

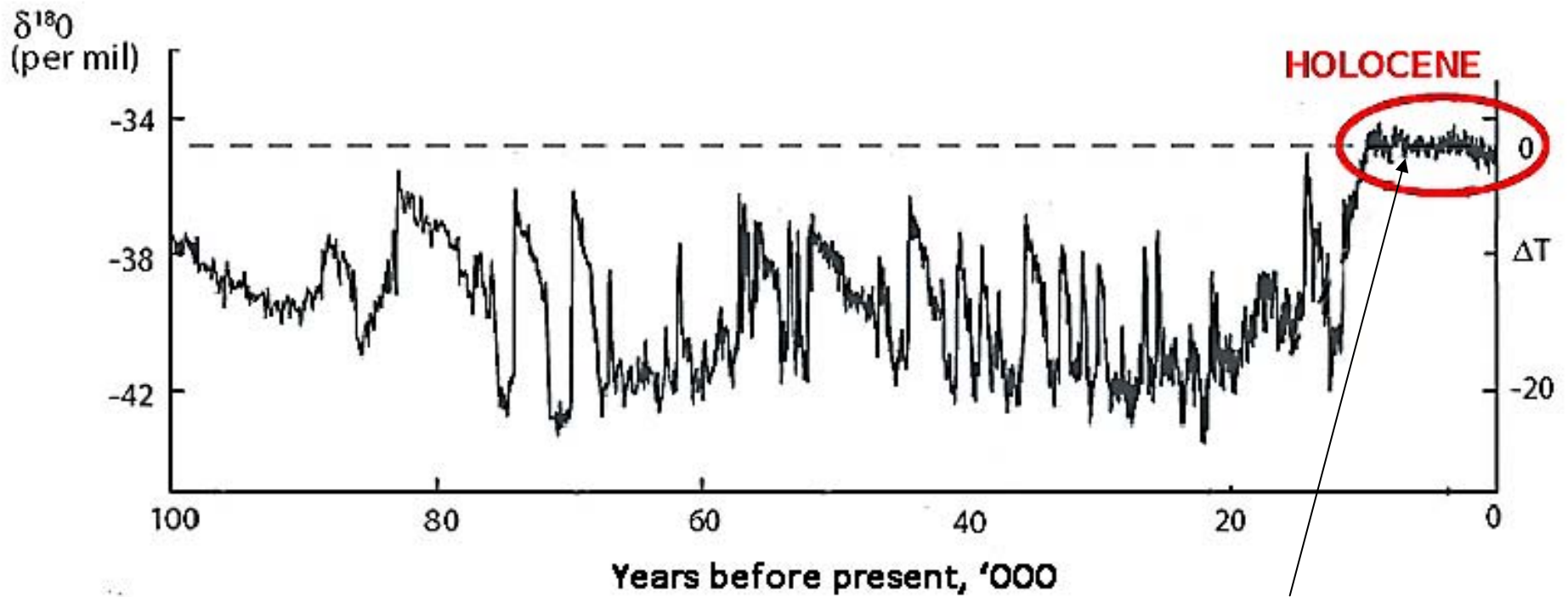
Creating a safe and just space for humanity



**Kate Raworth, Senior Researcher, Oxfam
UNGA 17 October 2012**

The Really Long View on Well-being

Temperature on Earth, the last 100,000 years



The beginning of agriculture

Adapted from Young and Steffen (2009)

