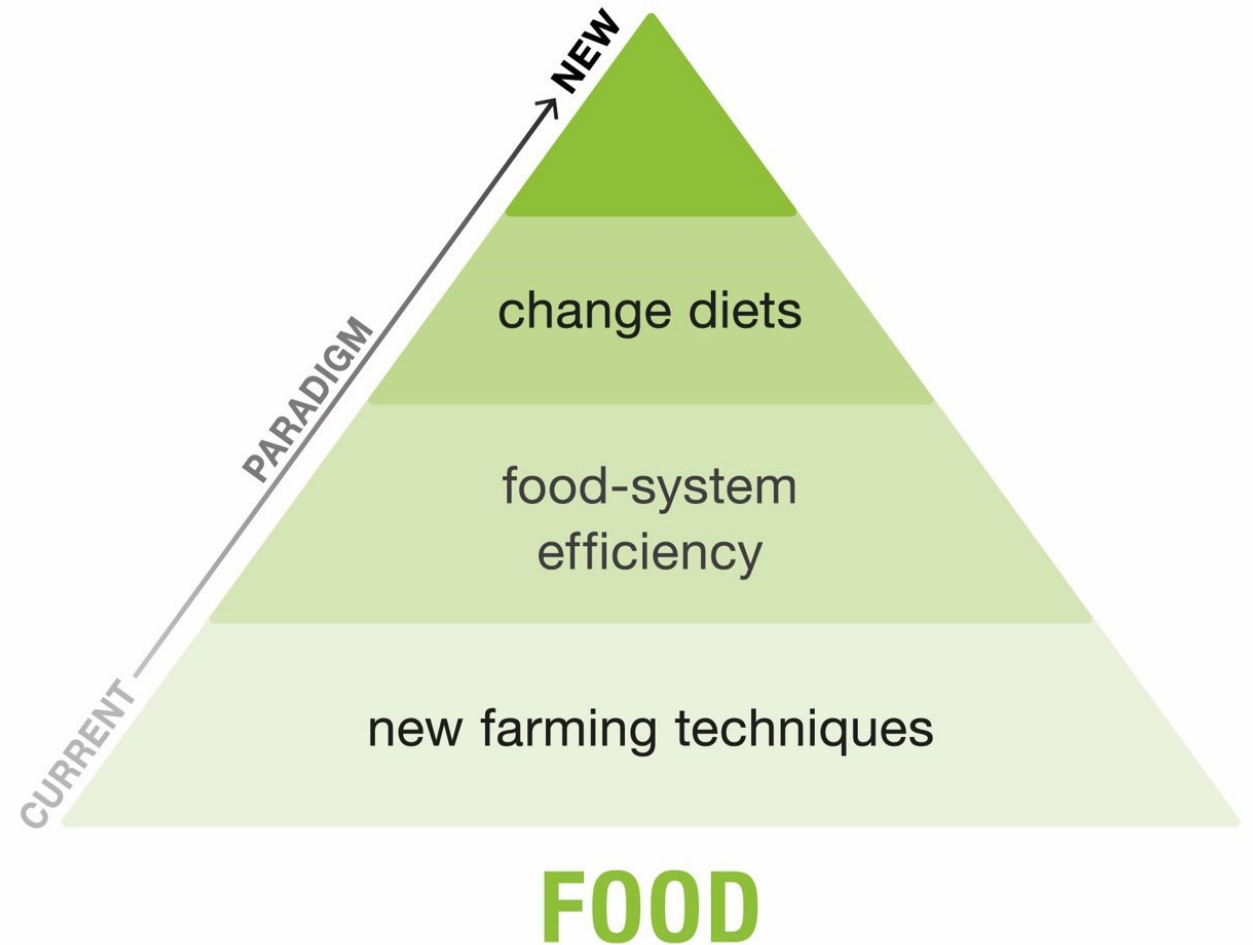
Transform gender power imbalances. EMPOWER WOMEN and invest in education for all.



