

# SANDRINE DIXSON-DECLEVE

*Co-President of the Club of Rome*



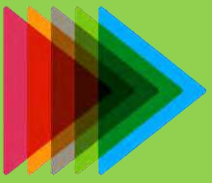
**be**



# Earth4All: An Equitable & Regenerative Transformation Plan for People & Planet

Sandrine Dixon-Decleve, Co President, The Club of Rome  
Co-Author, Earth for All: A Survival; Guide for Humanity  
Chair, European Commission Expert Group, Economic & Societal  
Impacts of Research & Innovation  
Climate Governance Commission, Commissioner  
Energy Transition Commission, Ambassador

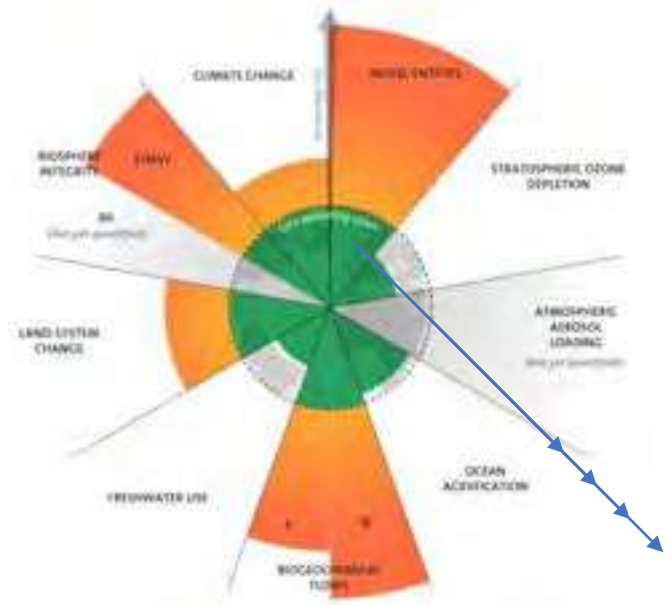




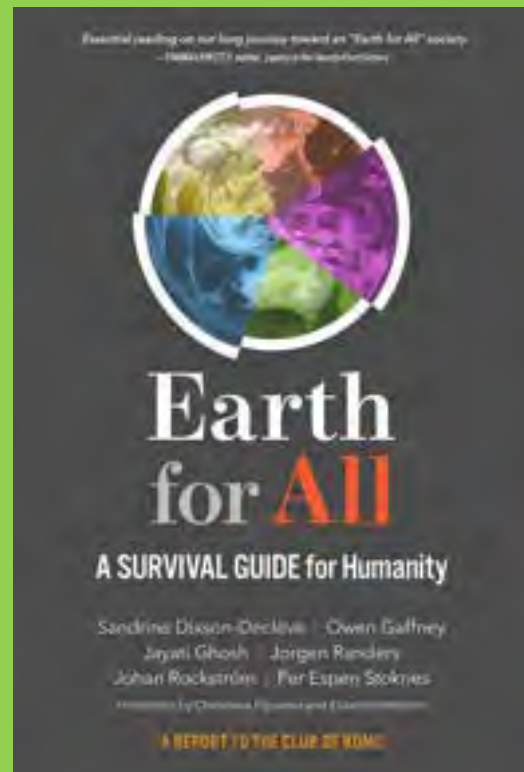
1972



2009



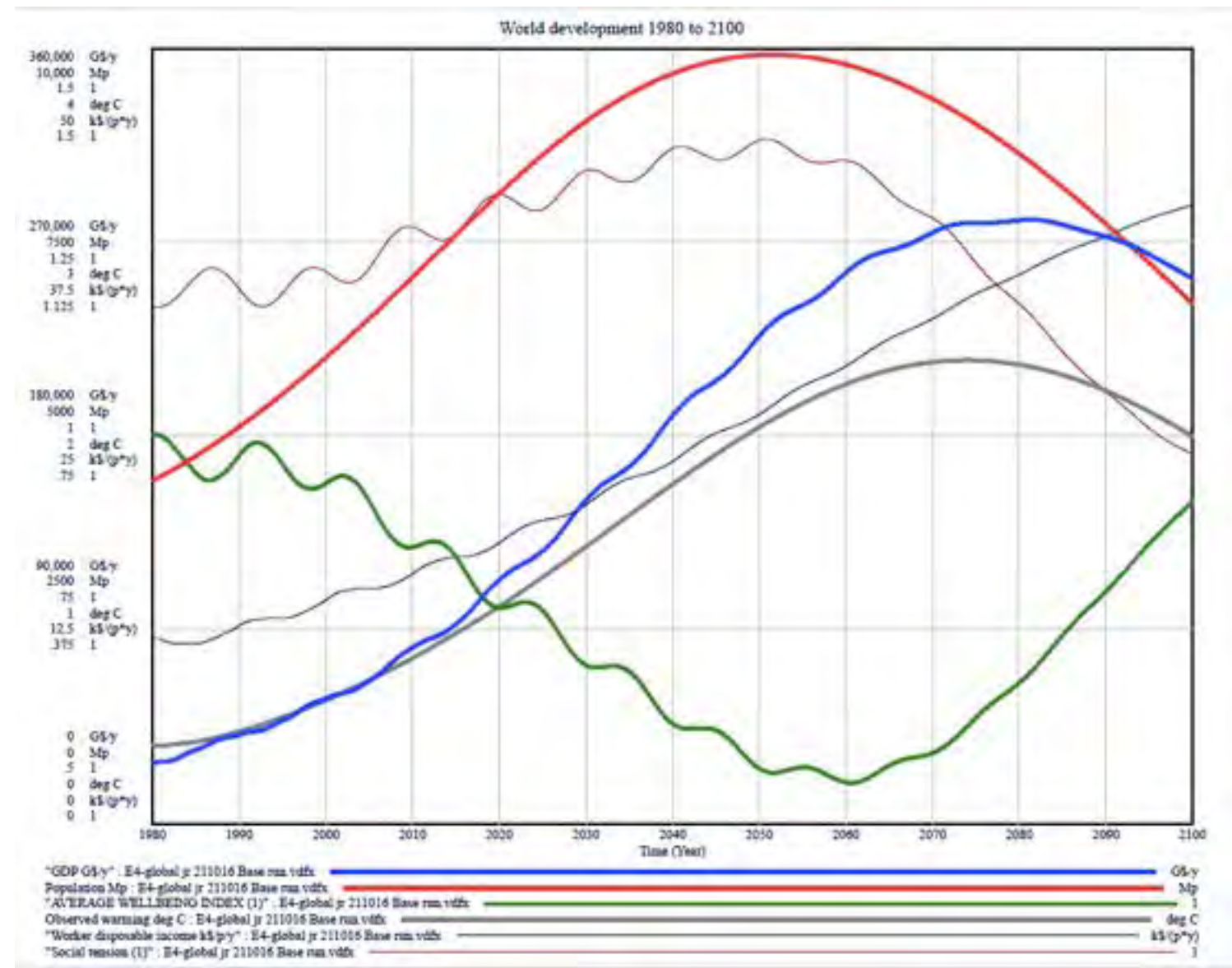
2022



2023

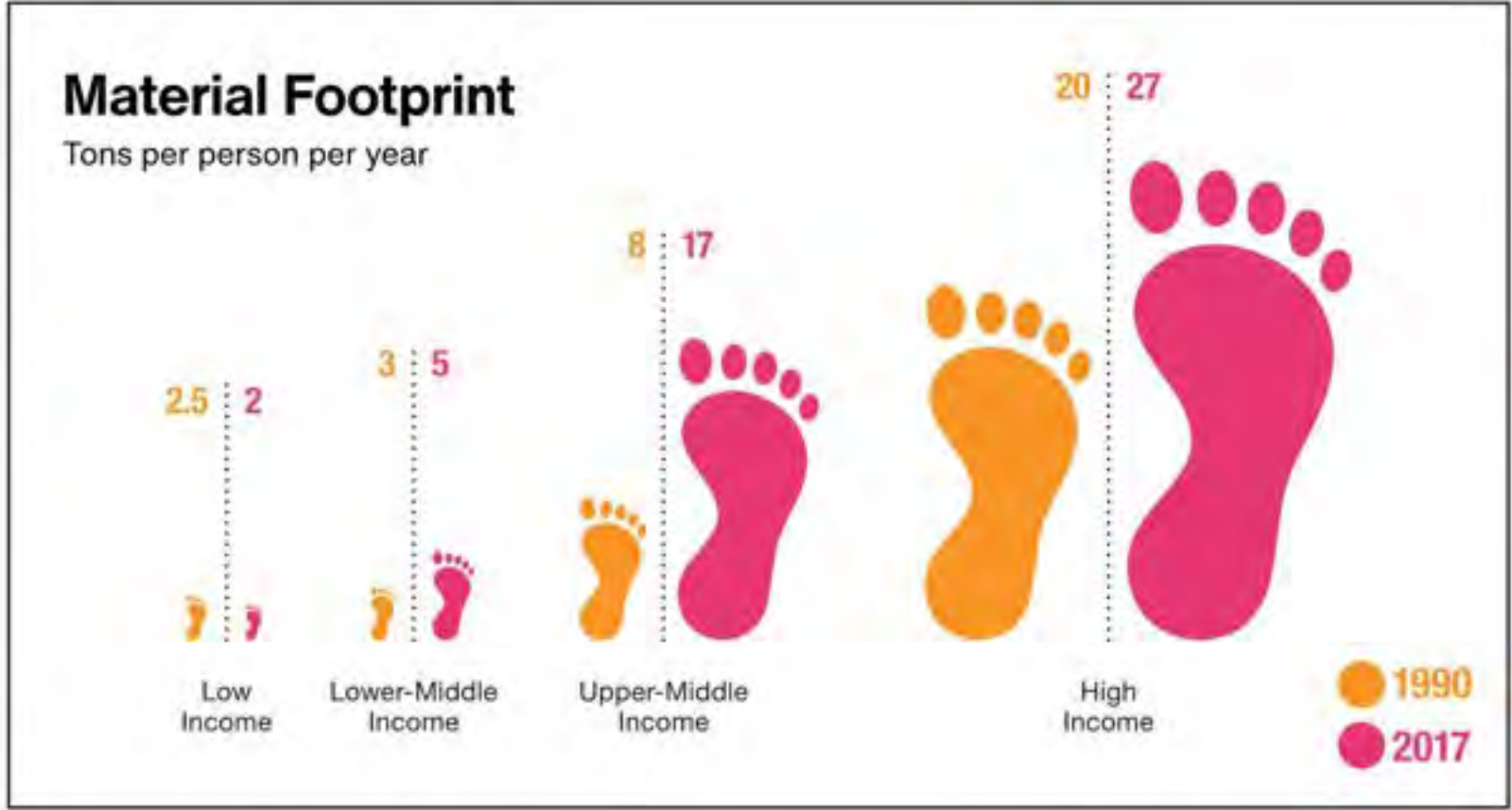


# GDP Growth + Pop Growth + Climate = (-) Well Being





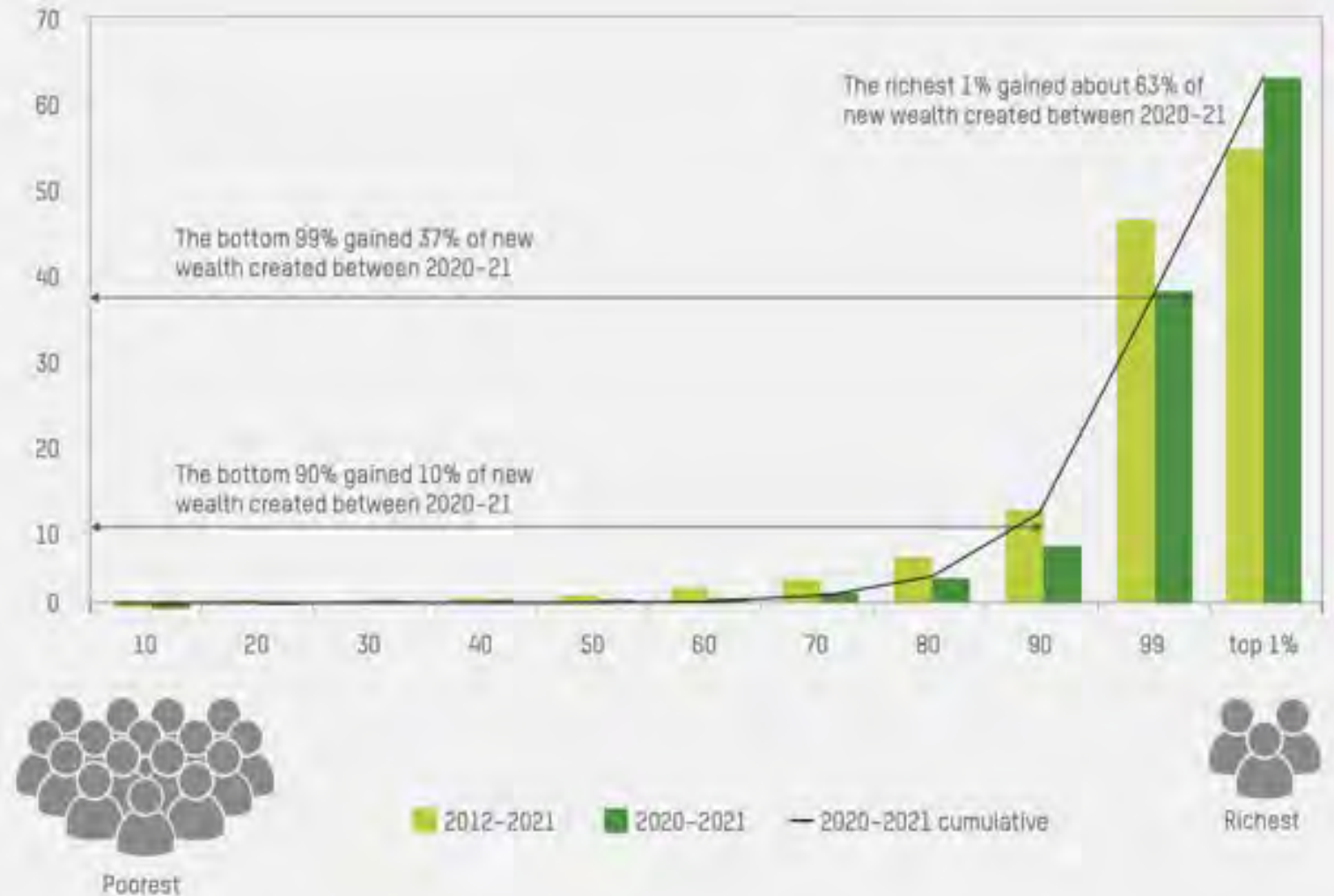
# The elephants in the room



# The elephants in the room

The poorest 50% take less than 15% in total earnings, while the richest 10% take well over 40%.