land use change



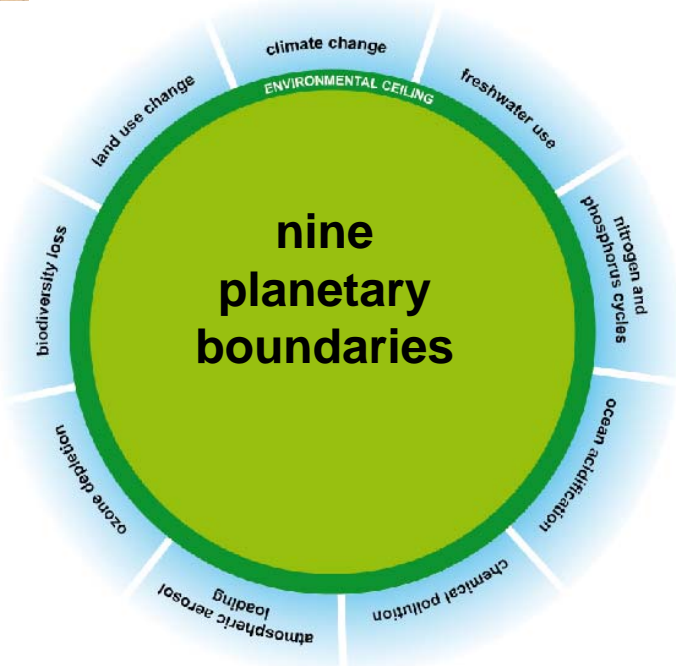
climate change



freshwater use



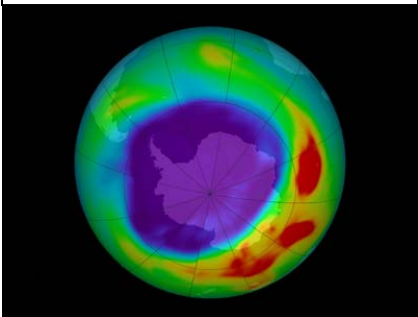