+1 trn\$/yr to secure equal educ.&jobs

The FOOD turnaround

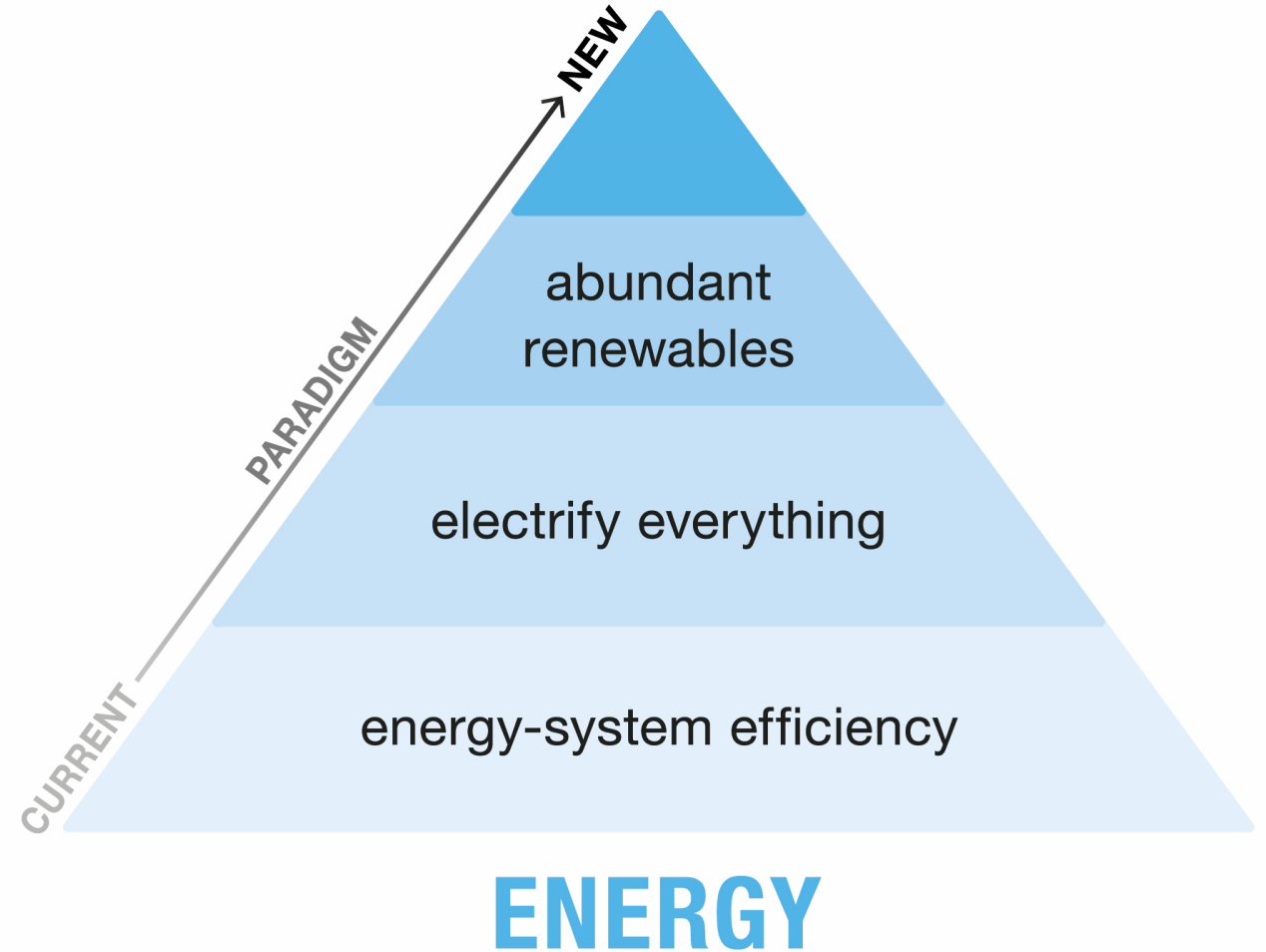
Transform agriculture. The FOOD SYSTEM must become regenerative and nature positive.