Within country wealth distribution has recently been moving the wrong way.

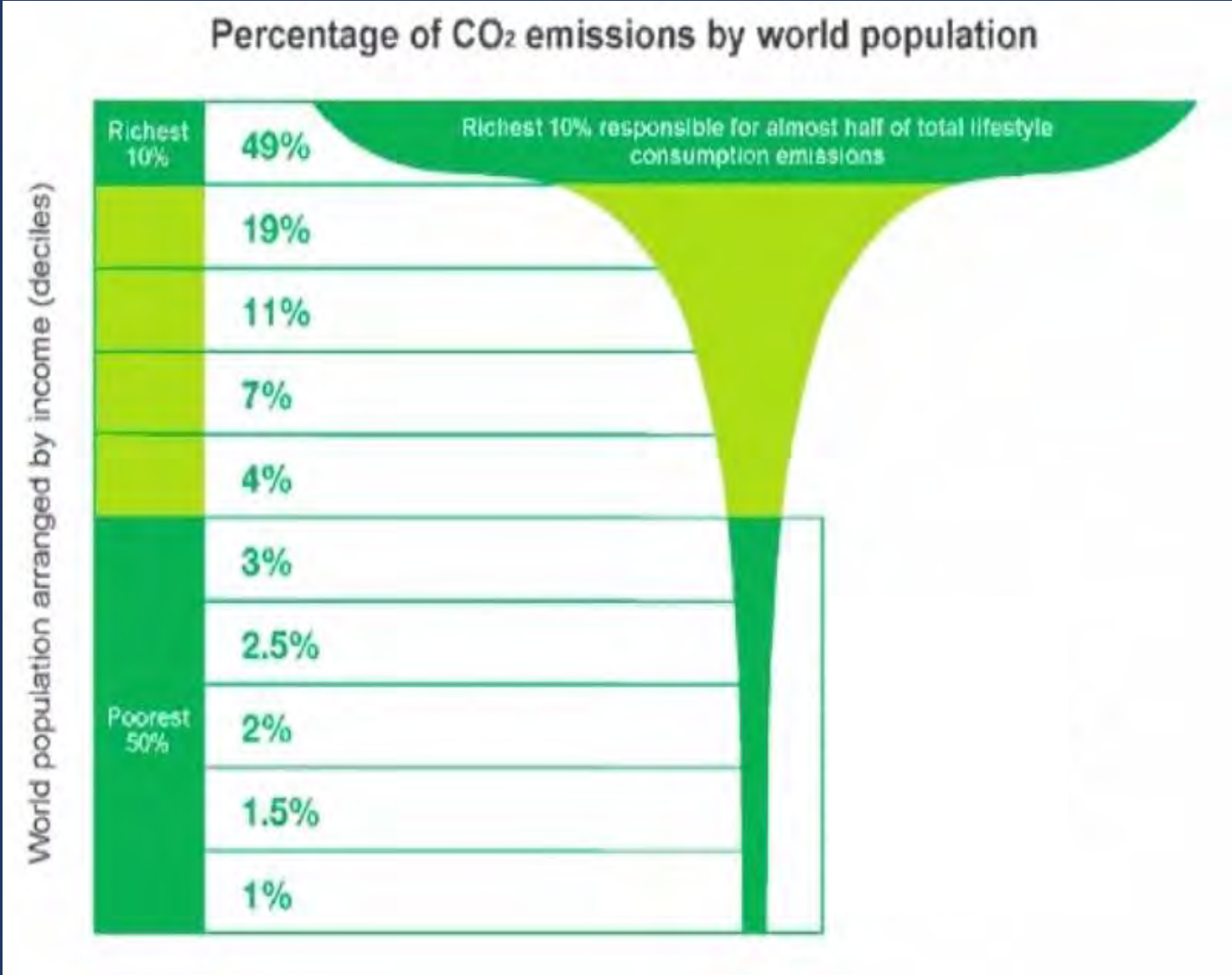


Poorest



Richest

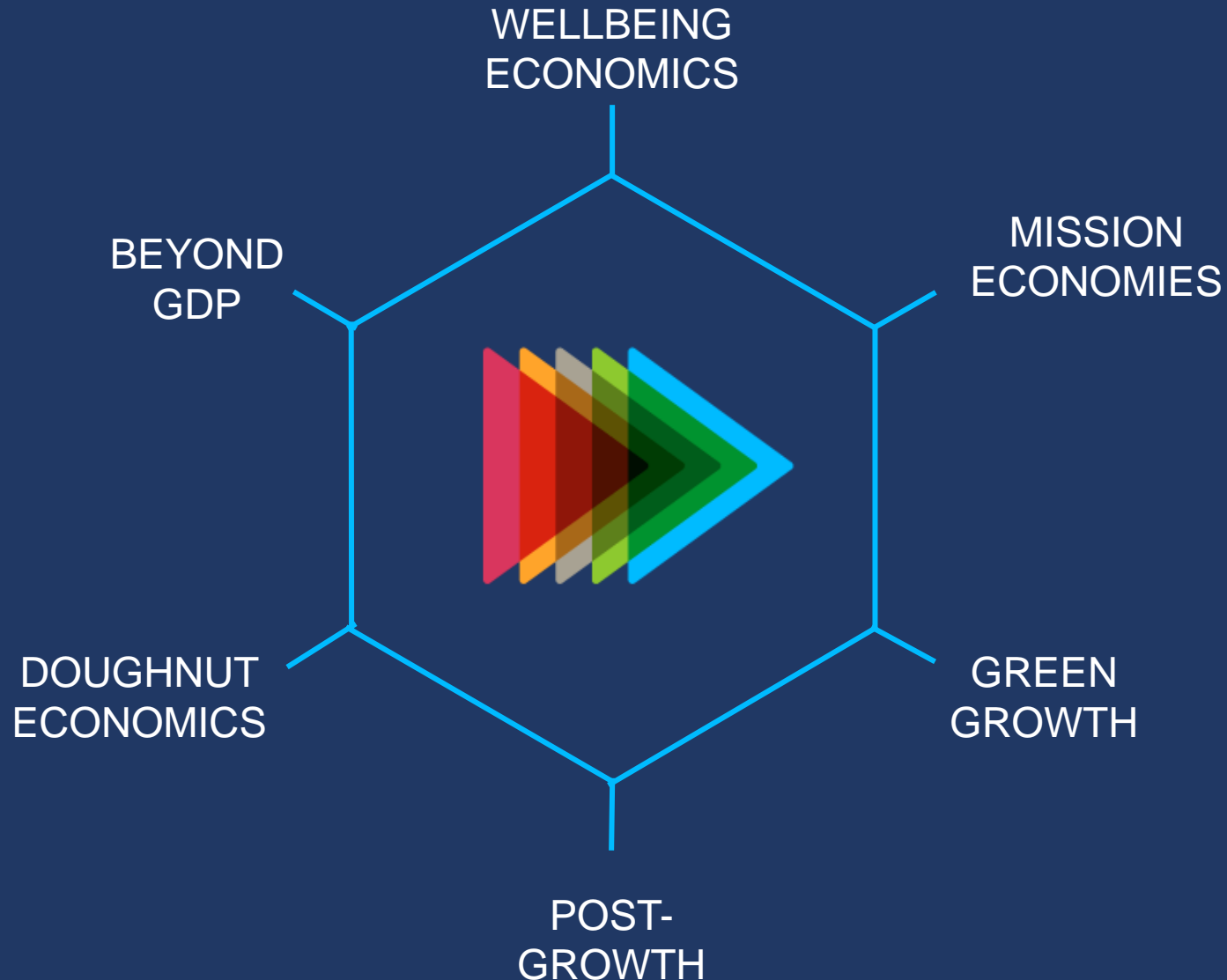
# The elephants in the room



Poorest 50% responsible for only around 10% of total lifestyle consumption emissions