biodiversity loss



nitrogen & phosphorus use



ozone depletion



ocean acidification



aerosol loading

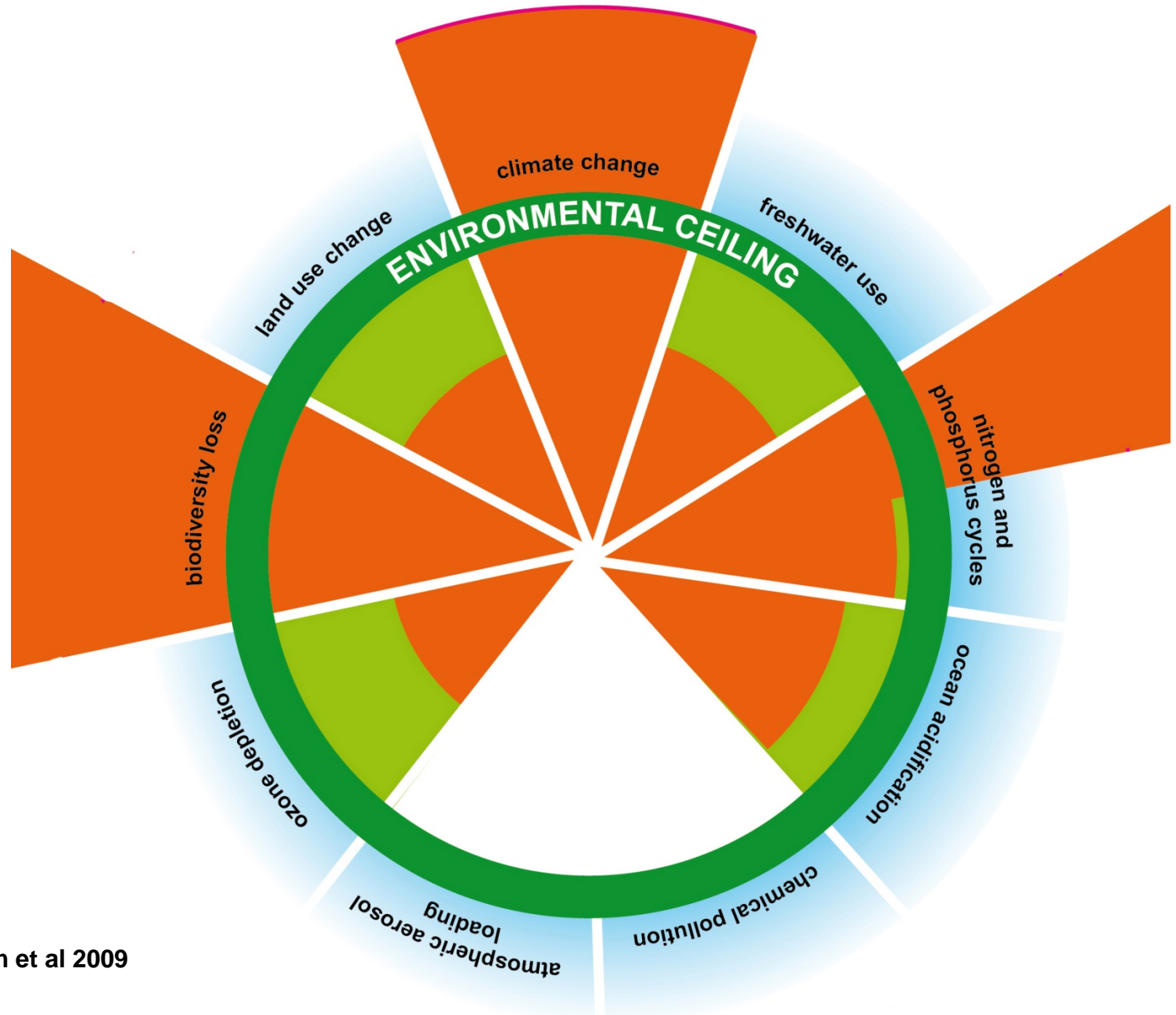


chemical pollution



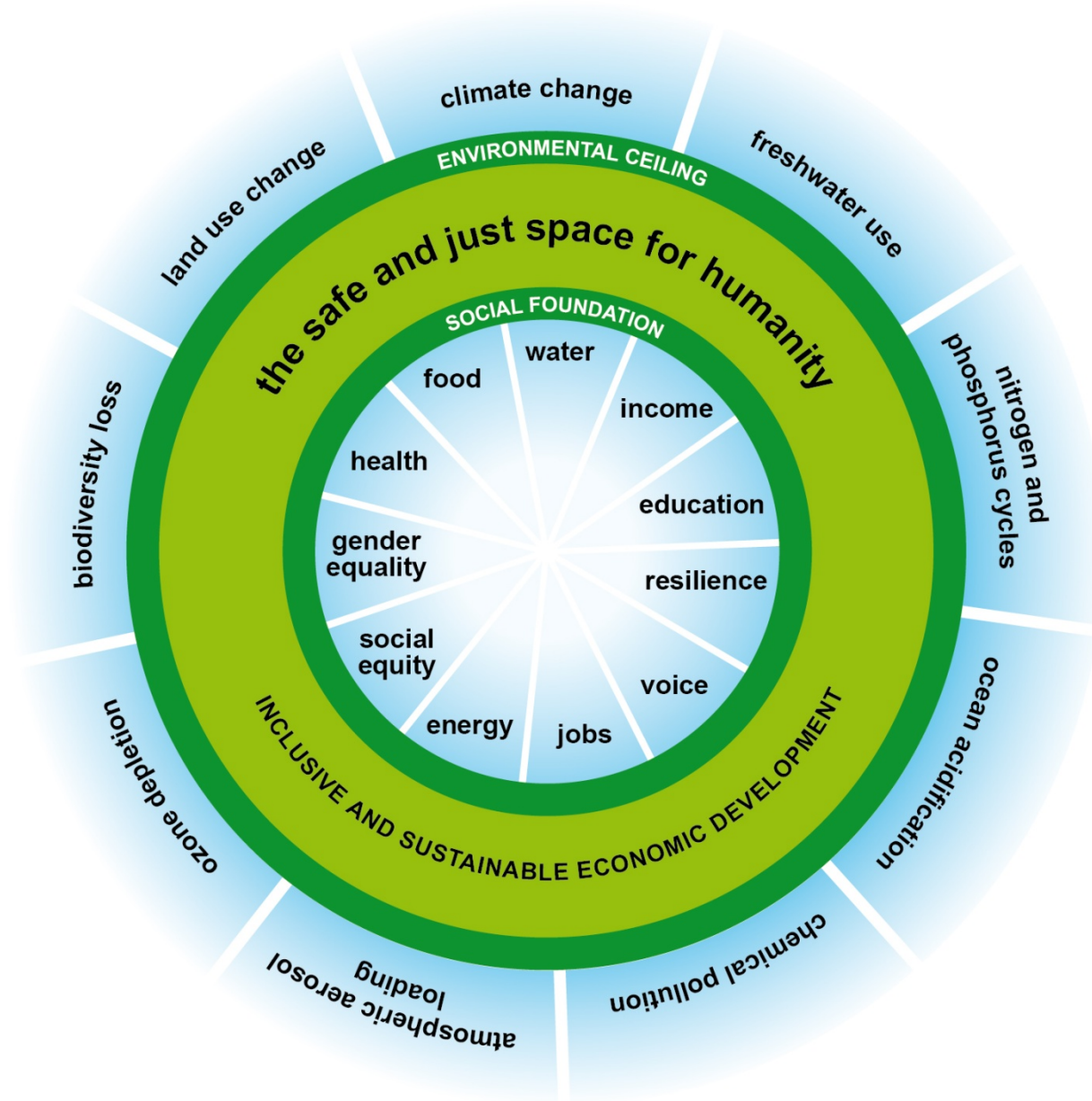
Source:
Rockström et al (2009)