~1 trn\$/yr shift subsidies + new investments

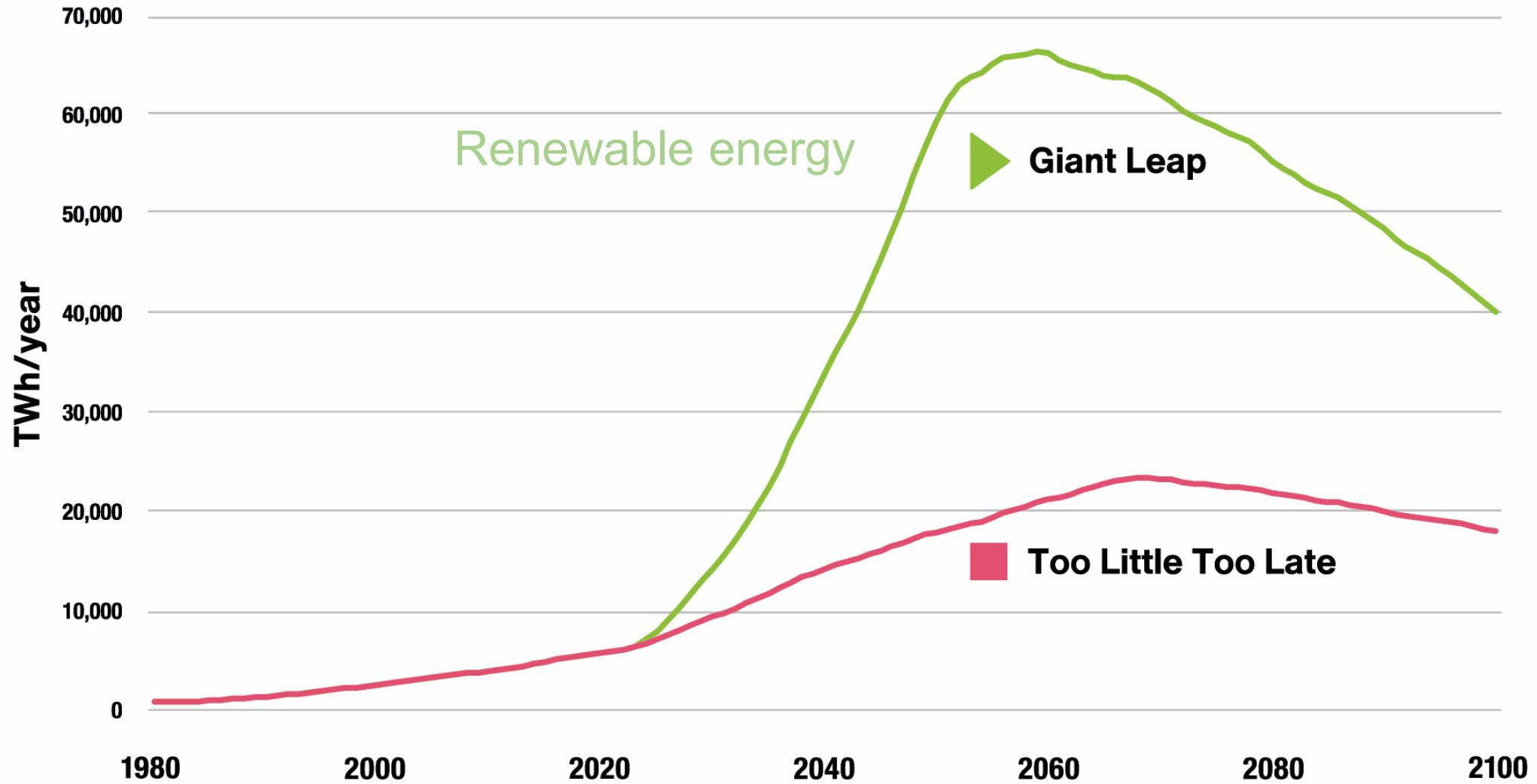
The ENERGY turnaround

Transform ENERGY SYSTEMS to