

Doughnut Economics

creating a safe and just
space for humanity

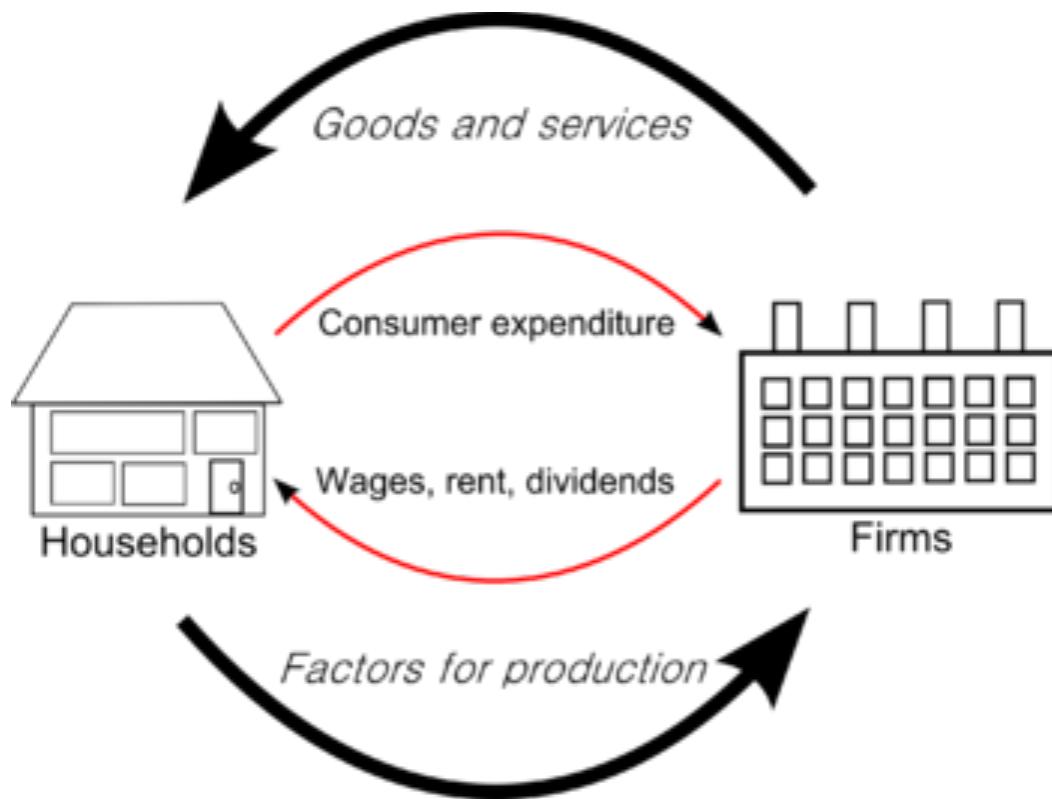


Kate Raworth

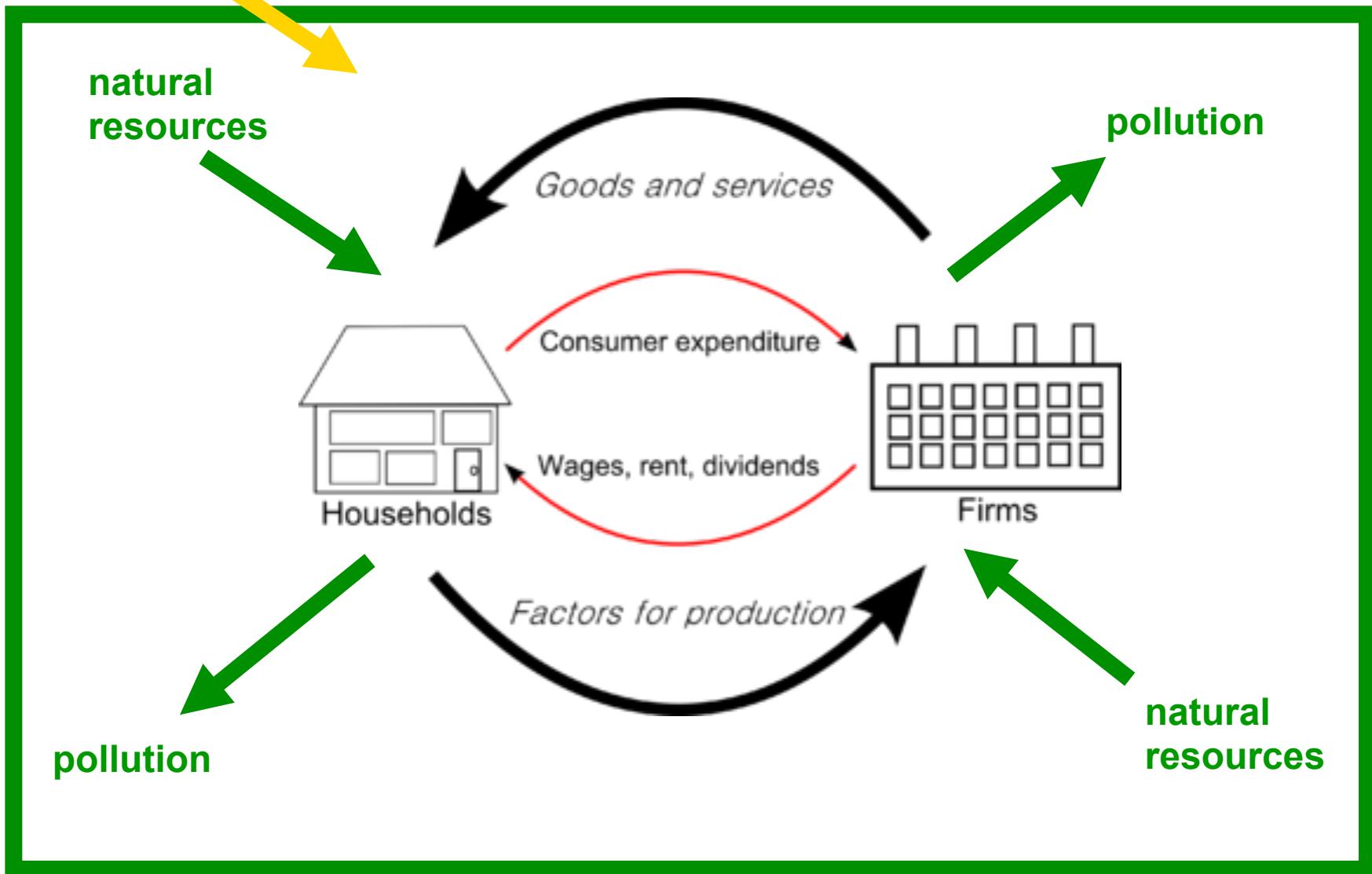
University of Southampton
21 February 2013