Transgressing planetary boundaries



Source: Rockström et al 2009

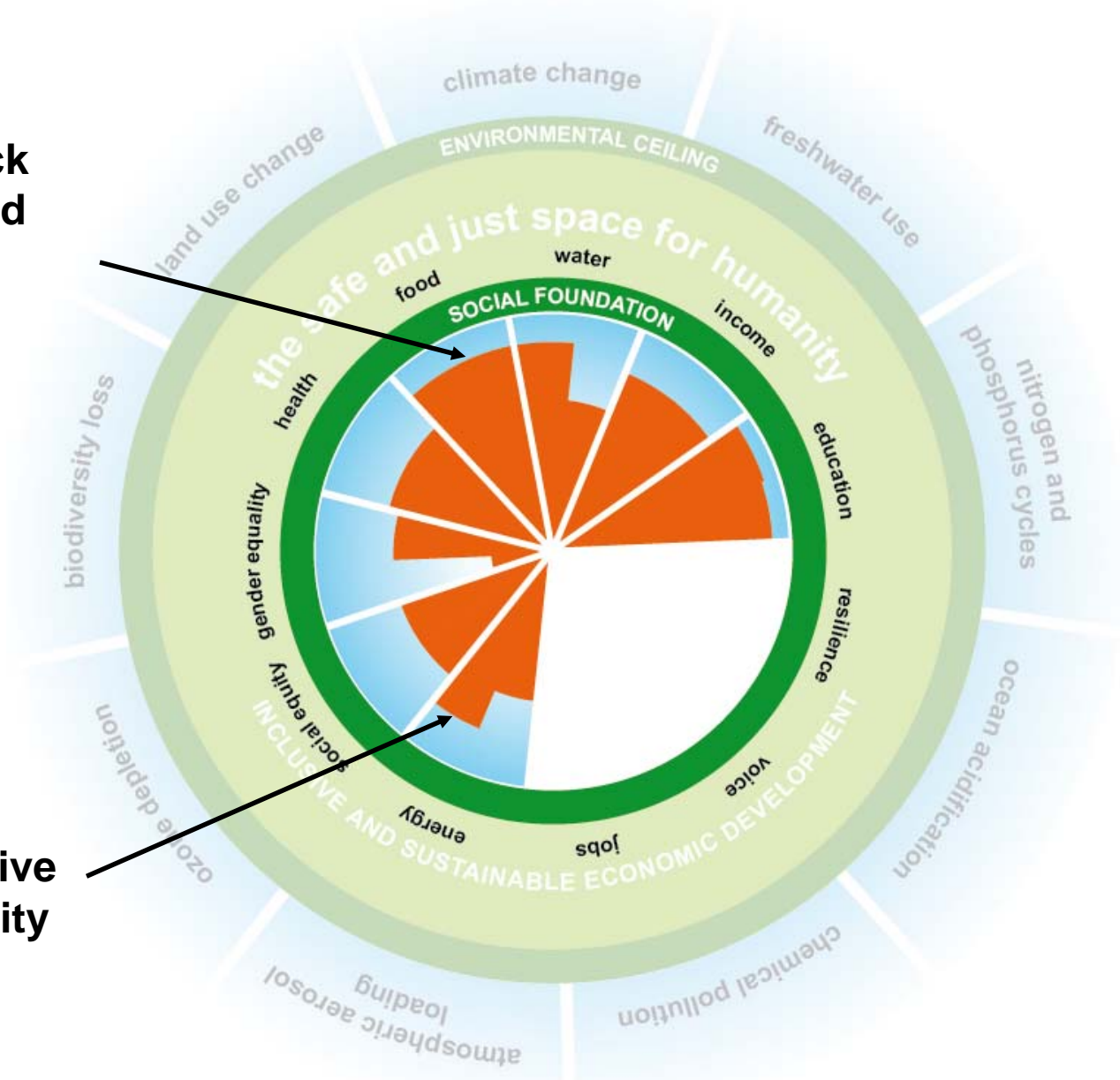
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Falling far below the social foundation