halve emissions of greenhouse gases every decade.



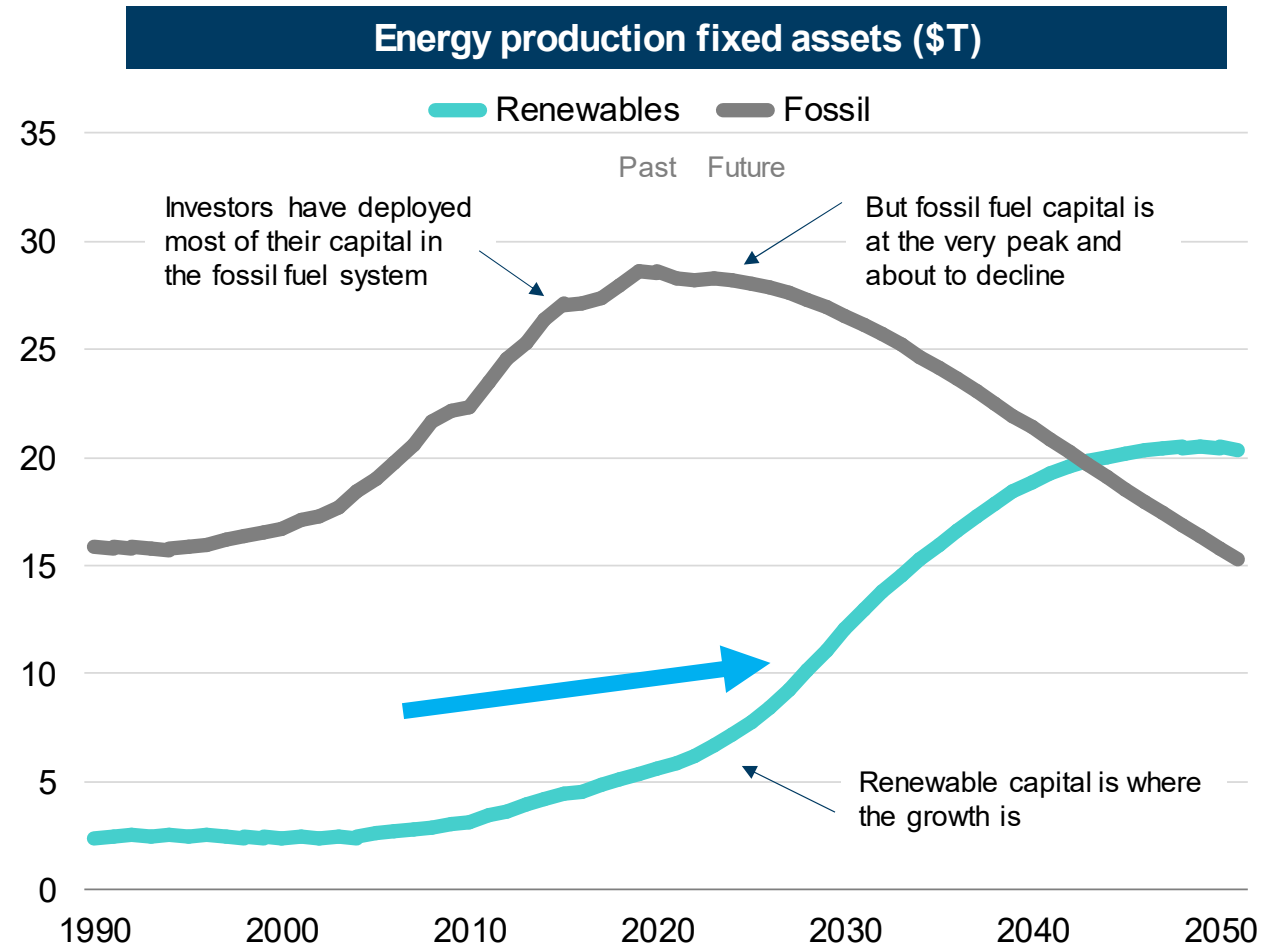
Triple investments in clean energy & renewables