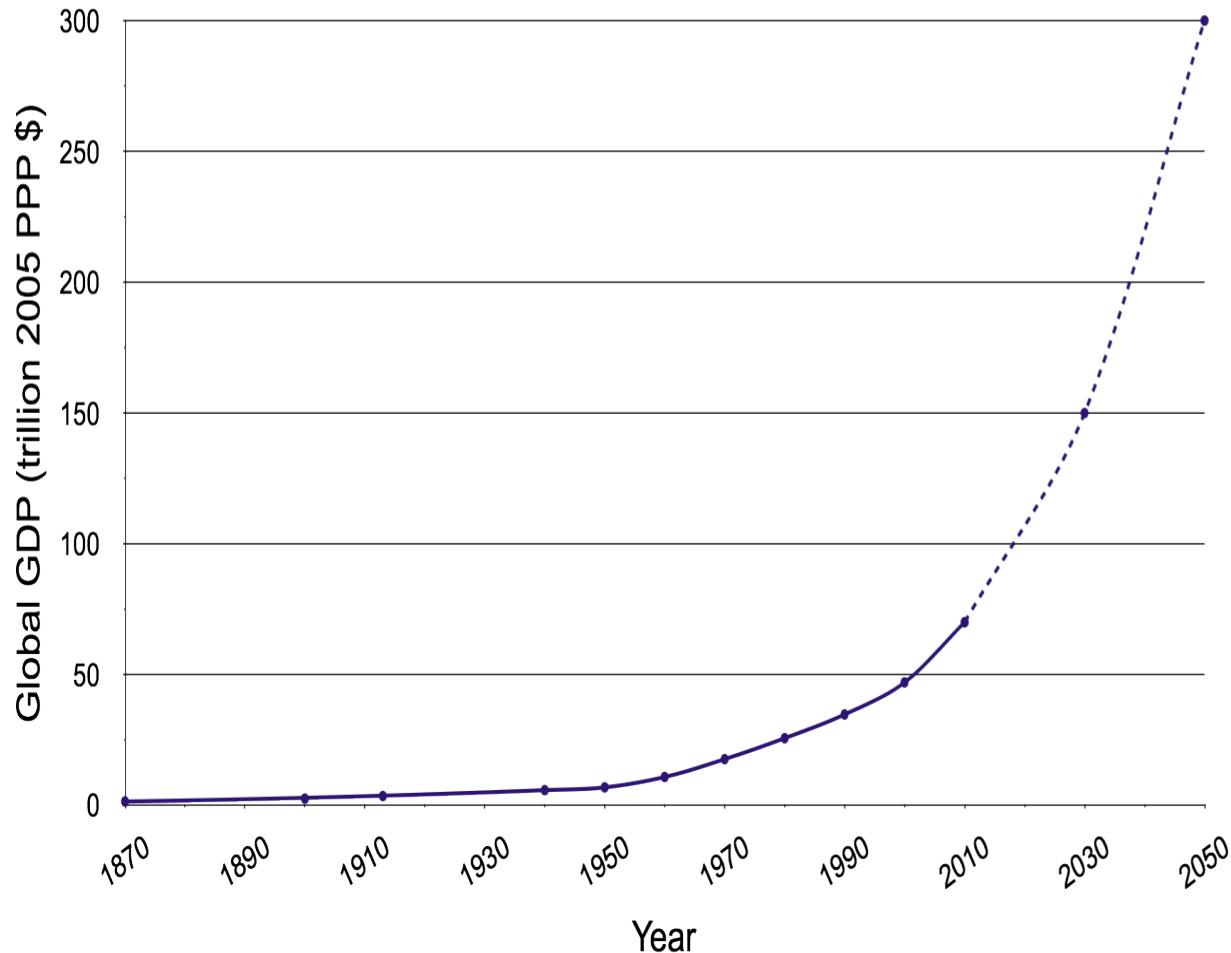
The circular flow of money and resources



Economy embedded in environment



Global GDP 1870 - 2010 and projected to 2050





Deprivation



Degradation



Inequality



economic growth



What kind of growth would you like today?



Balanced
Equitable
Good
Green
Greener

Inclusive
Lasting
Long-term
Low-carbon
Resilient

Smart
Smarter
Strong
Sustainable
Sustained



“Those attempting to guide the economy and our societies are like a pilot trying to steer without a reliable compass”