Source: Oxfam

# Transformational economics for the 21st century



- Account for social and environmental risk in financial and economic decision-making
- Correct the inequity between high and low-income countries created by international finance and trade systems
- our perspective of public goods and socialise the rewards of environmental and social commons
- Increase the agency of women and workers to drive the direction of the economy





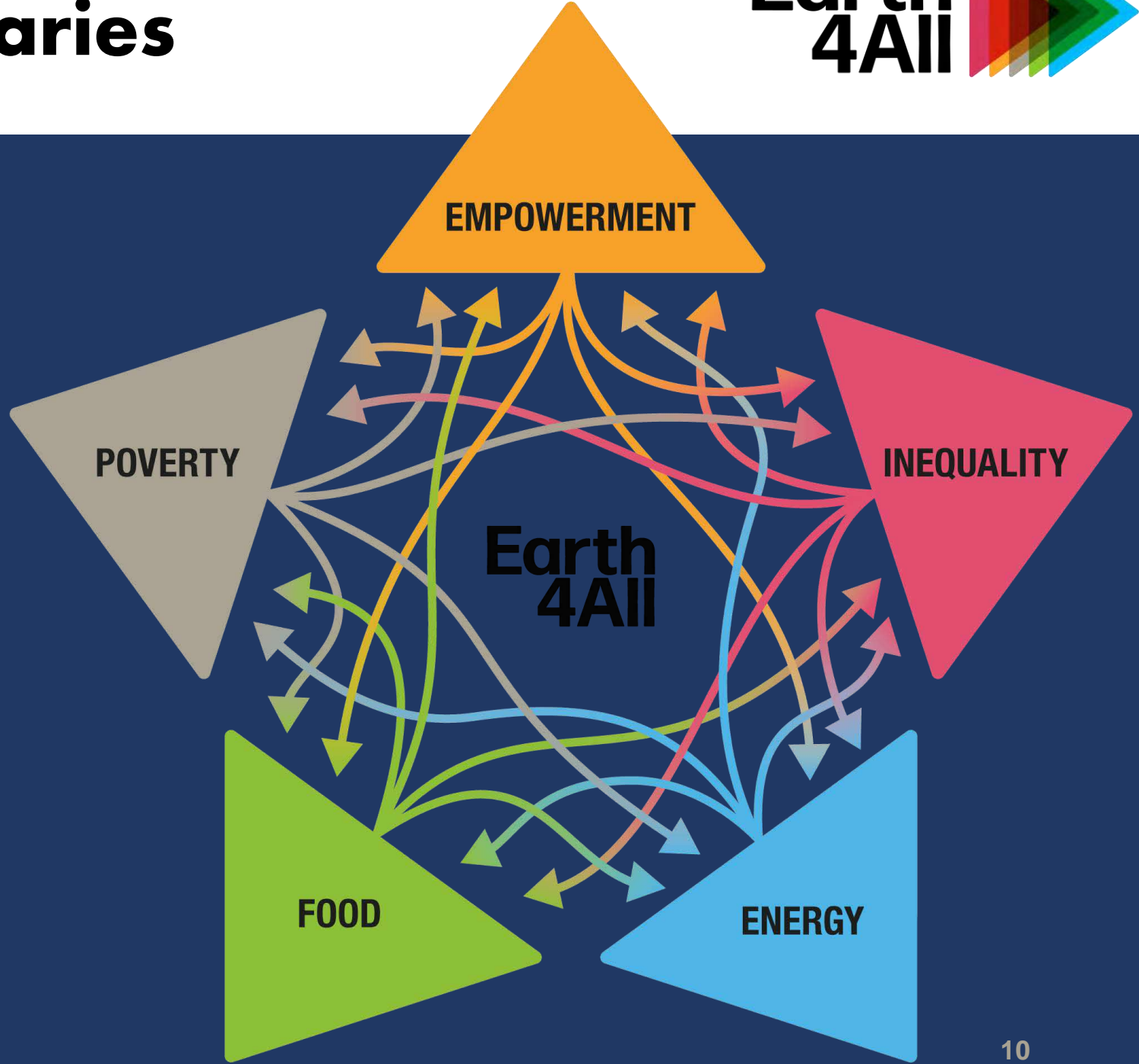
# A systems change agenda for wellbeing within planetary boundaries



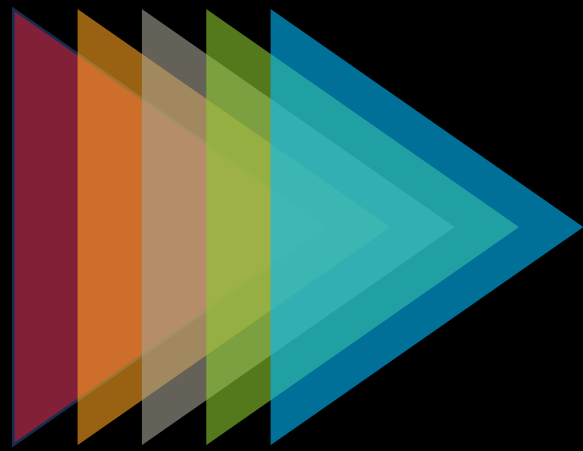
21<sup>st</sup> century  
transformational  
economics for well  
being



Global and regional  
system modelling







Our **societies** will become more resilient to the consequences of climate change if we take a **Giant Leap**



WILDFIRES



FLOODS



HURRICANES

**Too Little Too Late:** Earth reaches a catastrophic 2.5 C before 2100. Wildfires, floods and other extreme events become a regular occurrence by mid-century.