The ENERGY turnaround



Renewable energy assets is where the *growth* is

- Today's investors already have massive exposure to the current fossil system
- When banks realize the degree of risk in fossils, all will try to sell at the same time; this may be a classic Minsky moment like 2008.
- Invest in disruptors building new industries in both energy supply, storage and usage.

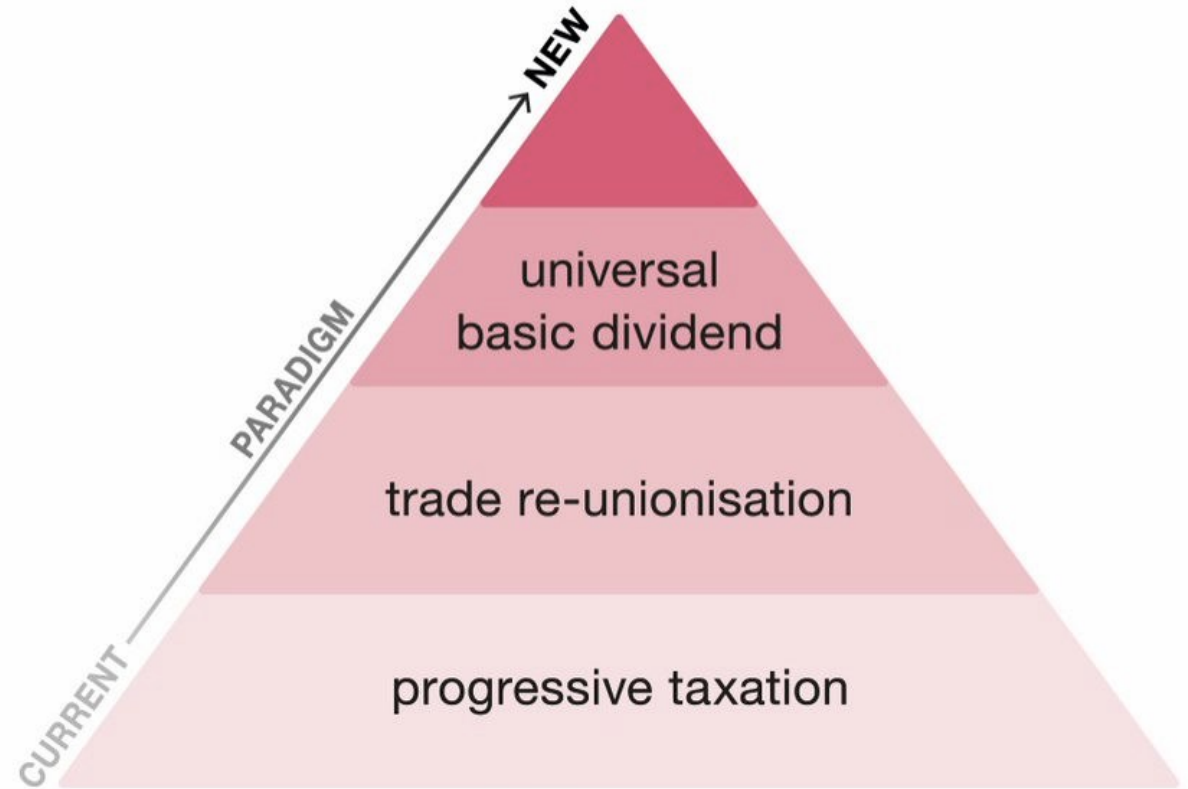


The INEQUALITY turnaround

Transform WEALTH DISTRIBUTION by ensuring the wealthiest 10% have no more than 40% of national income.