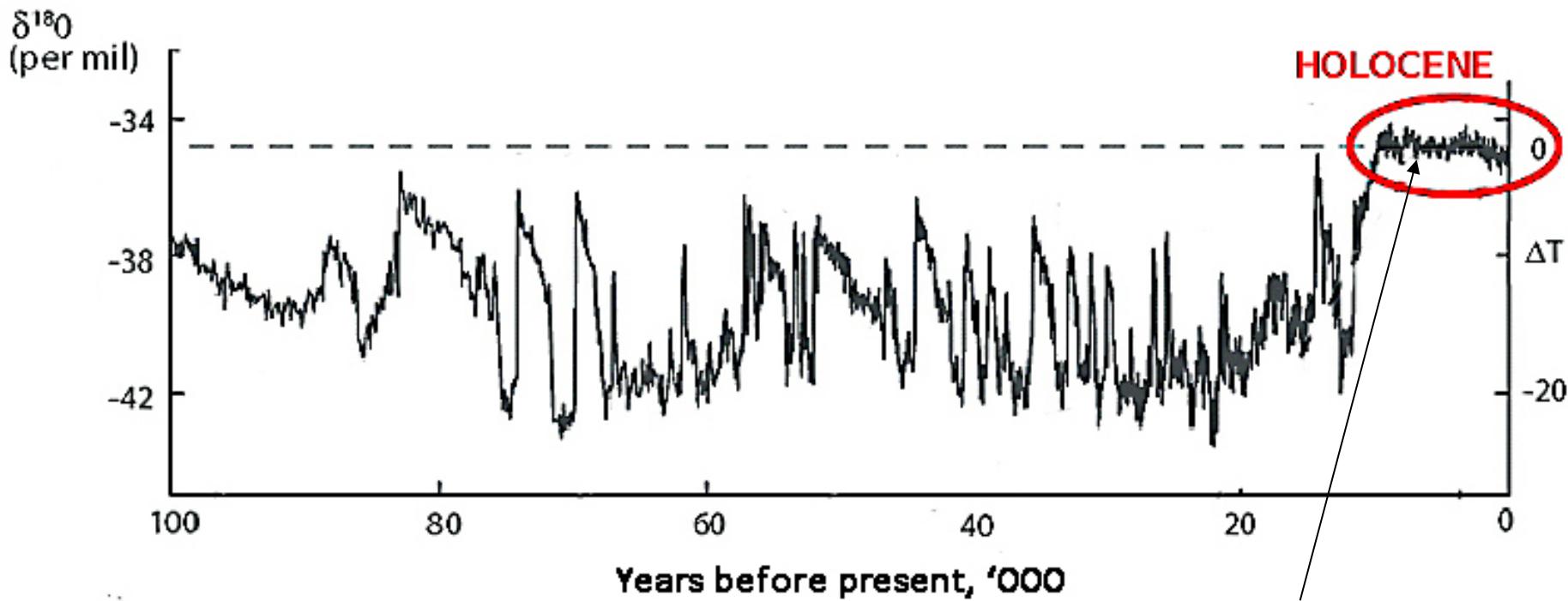


**Stiglitz & Sen
2009**



The Really Long View on Well-being

Temperature on Earth, the last 100,000 years

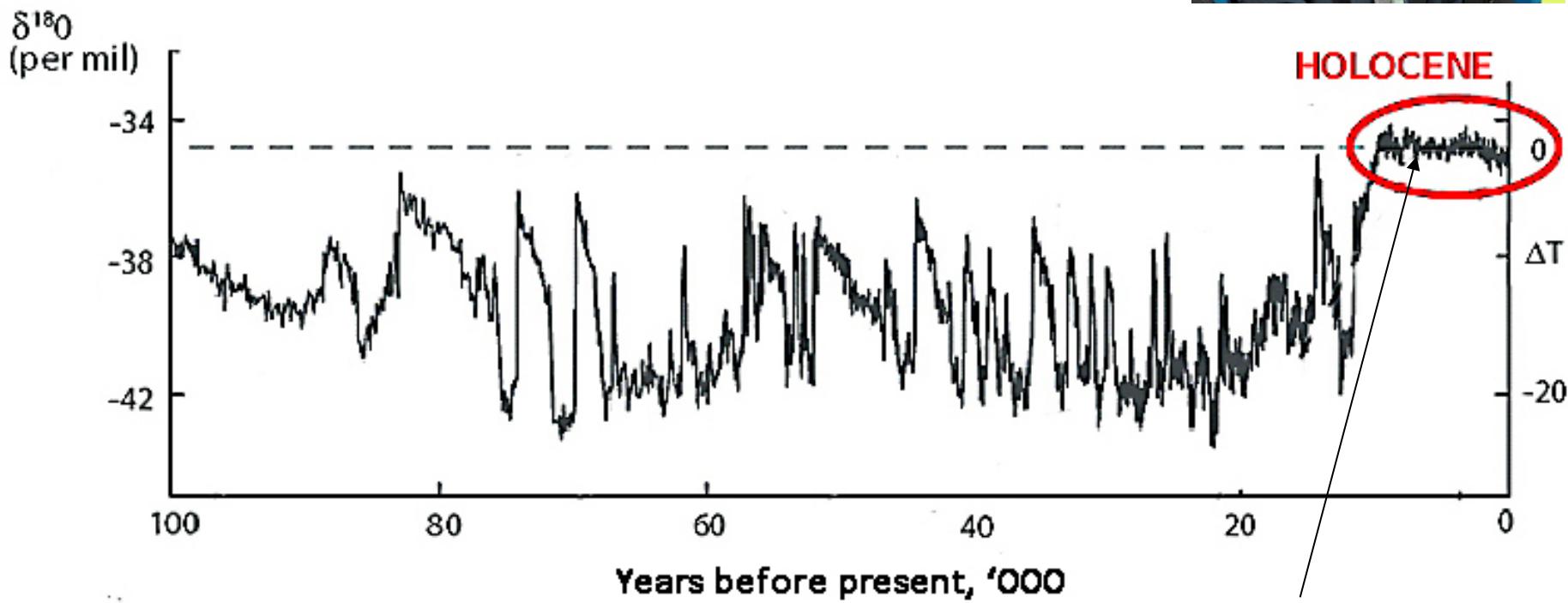


Adapted from Young and Steffen (2009)

The Really Long View on Well-being



Temperature on Earth, the last 100,000 years



Adapted from Young and Steffen (2009)

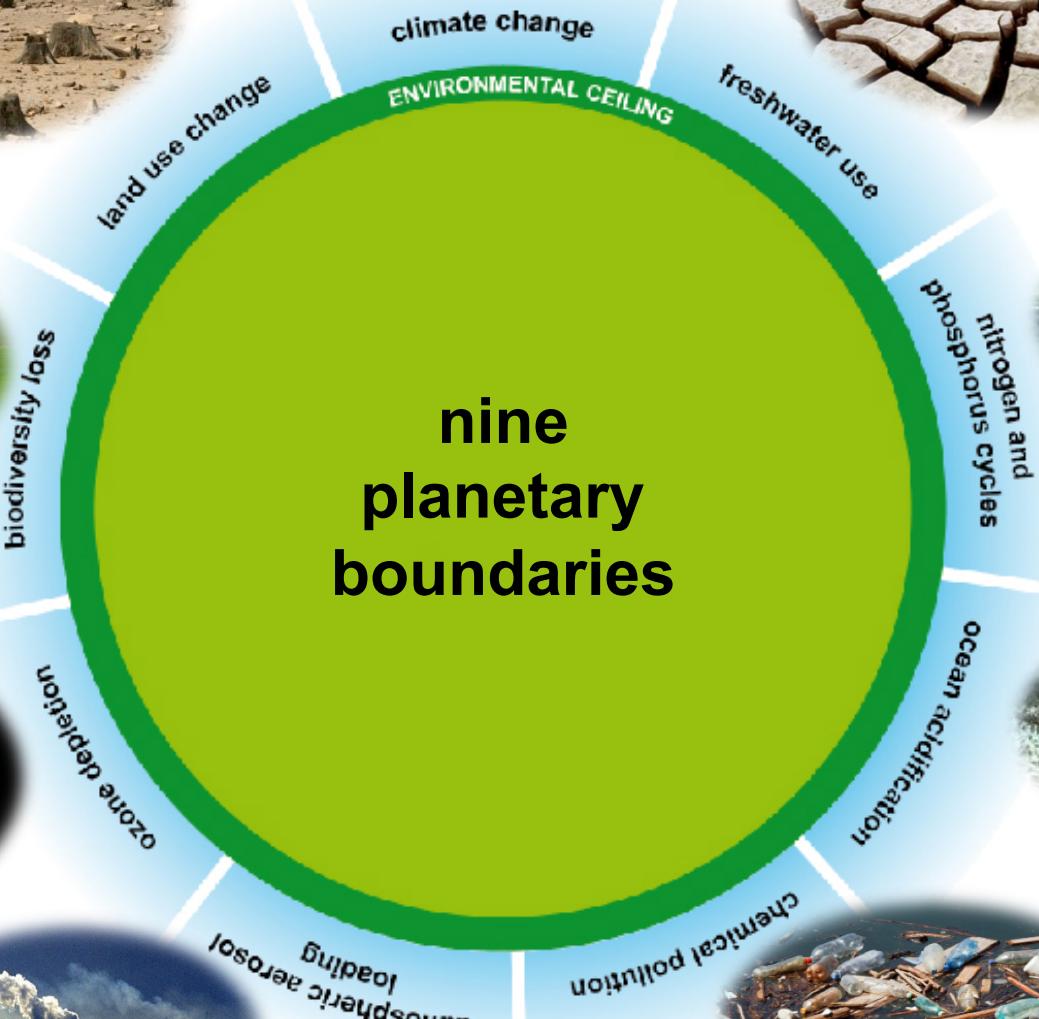


**Understanding the human body
France, 14th century**



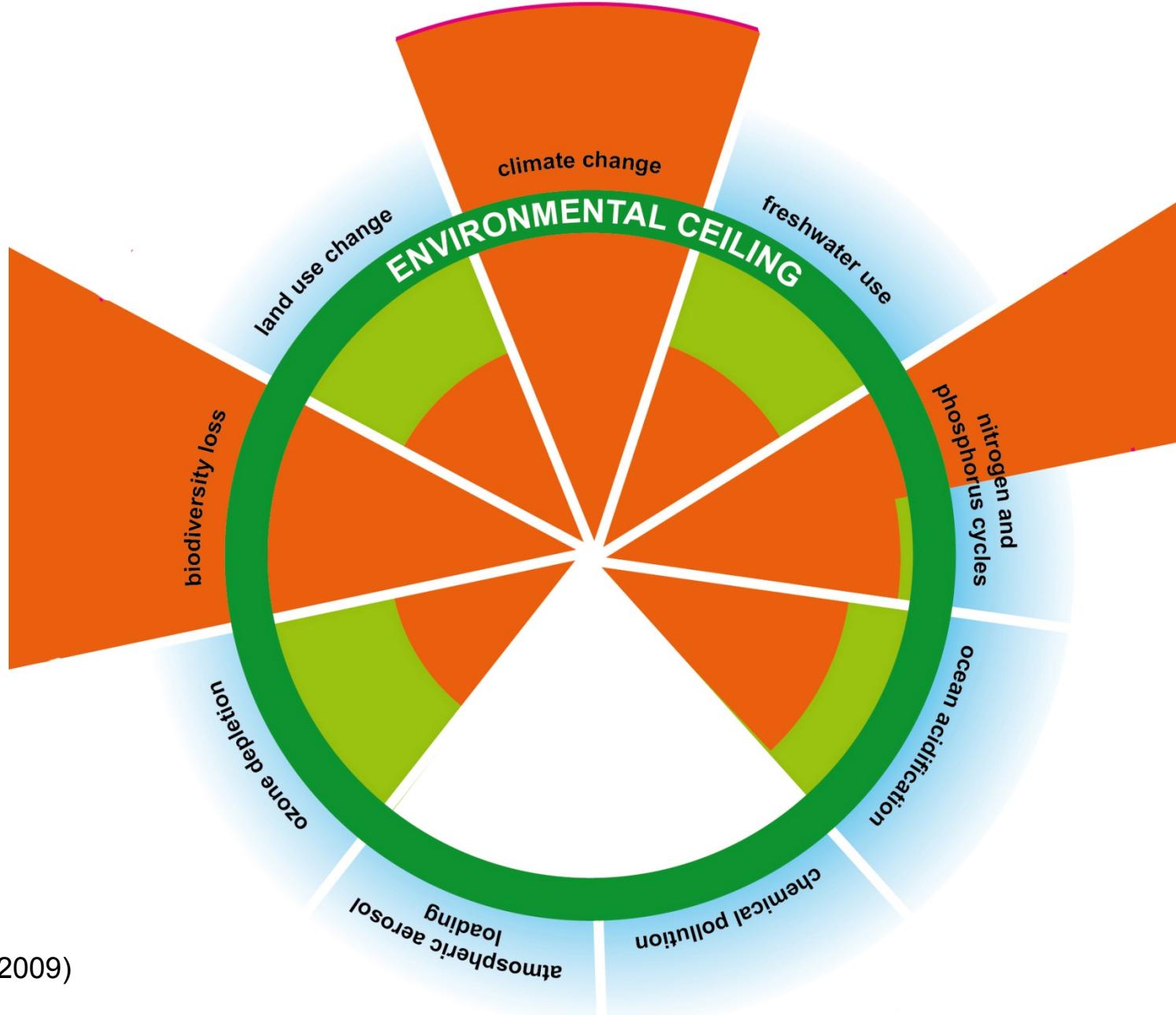
**Understanding Planet Earth
Everywhere, 21st century**