**Giant Leap:** Societies are more resilient. Extreme weather events come and go without toppling entire nations.



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



Just

2-4%

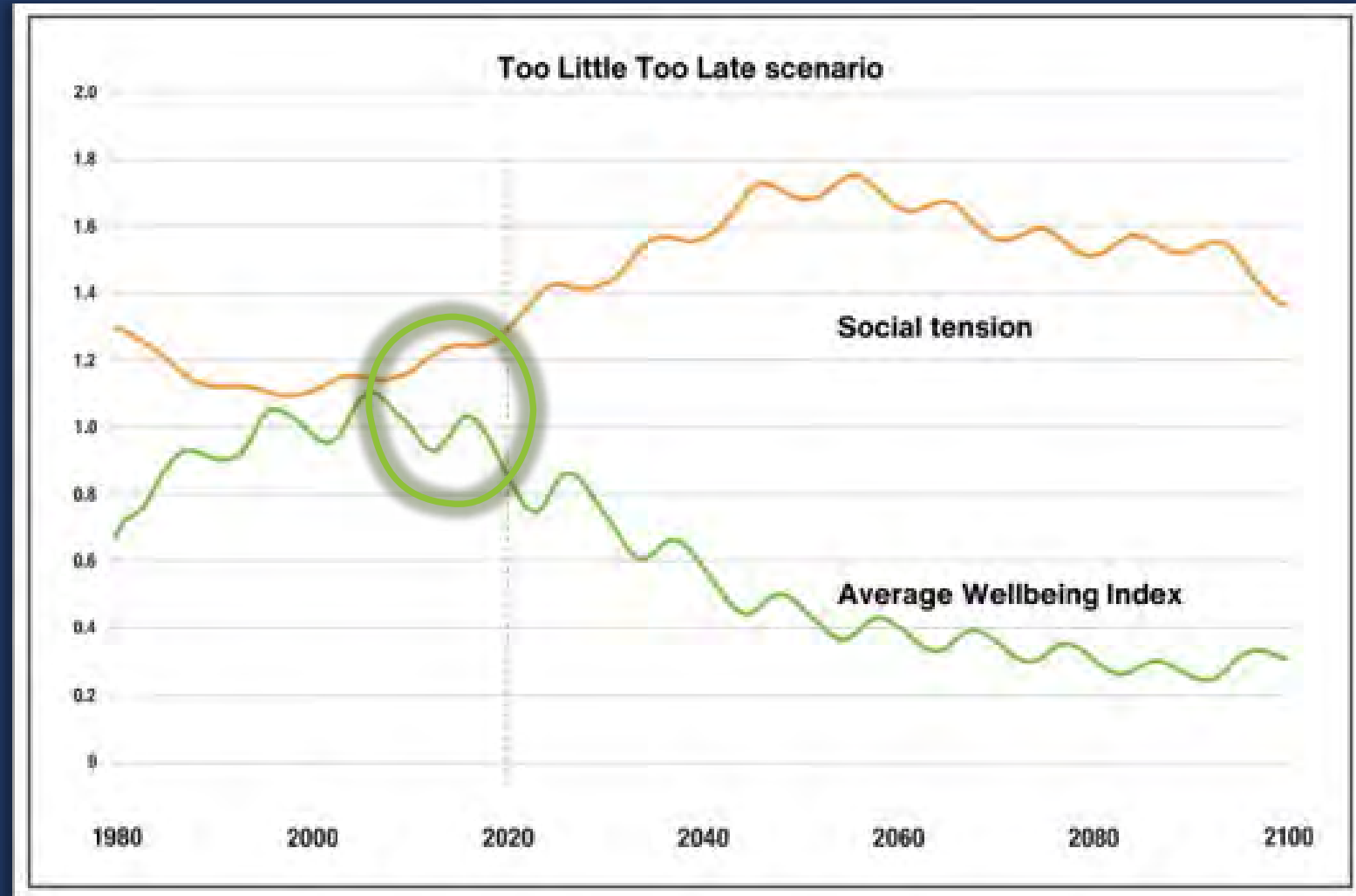
of global income is needed to invest in a better future.



# Global wellbeing is declining

74% of G20 citizens want a well  
being economy\*

\*Ipsos Mori survey 2020



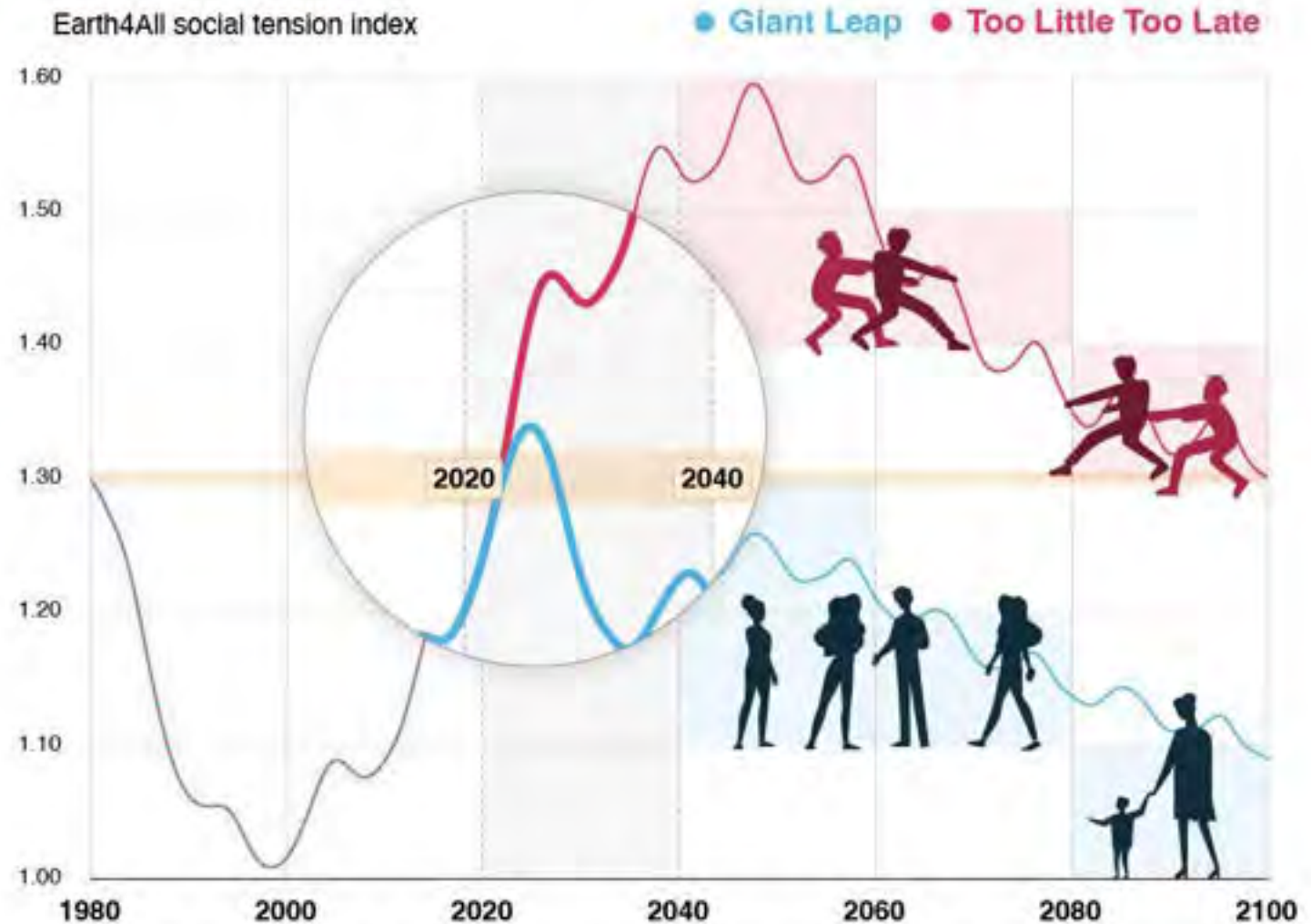


The Earth4All social tension index measures the inverse of people's perceived rate of progress, defined as the rate of change in the Earth4All Wellbeing Index.

Source: Earth for All: A Survival Guide for Humanity (2022)

[www.earth4all.life](http://www.earth4all.life)

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



# 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](http://www.earth4all.life)





The link between societal tension and food prices is particularly acute in low income-countries (but growing in all economies). Extreme events like prolonged droughts, wars have cascading impacts: instability, migration, starvation and poverty!