13% of people lack the food they need

19% of people live without electricity

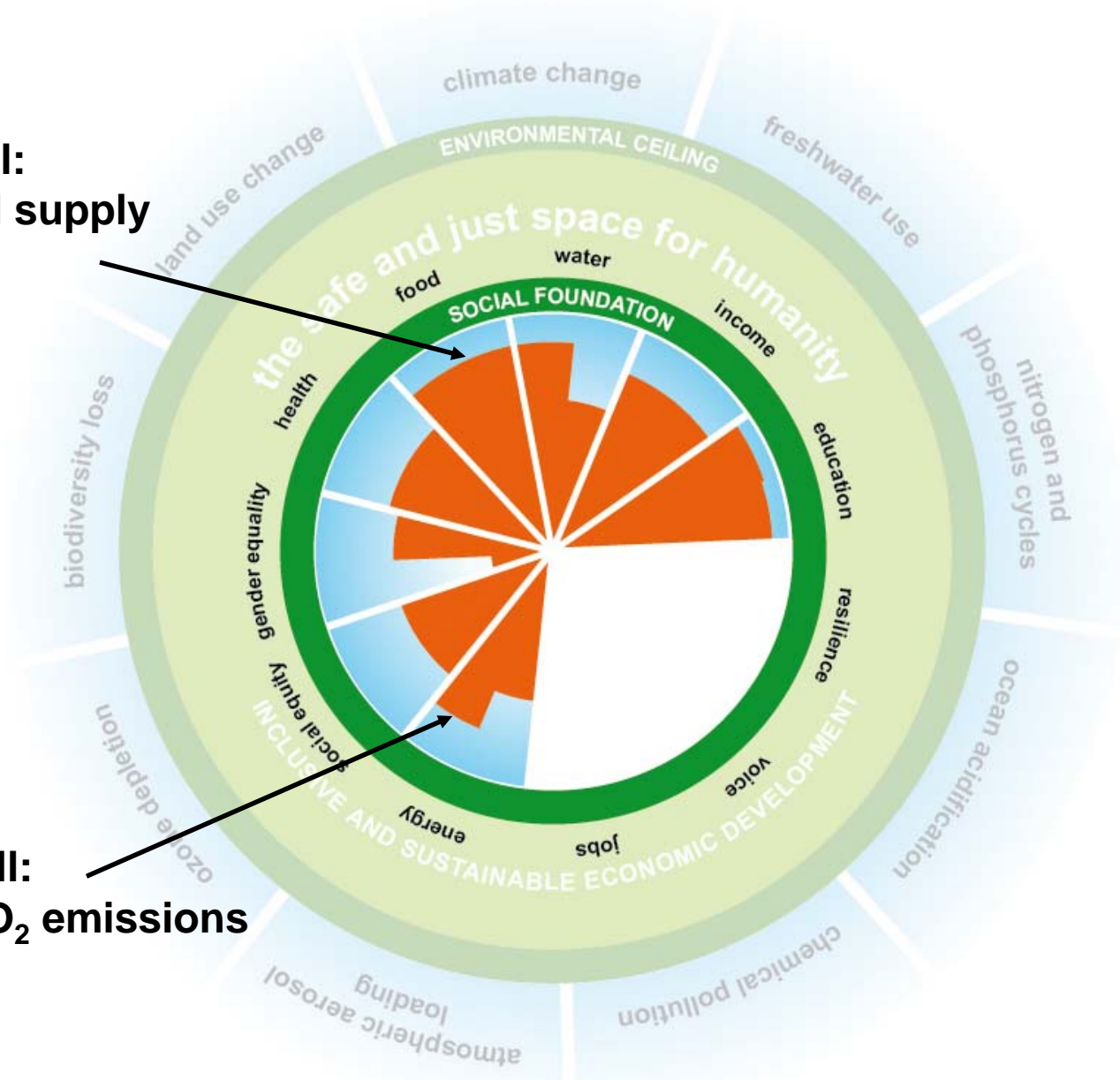


Source: UN data

Ending poverty: no pressure on the planet