nine planetary boundaries

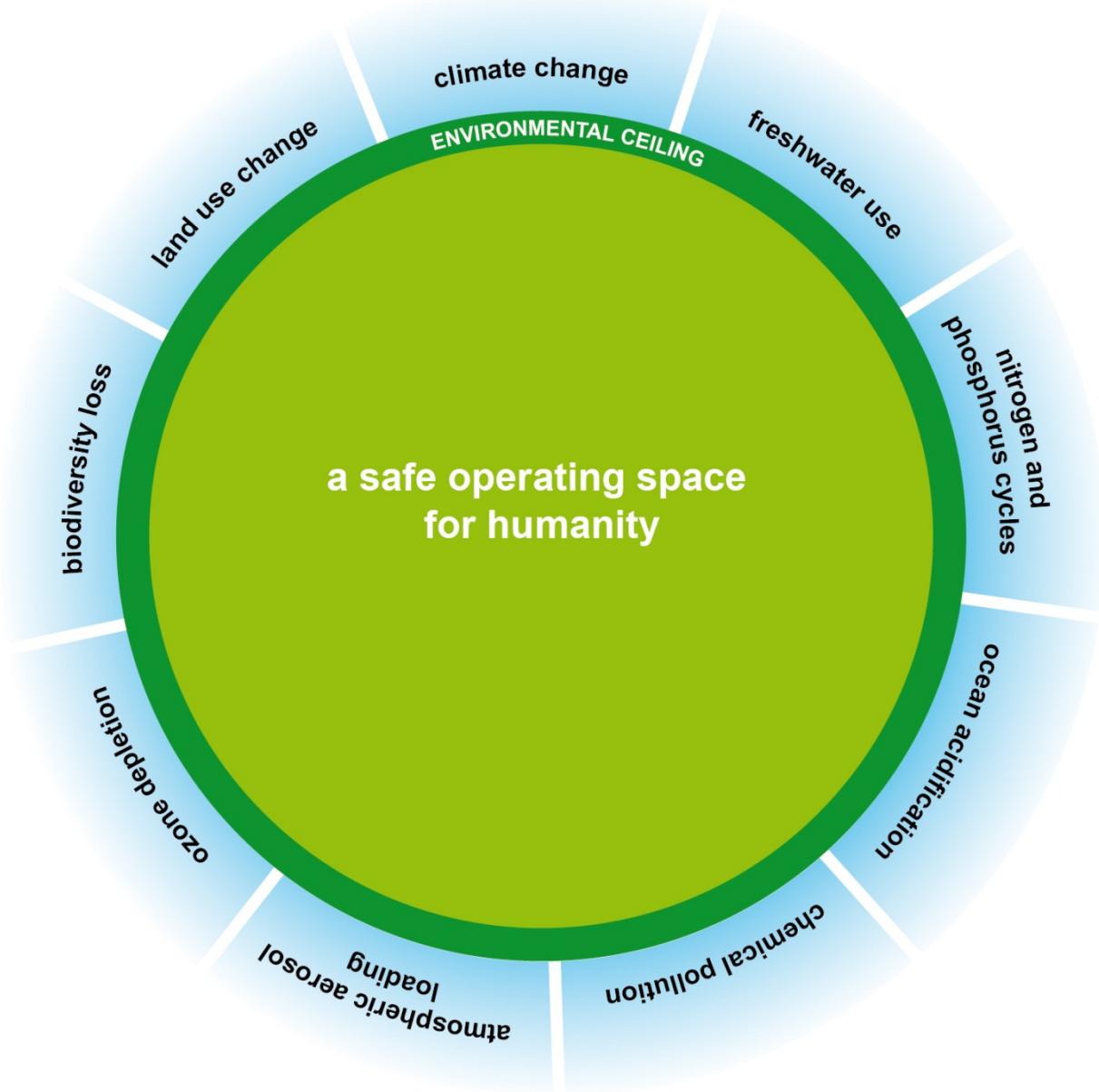


Source:
Rockström
et al (2009)