# A world with less **inequality** with a **Giant Leap**

Earth4All inequality index

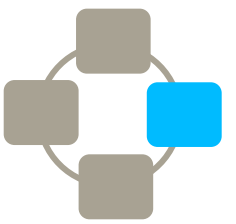
● Giant Leap ● Too Little Too Late



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

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



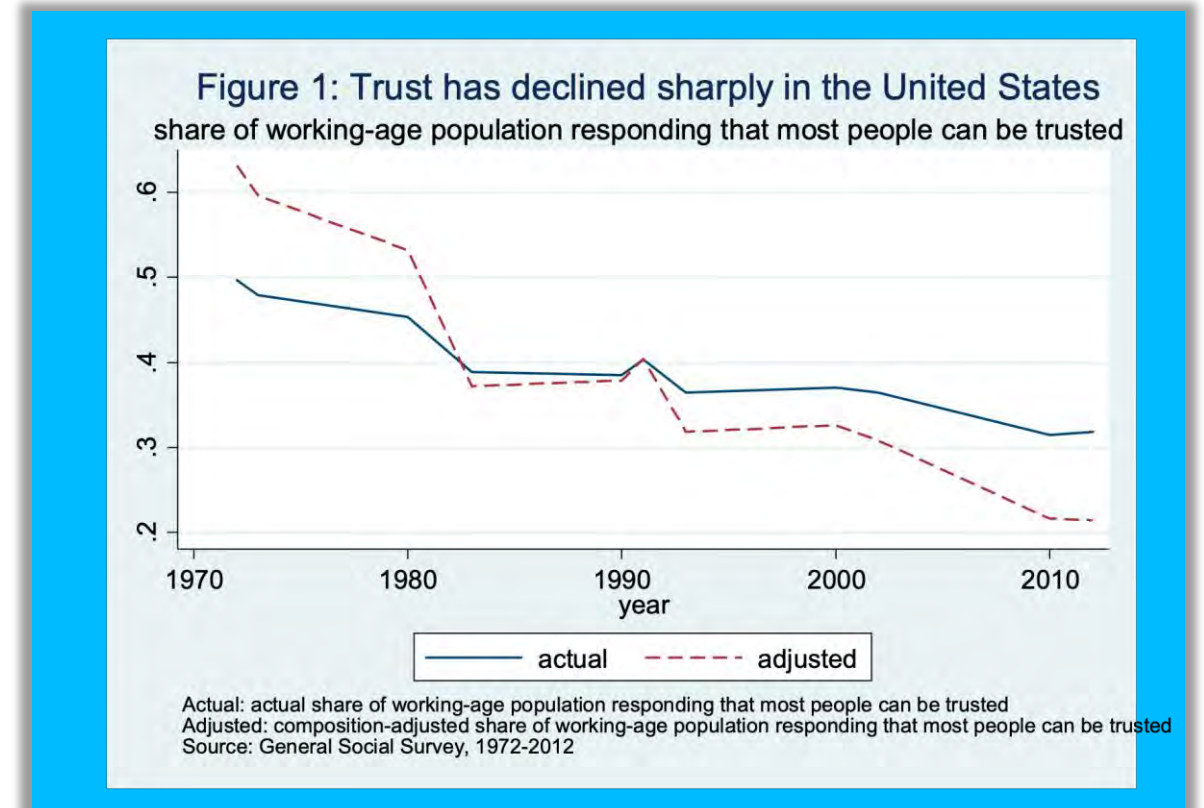
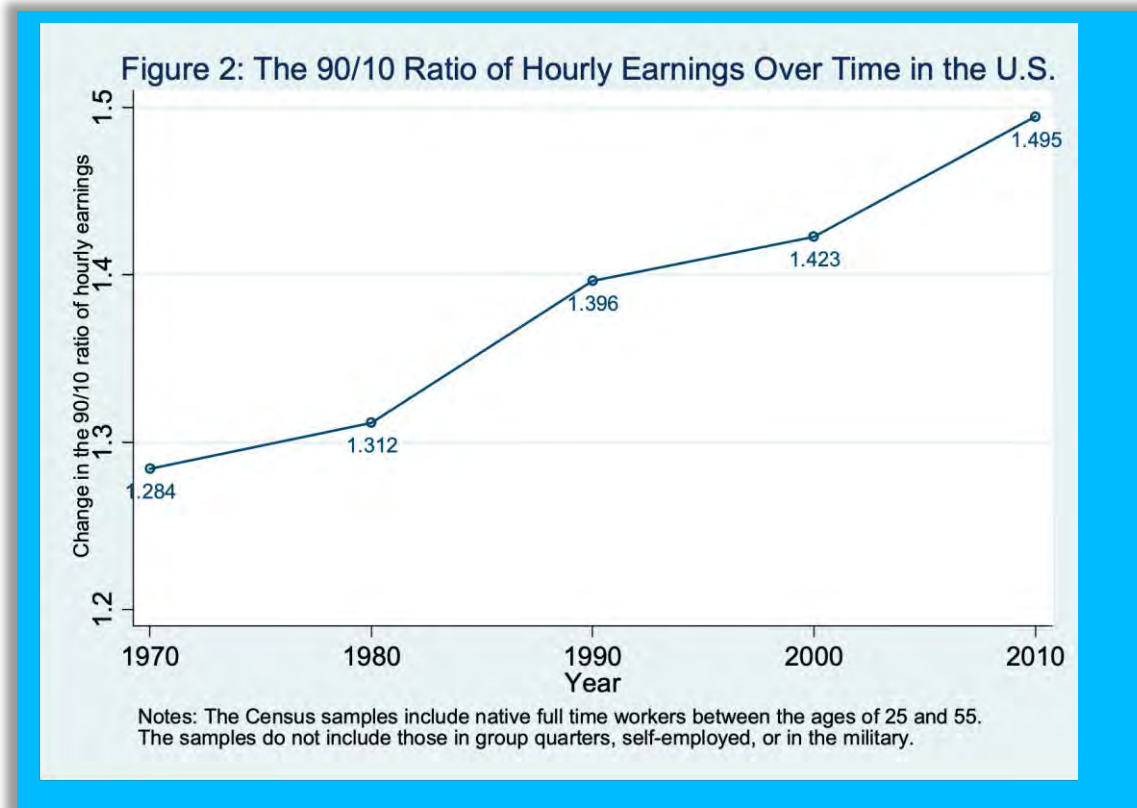


# Inequality Reduces Trust

Wage inequality (based on 90/10 ratio) in the US has **increased 14%** between 1970 - 2010 and since 1978 US CEO salaries have increased by 1460%; employee salaries by 18.1% (EPI, 2022)