End hunger for all:
3% of global food supply

Electricity for all:
1% of global CO₂ emissions

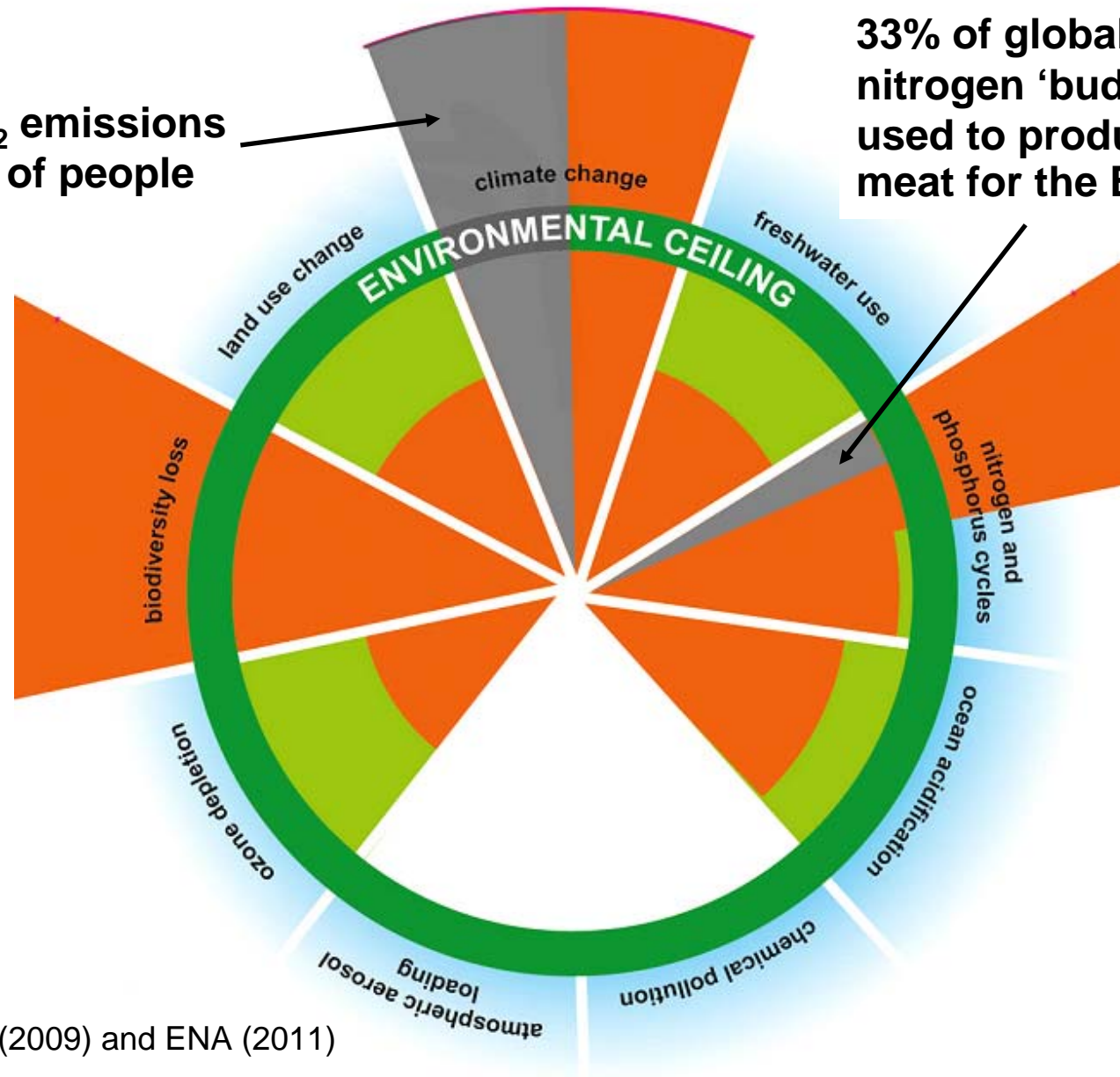


Source: FAO and IEA

Who's putting pressure on the planet ?