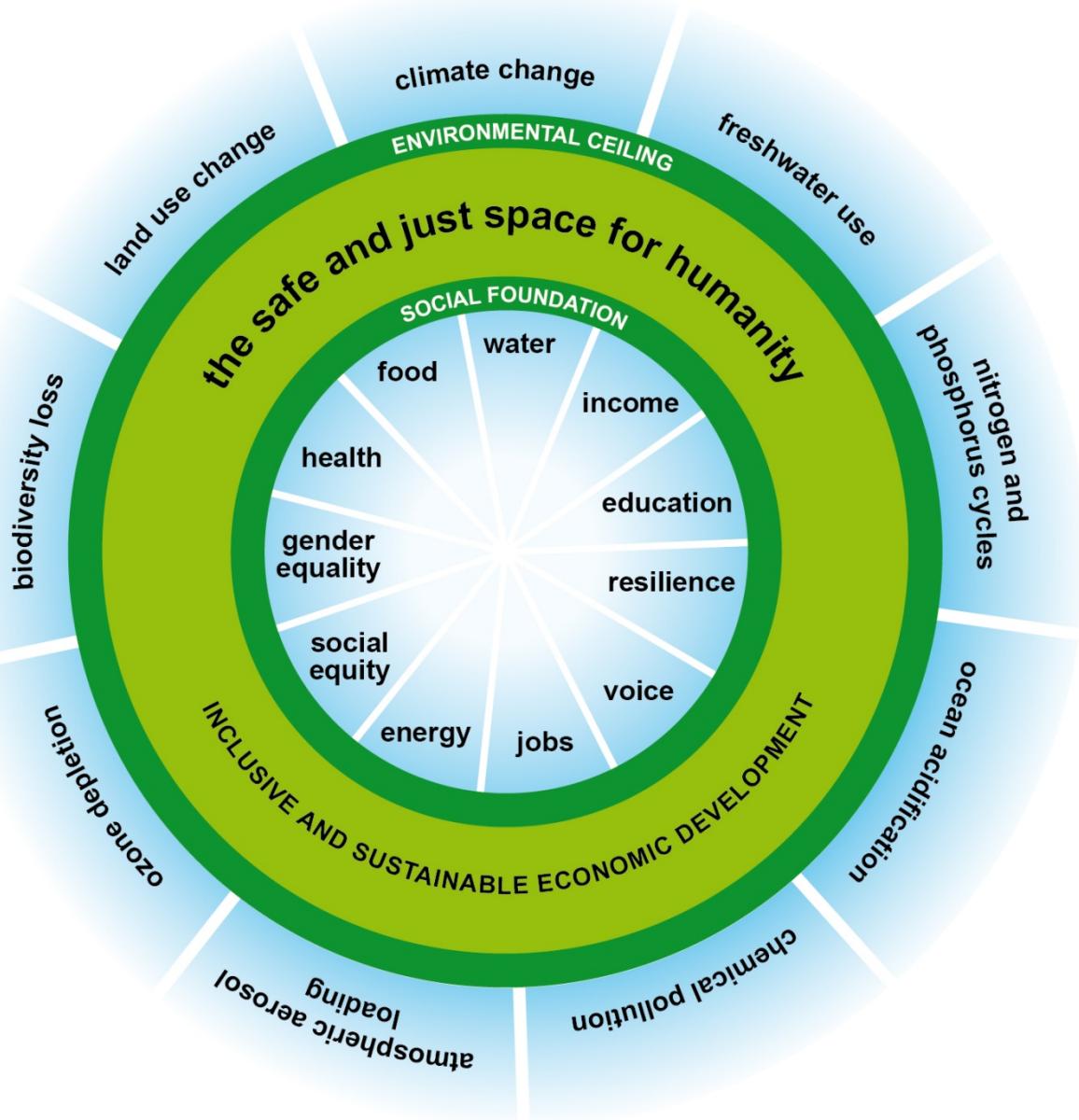
Transgressing planetary boundaries



Nine planetary boundaries



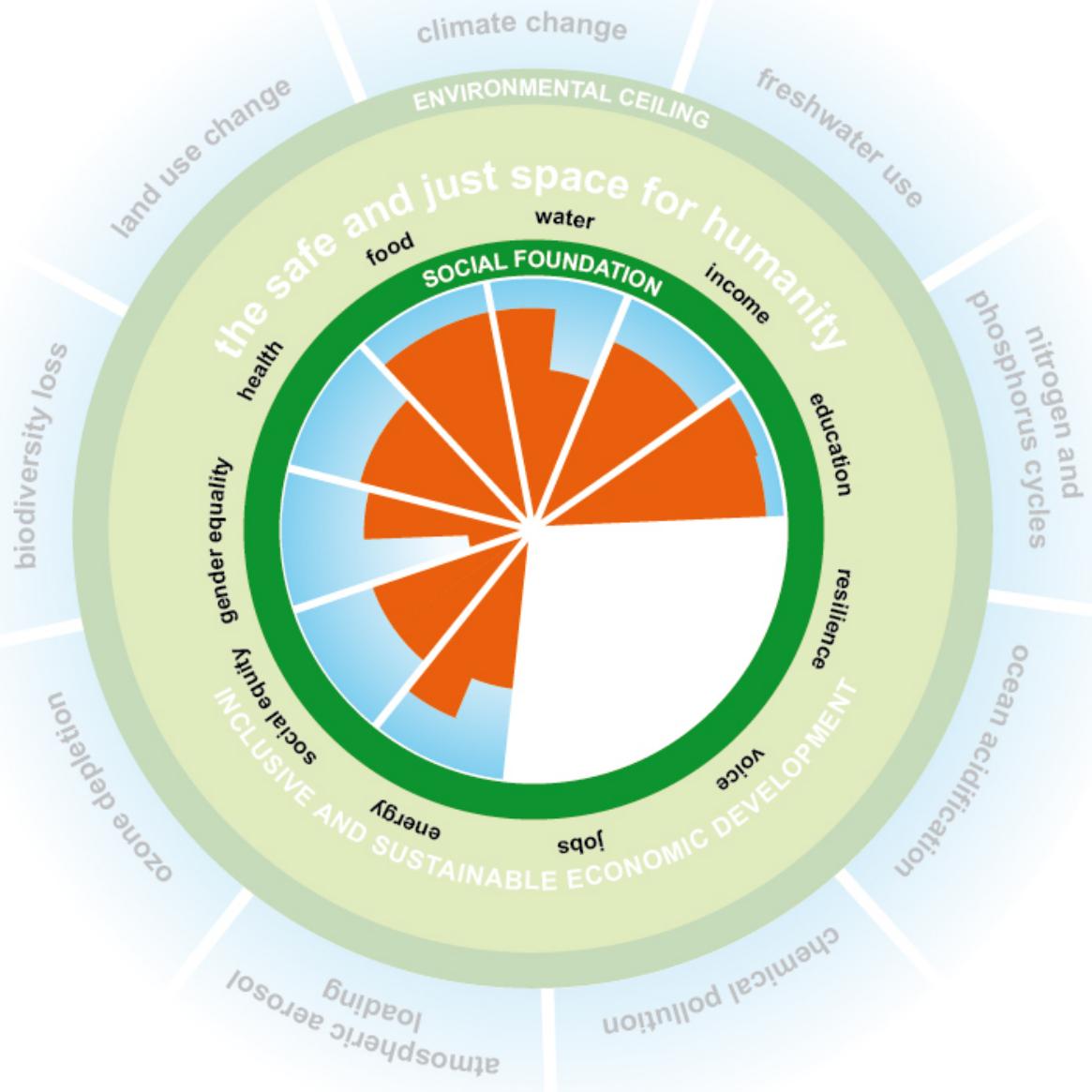
A safe and just space for humanity



A social foundation of human rights



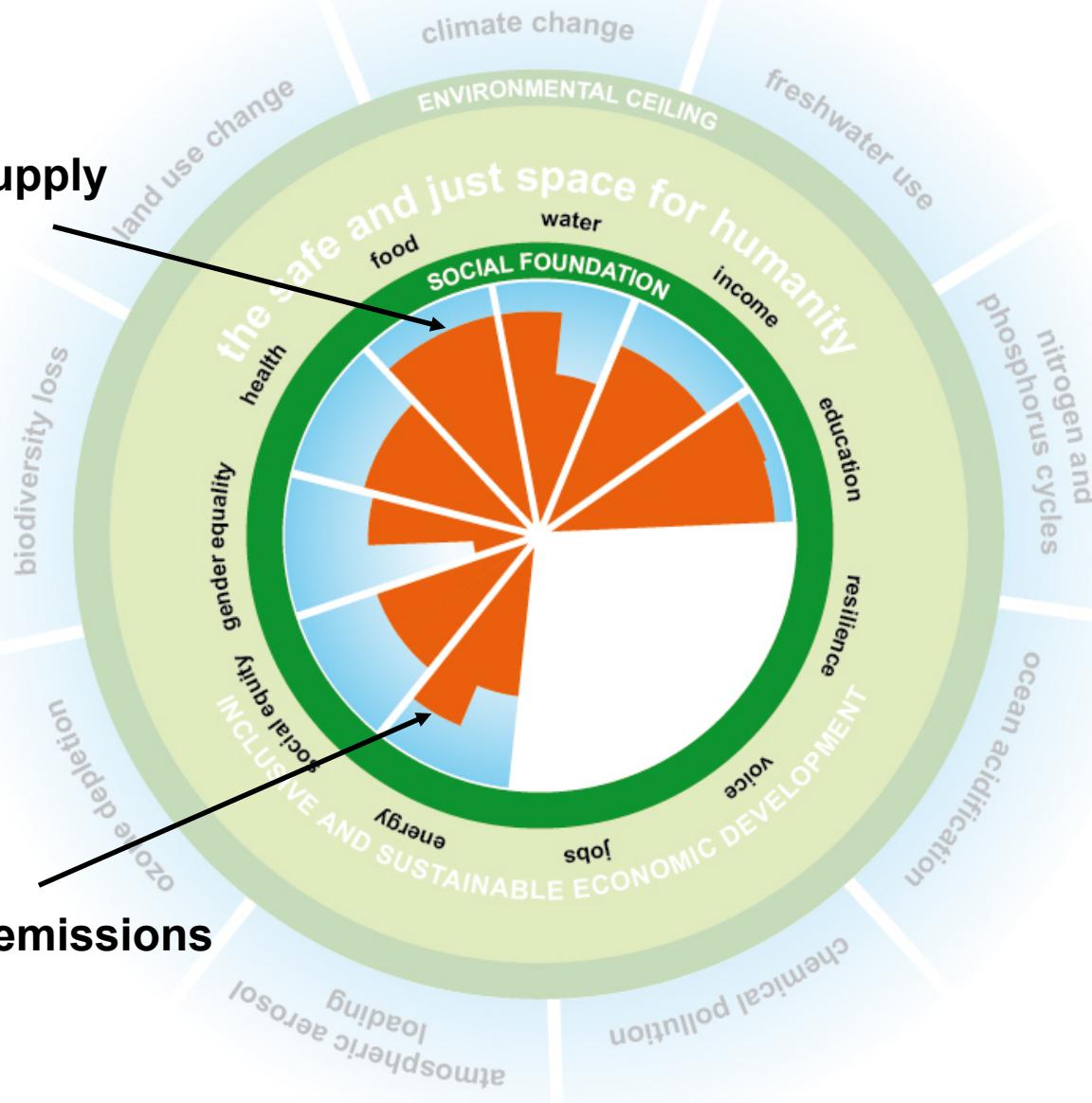