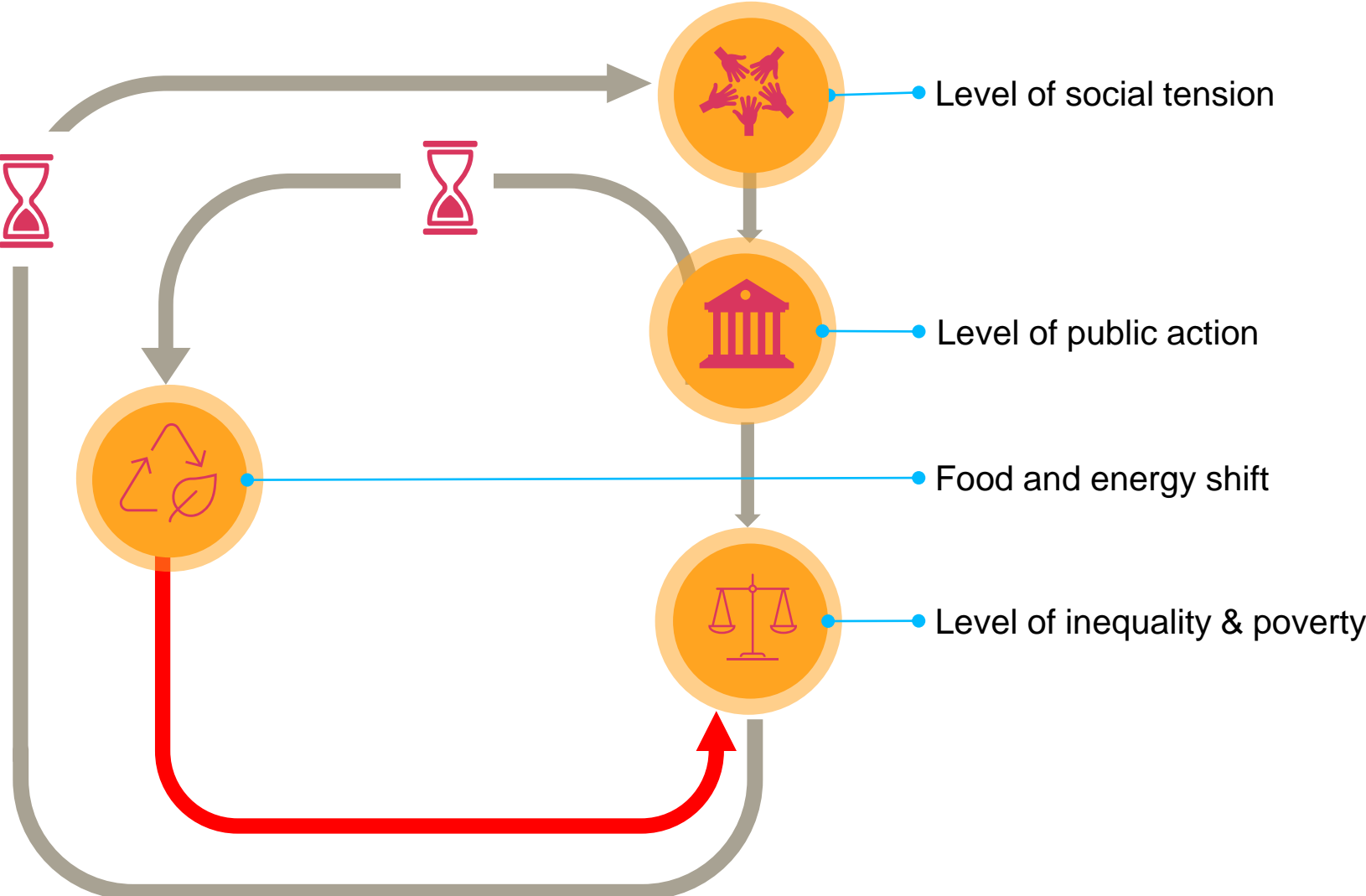
At the same time, surveys of US citizens show **decreasing levels of trust** in people especially government and business



Sources: IMF - Gould, Eric D, and Alexander Hijzen. Growing Apart, Losing Trust? The Impact of Inequality on Social Capital. International Monetary Fund, 2016.

# The Critical Feedback Loop

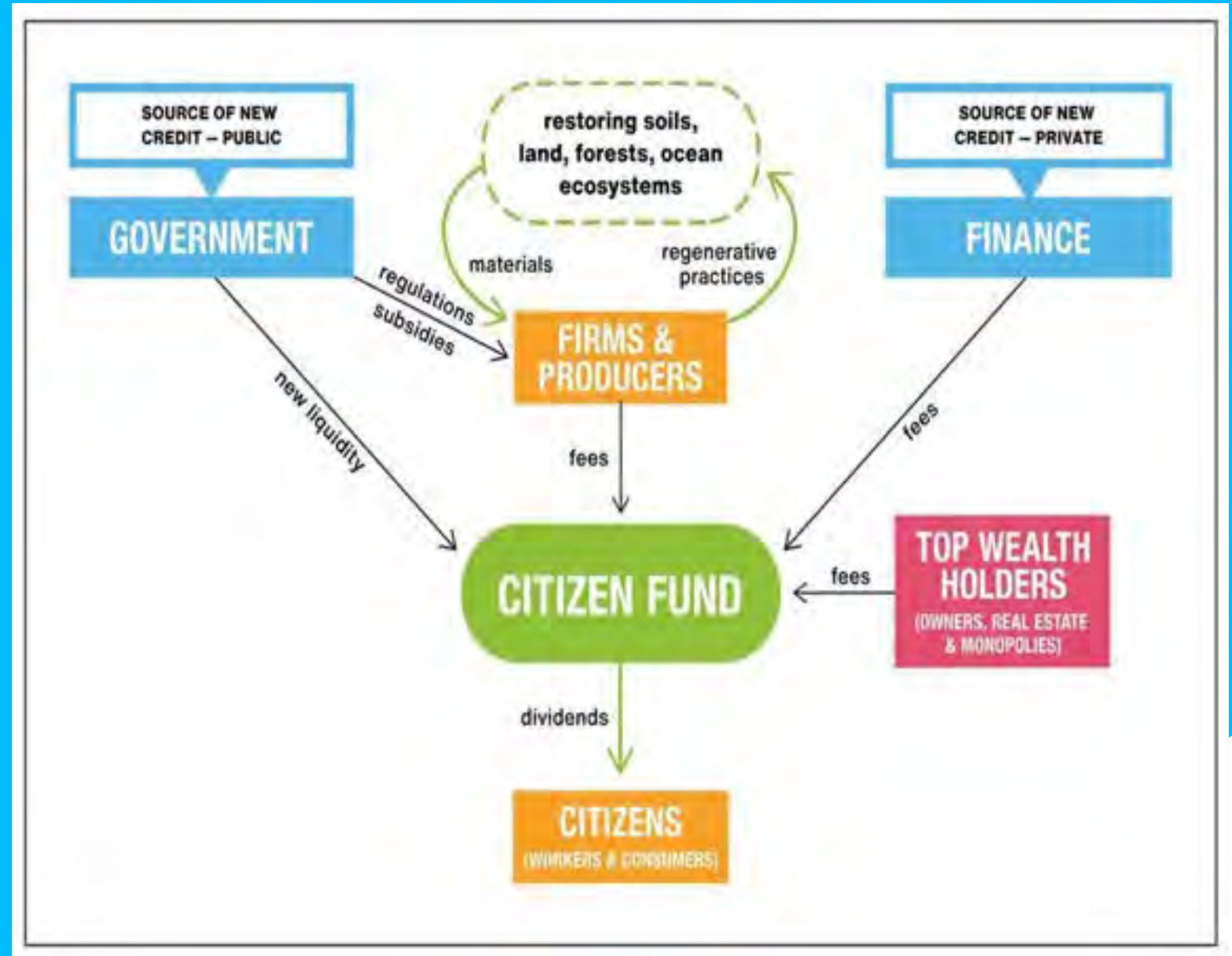
Action on planetary boundaries is a function of action on inequality and poverty



- Social trust influences the political space available for transformative public action
- How effectively the state intervenes to reduce inequality and planetary breakdown
- The regulation of the food and energy system impacts inequality
- Inequality drives social tension

# Redrawing the Gameboard

- Setting up citizen funds to distribute the wealth of global commons fairly.
- Government measures (subsidies, incentives, regulations) to expedite restructuring.
- Reforming the international financial system.
- New progress indicators in the context of well-being economies.