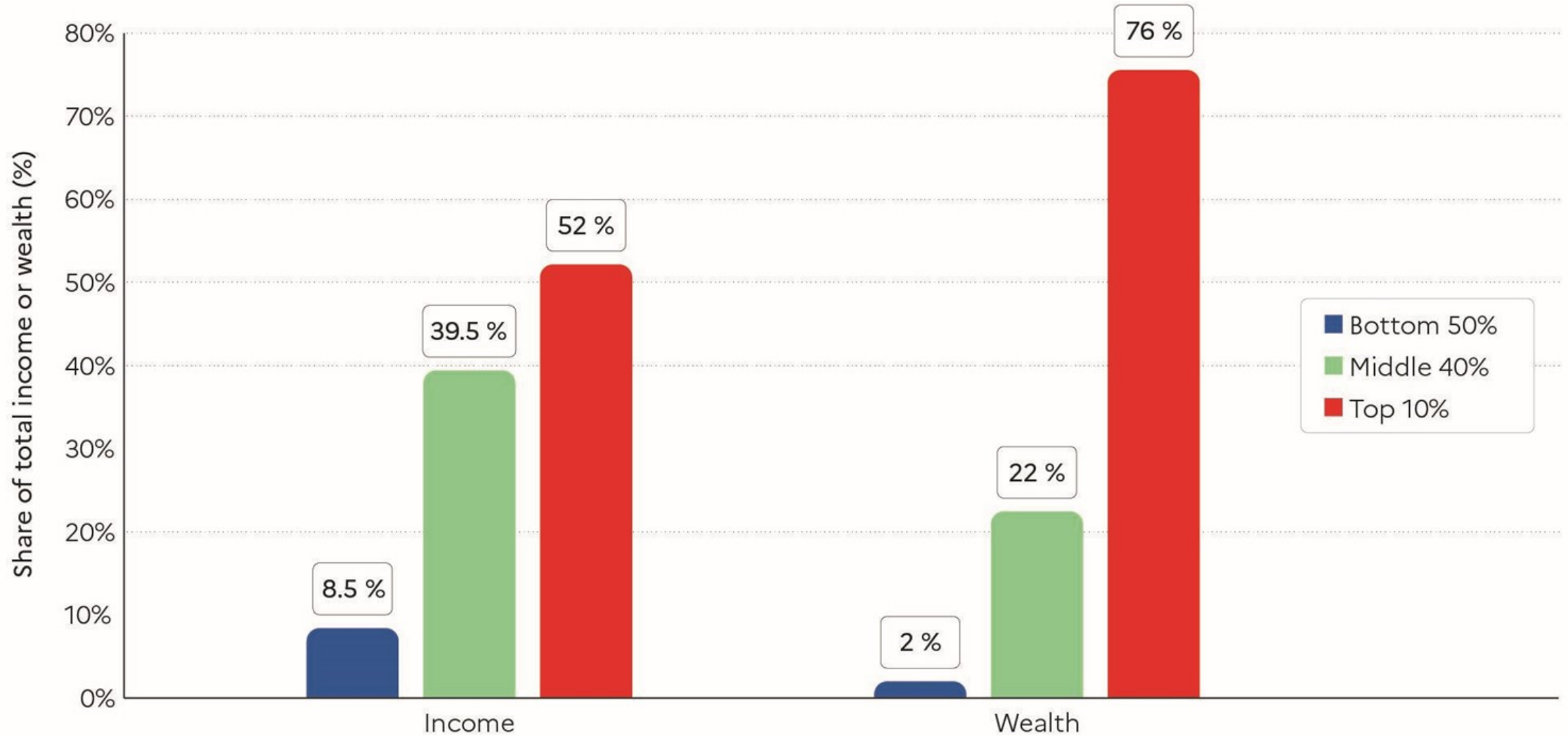
TAX THE RICH



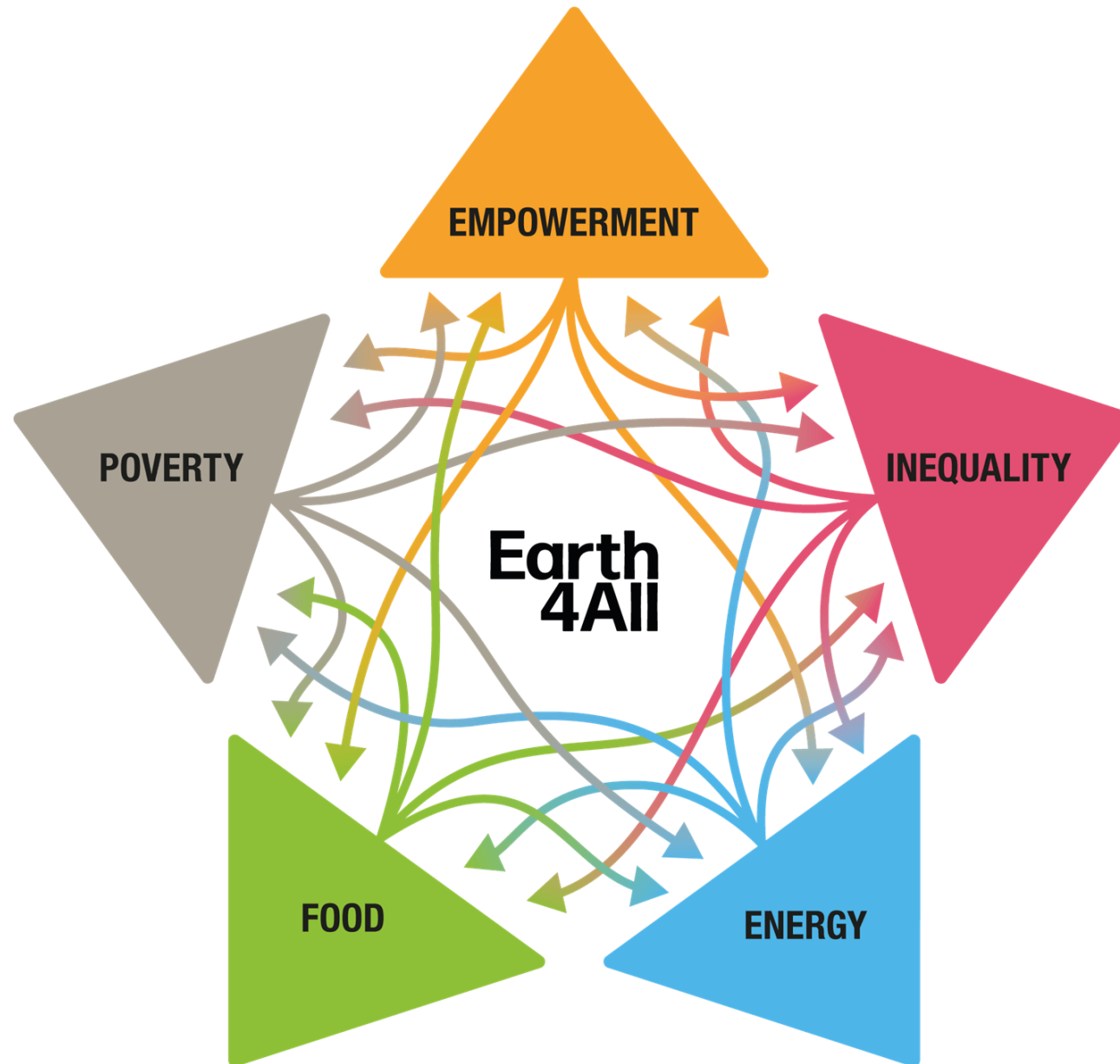
INEQUALITY

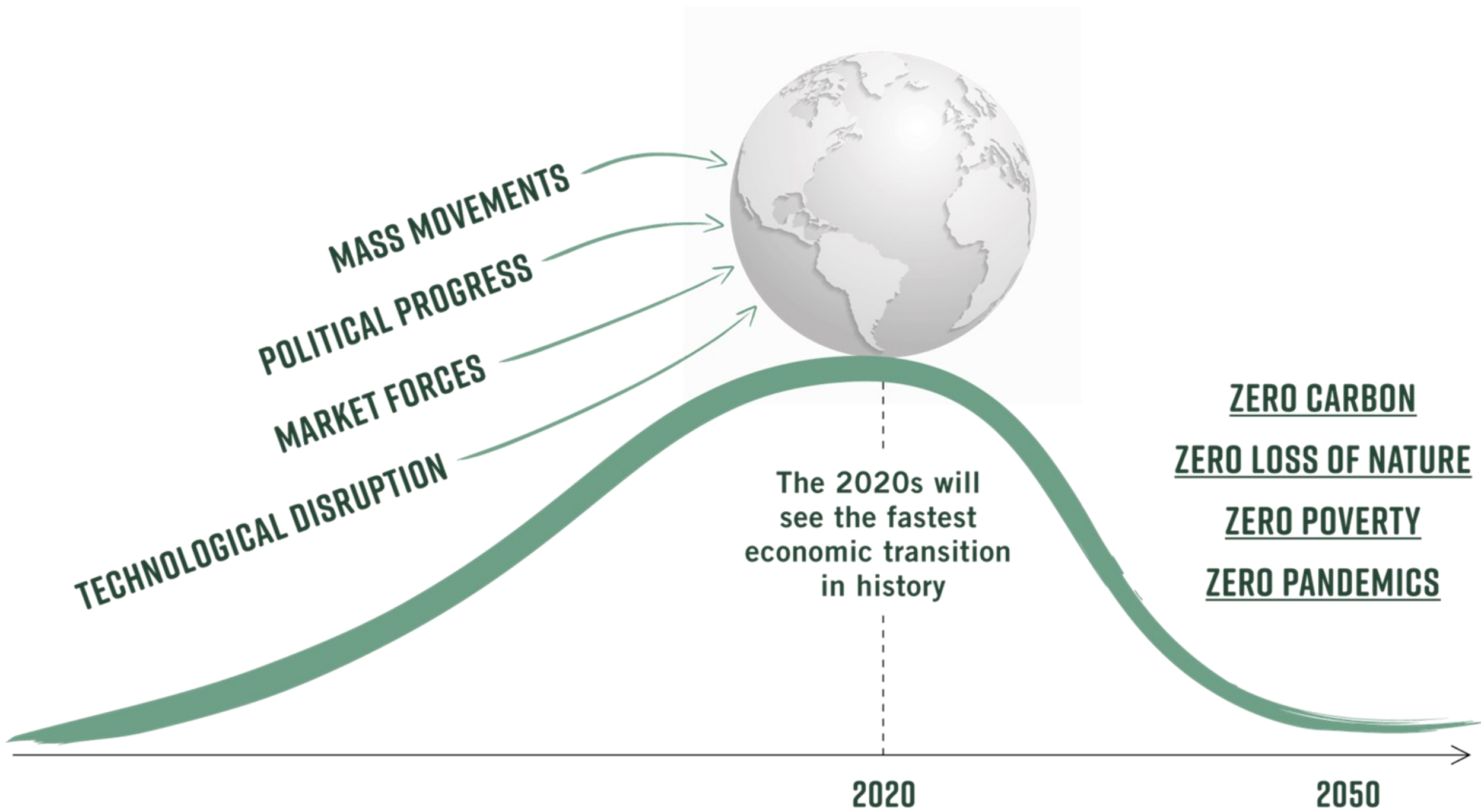
~5 trn\$/yr increase

Figure 1 Global income and wealth inequality, 2021



Interpretation: The global bottom 50% captures 8.5% of total income measured at Purchasing Power Parity (PPP). The global bottom 50% owns 2% of wealth (at Purchasing Power Parity). The global top 10% owns 76% of total Household wealth and captures 52% of total income in 2021. Note that top wealth holders are not necessarily top income holders. Incomes are measured after the operation of pension and unemployment systems and before taxes and transfers. **Sources and series:** wir2022.wid.world/methodology.