Falling far below the social foundation



Source: UN data

Ending poverty: no pressure on the planet

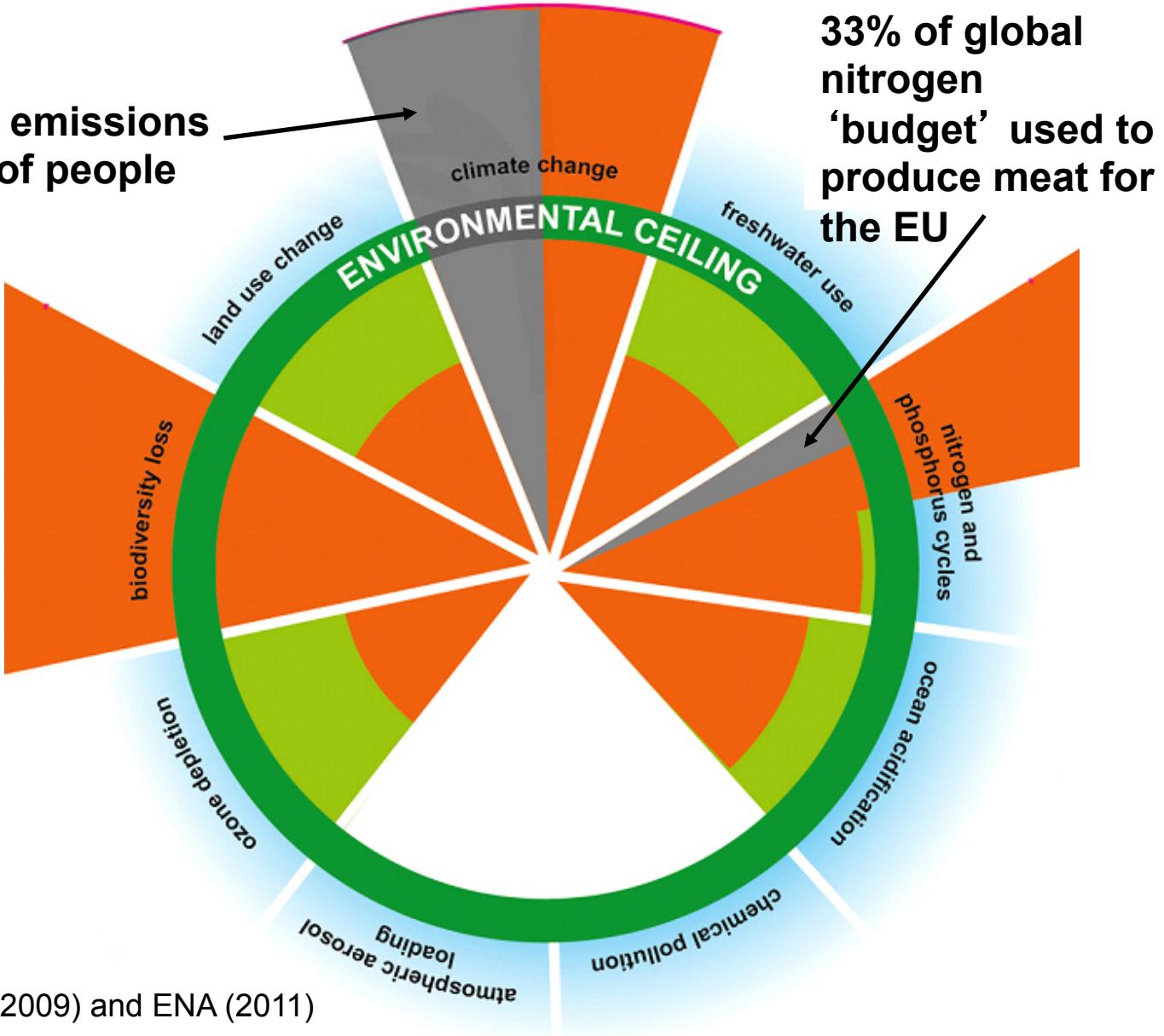
**End hunger for all:
3% of global food supply**



Source: FAO and IEA

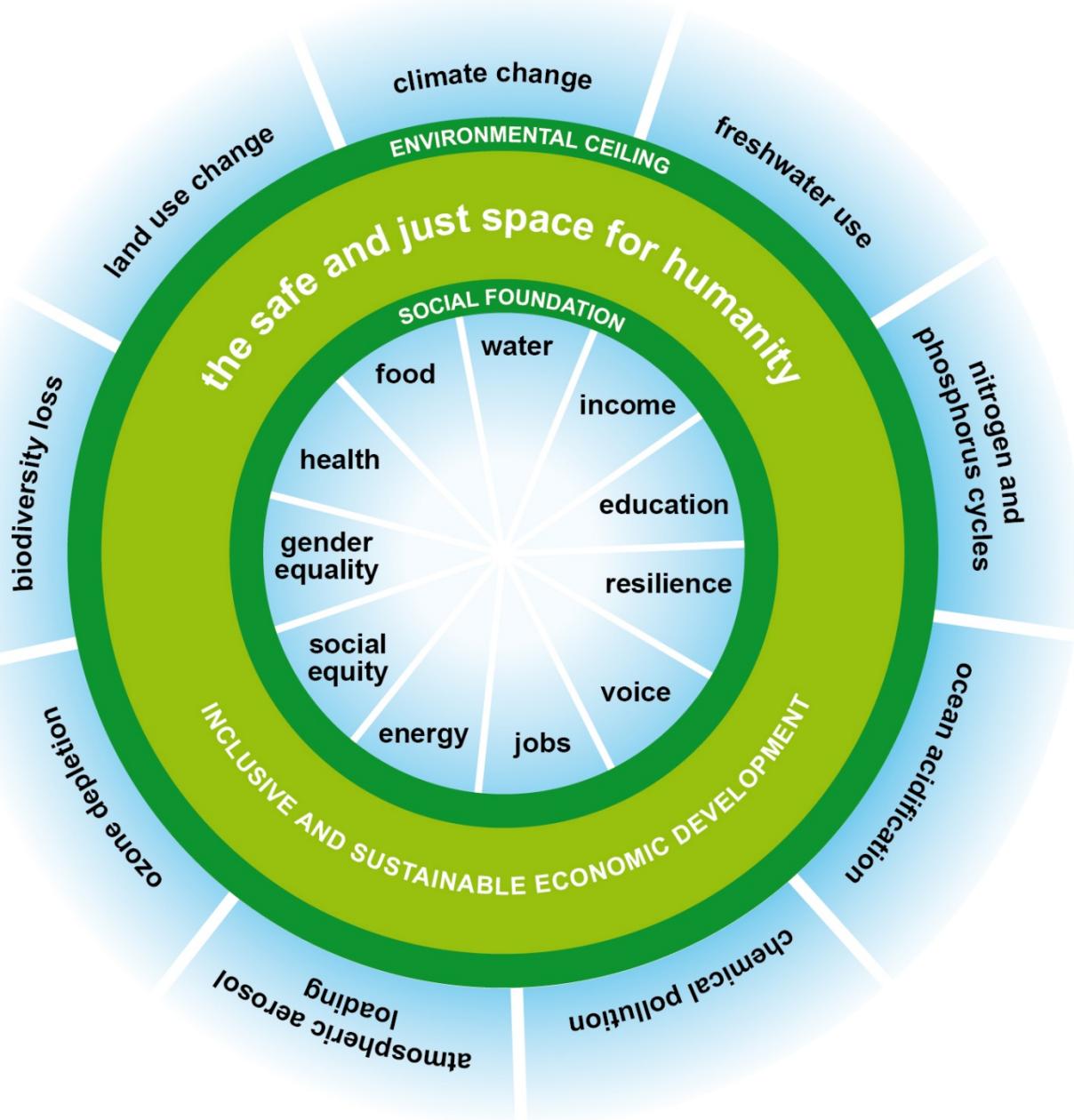
Who's putting pressure on the planet ?