# Key Recommendations to the EU

Increase investment and resilience in health and social care systems

---

Situate wellbeing, health and climate policies at the heart of the annual EU budget

---

Adopt just transition plans

---

Develop appropriate metrics to measure wellbeing progress

---

Allow social investments for wellbeing within the Stability and Growth Pact

---

Redirect public procurement and PPPs to support low carbon investments and circular economy

---

Shift taxation from labour to the use of all natural resources and tax wealth

---

End perverse fossil fuels and agriculture subsidies

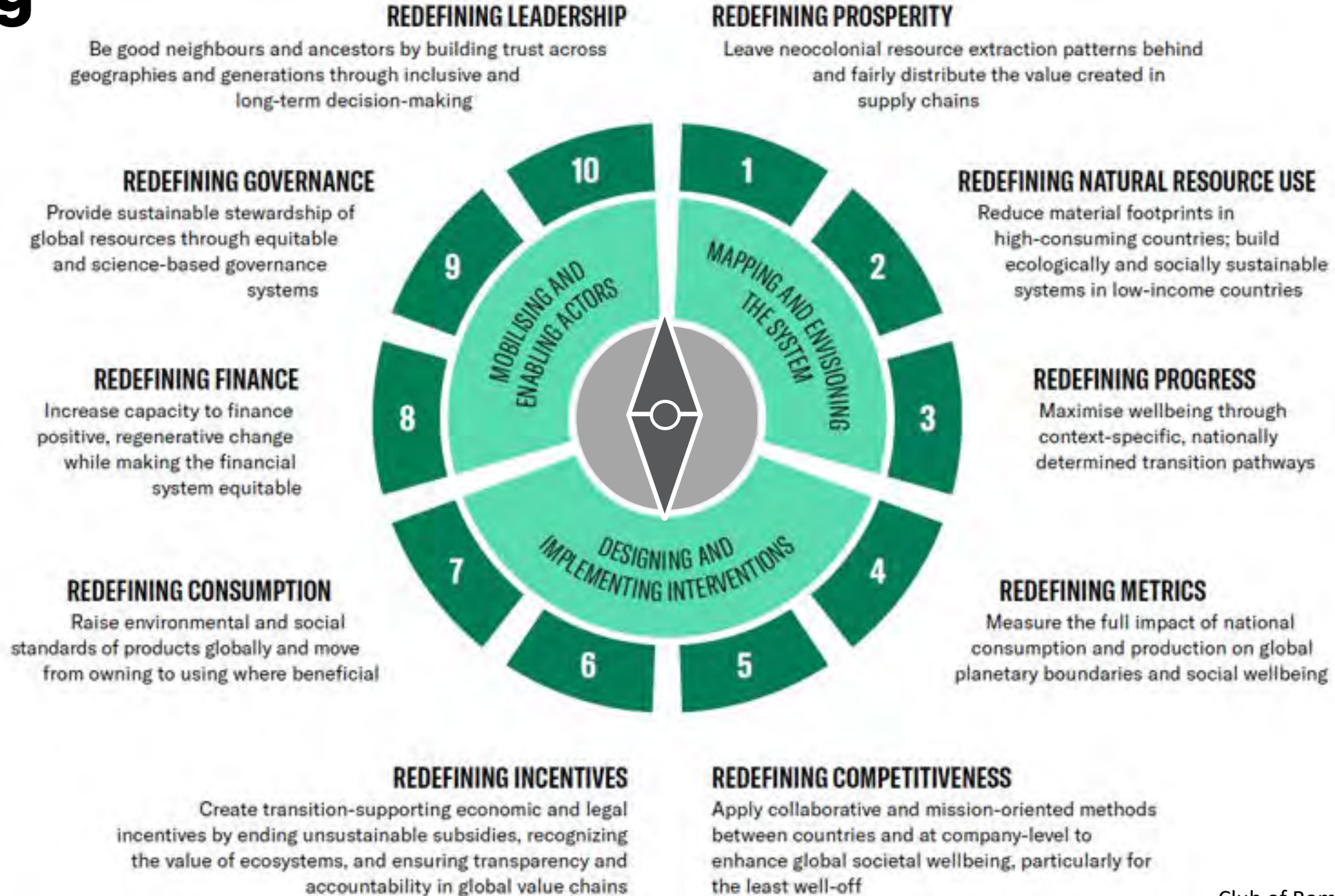
---

Make sure market prices reflect the true costs of production

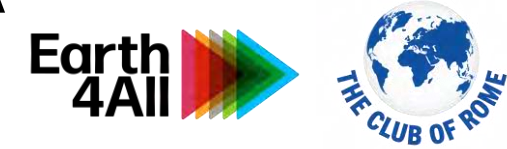
---



# System change compass: Value based decision making



# Going beyond the EGD/Farm to Fork Ambition: A system change approach



	Traditional approach	Progressive approach set out in F2F	System change approach
Regenerative agriculture	<ul style="list-style-type: none"> <li>Policy and subsidies focused on intensification and farm size</li> <li>Payment for ecosystem services incidental to the main programme</li> </ul>	<ul style="list-style-type: none"> <li>Support to increase organic from 5 to 25%</li> <li>Restrictive pesticide and fertilizer reduction targets for conventional farmers</li> <li>Long list of CAP eco-schemes (with some diversion to non Farm2Fork aligned measures)</li> <li>Carbon farming pilots</li> </ul>	<p>Set a 'stretch target' (e.g. of 100m hectares or ~75% of EU arable land) being farmed regeneratively by 2030.</p> <ul style="list-style-type: none"> <li>Expand research and data gathering to develop the regenerative data backbone - European, open-source, farmer-centric, outcome-based, small holder</li> <li>Support private sector alignment with a regenerative farming code</li> <li>Legislate in alignment with a regenerative farming system by 2030 across silos</li> </ul>
Regenerative land use	Avoids talking about this	Treated in silos	At the heart of the regenerative agriculture transition
	Unsustainable soil and biodiversity loss. High environmental and health costs, smaller farmers pushed out of market.	Progress to achieve F2F through CAP blocked by ideological trenches	Fostering science-based, ideology-agnostic adoption of regenerative farming practices. Integrated in a system-wide change in how land is used and what food is produced, this will help us meet the EGD ambition

# System diagnostic – shifting from “financing change” to “changing finance” towards regenerative finance

1. the current financial system is a major hindrance in phasing out the old economy, and;
2. The underlying and reinforcing dynamic of economic growth at all costs has catalysed an overly financialised economic system, thus fostering an economy in support of the financial system rather than the reverse.
3. This shift has contributed to lock-in to an unsustainable regime, focusing on maximising financial value creation instead of the optimisation of serving people’s needs.



# Core principles for a regenerative financial system: Shifting from an extractive to a supportive financial system

A regenerative financial system must:

1. Be directed by a purpose and accountable to the principle of supporting the economy in meeting the needs of people, society and the planet;
2. Favour integrated value over purely financial value as a whole-system goal, and in policies, practices, reporting and regulation;
3. Require institutions to become active agents in a coherent and collaborative strategy centred on long-term value creation, embedded in a stakeholder-oriented governance.

Source: Club of Rome Rethinking Finance Impact Hub, 2023



# The change we need!

- Uncontrollable growth and an over financialized economy will crowd fund disaster
- It is time to change the rules of the game so people, planet and prosperity come first before power and profit
- The only way to build resilience to future shocks and stresses is to invest in an Earth for All

## Mark my words:

*There are no stocks, no bonds, no financial assets, no business prospects on an unstable or dead planet.... We have no choice but to re design our systems towards a regenerative development that fosters well being and an Earth for all!*



**NYC Wallstreet 2022**