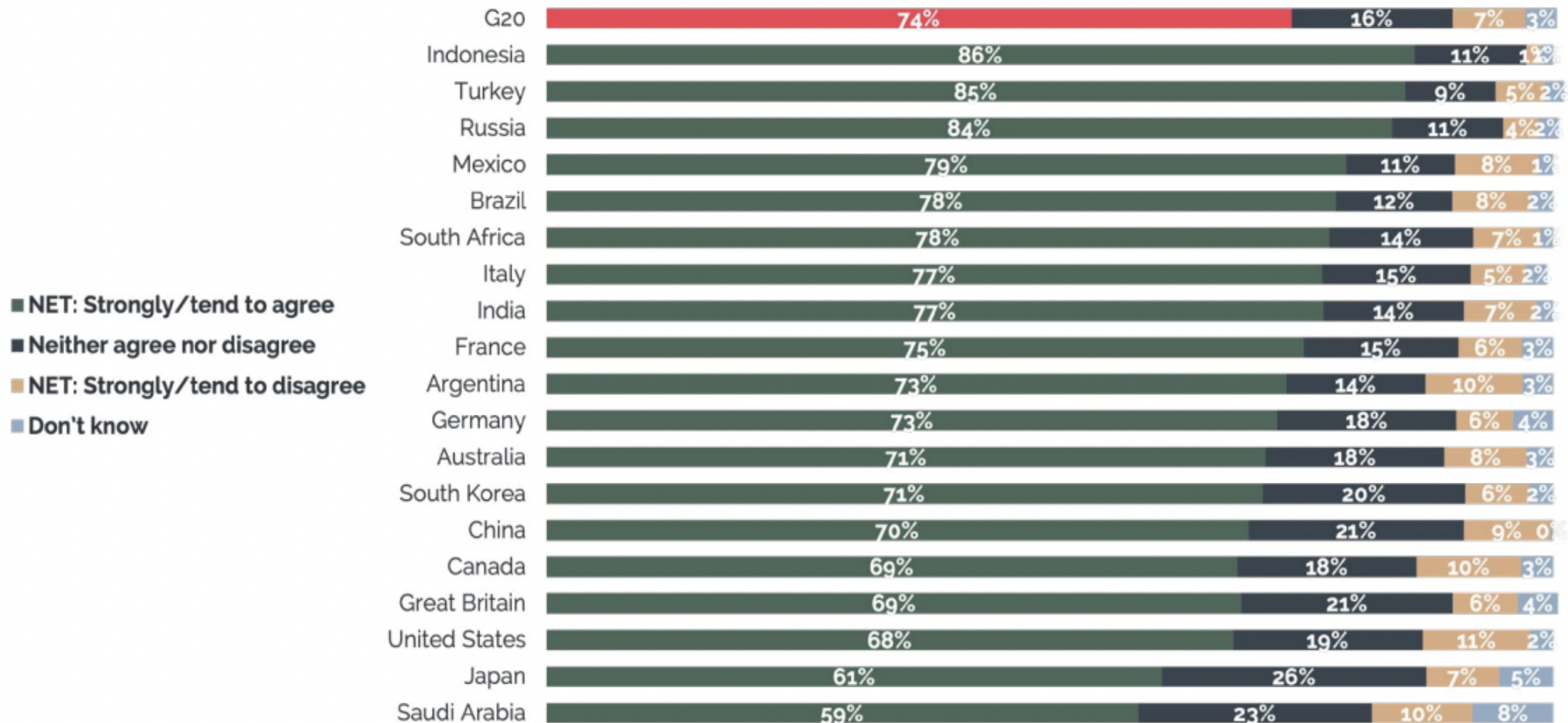






3 out of 4 people in G20 countries support wellbeing economies

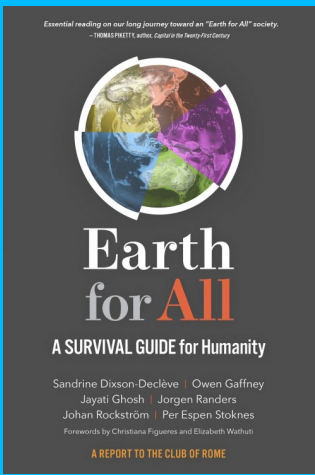
STATEMENT: the way [country]'s economy works should prioritise the health and wellbeing of people and nature rather than focusing solely on profit and increasing wealth in [country]



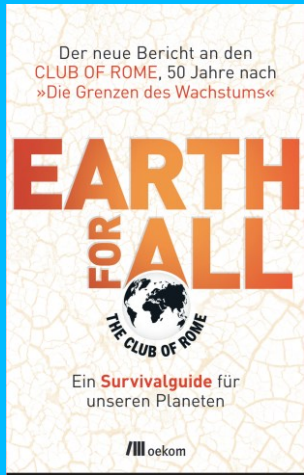
Global Commons Survey, Gaffney *et al*, 2021

12.Oct.2023

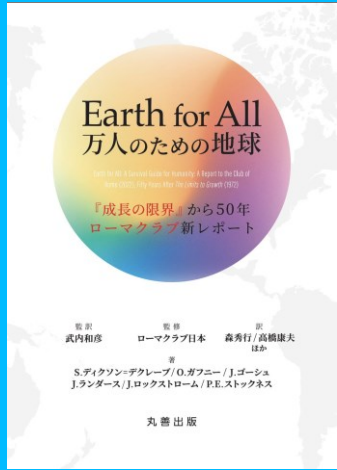




English



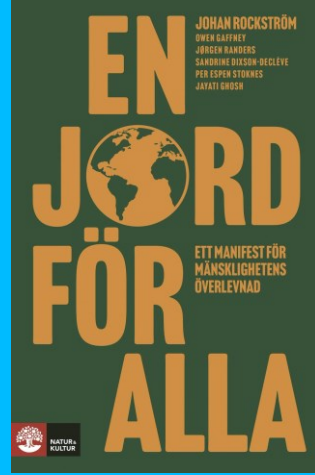
German



Japanese



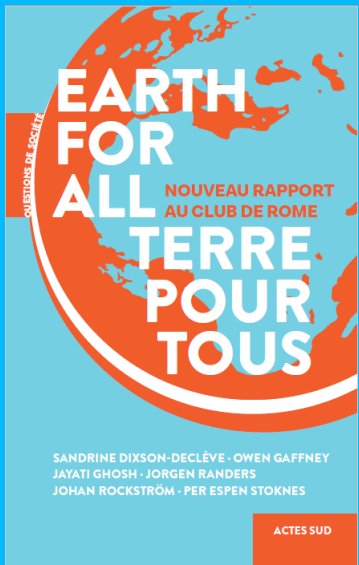
Italian



Swedish



Chinese



French,
30.08.2023



Korean,
Summer 2023



Spanish
Q4 2023



Hebrew
Q4 2023



Romanian
Q4 2023



Greek
7.dec.23