50% of global CO₂ emissions
produced by 11% of people

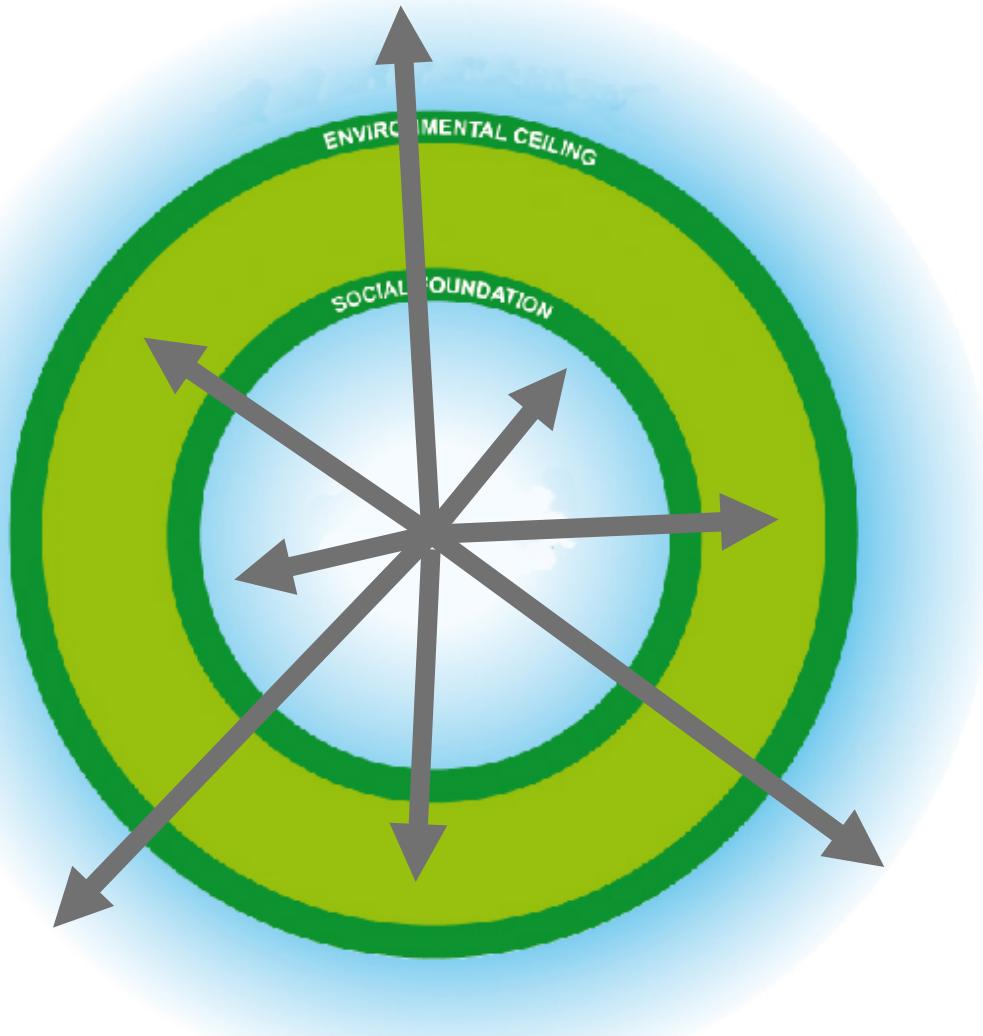


Source: Chakravarty et al (2009) and ENA (2011)

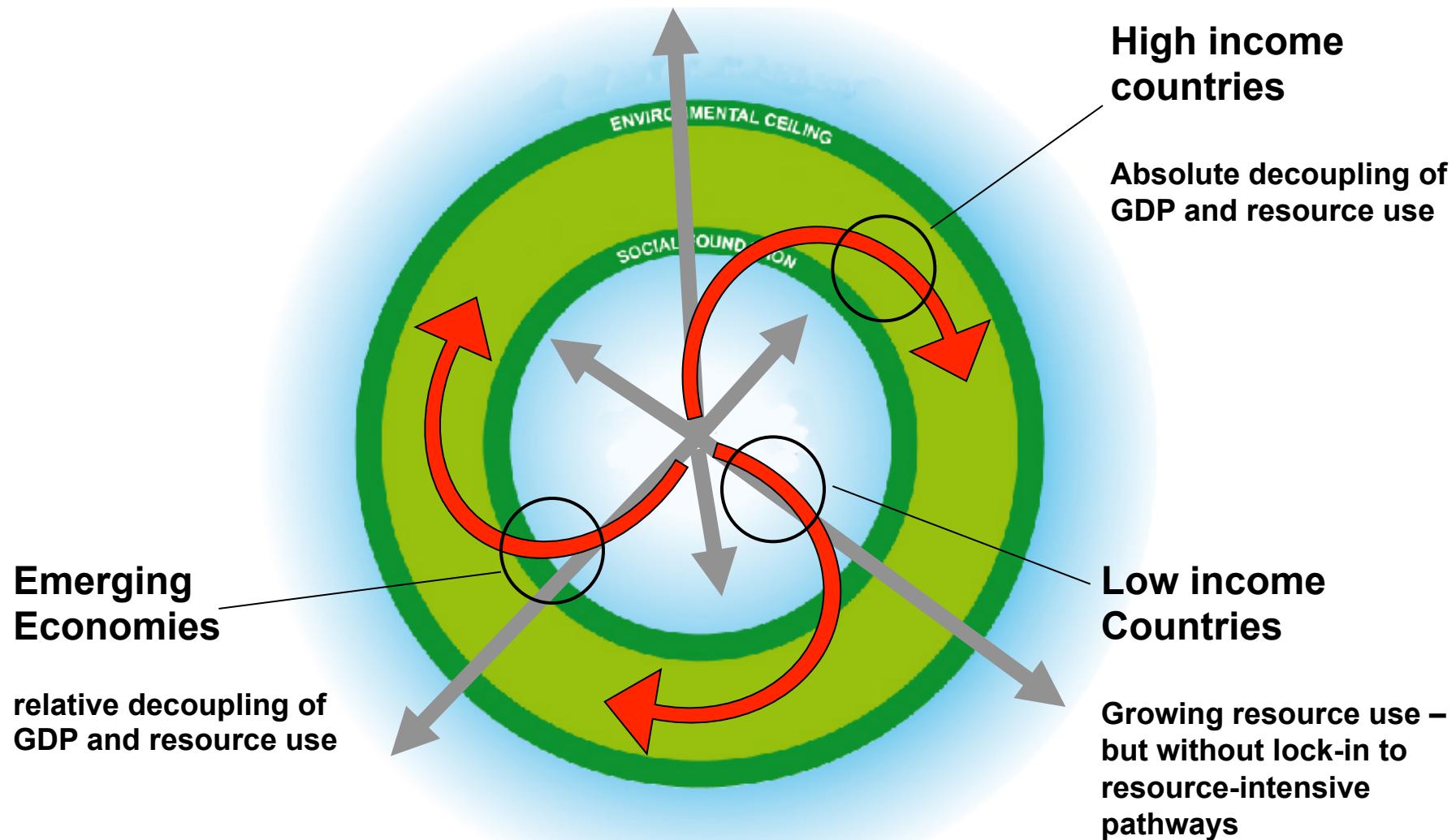
A safe and just space for humanity



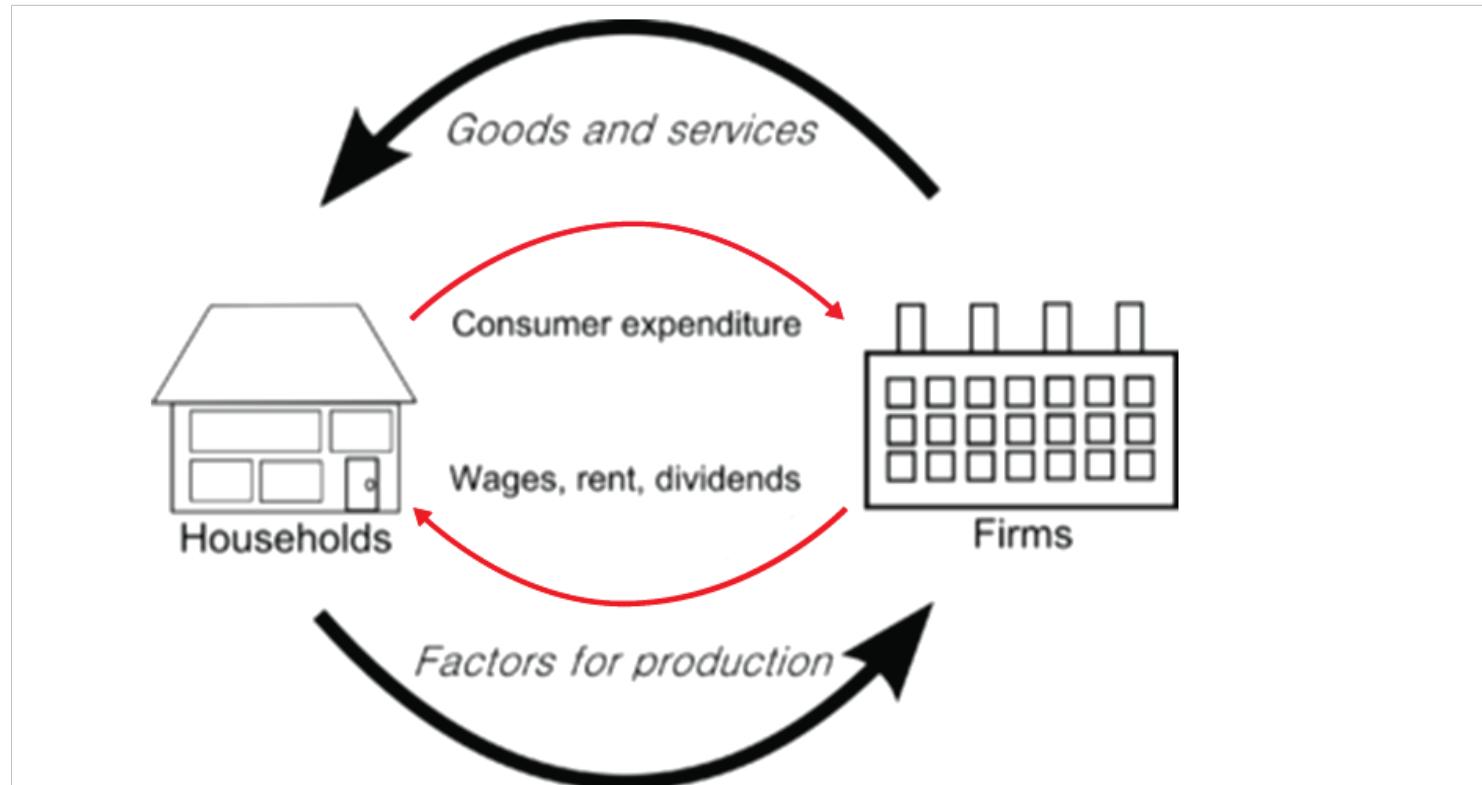
The history of economic growth: unequal and unsustainable pathways



What would pathways of inclusive and sustainable economic development look like?

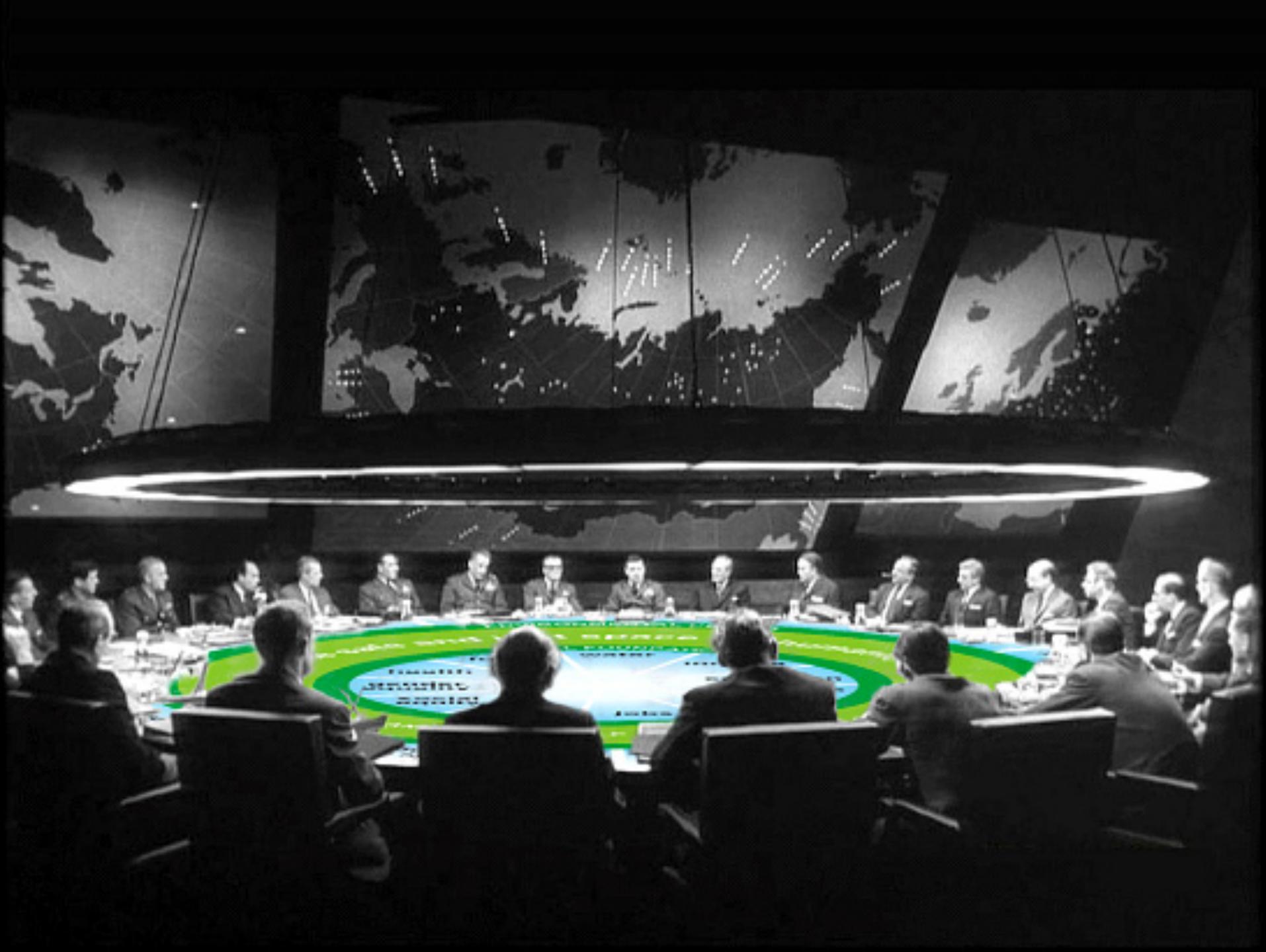


The circular flow of goods and money









Join the doughnut debate...



DOUGHNUT ECONOMICS

FINDING A JUST AND SAFE SPACE FOR HUMANITY

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