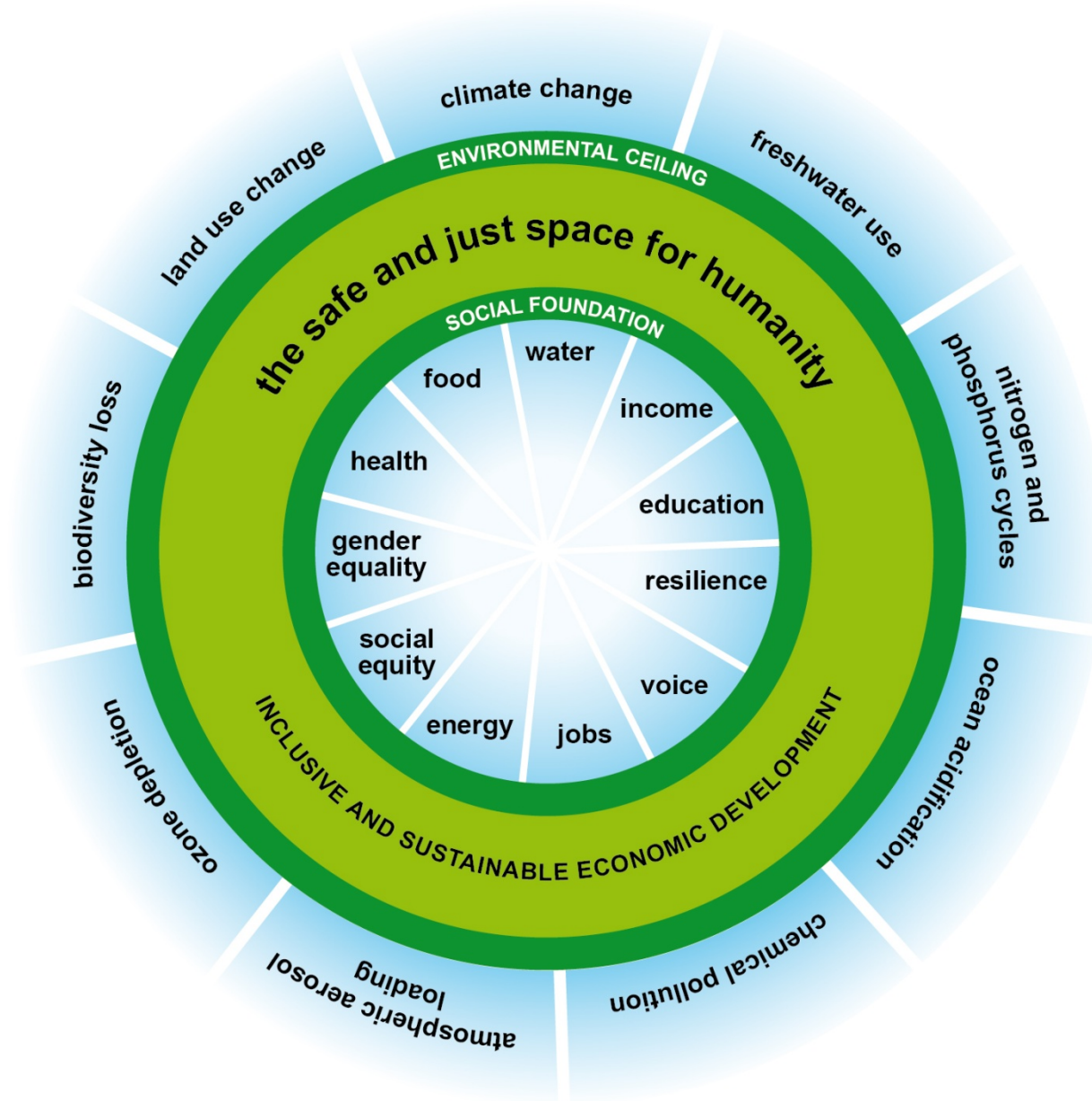
50% of global CO₂ emissions produced by 11% of people

33% of global nitrogen 'budget' used to produce meat for the EU



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

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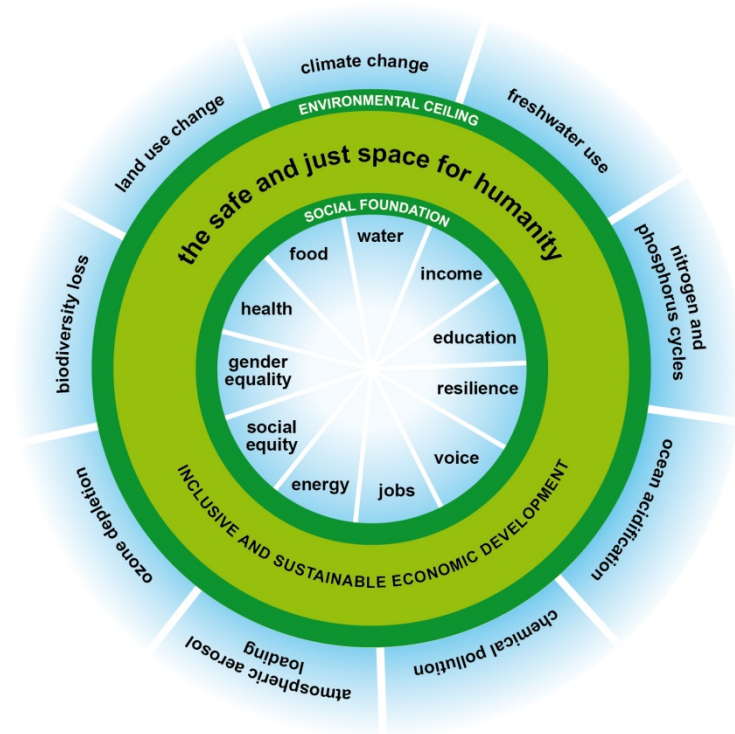




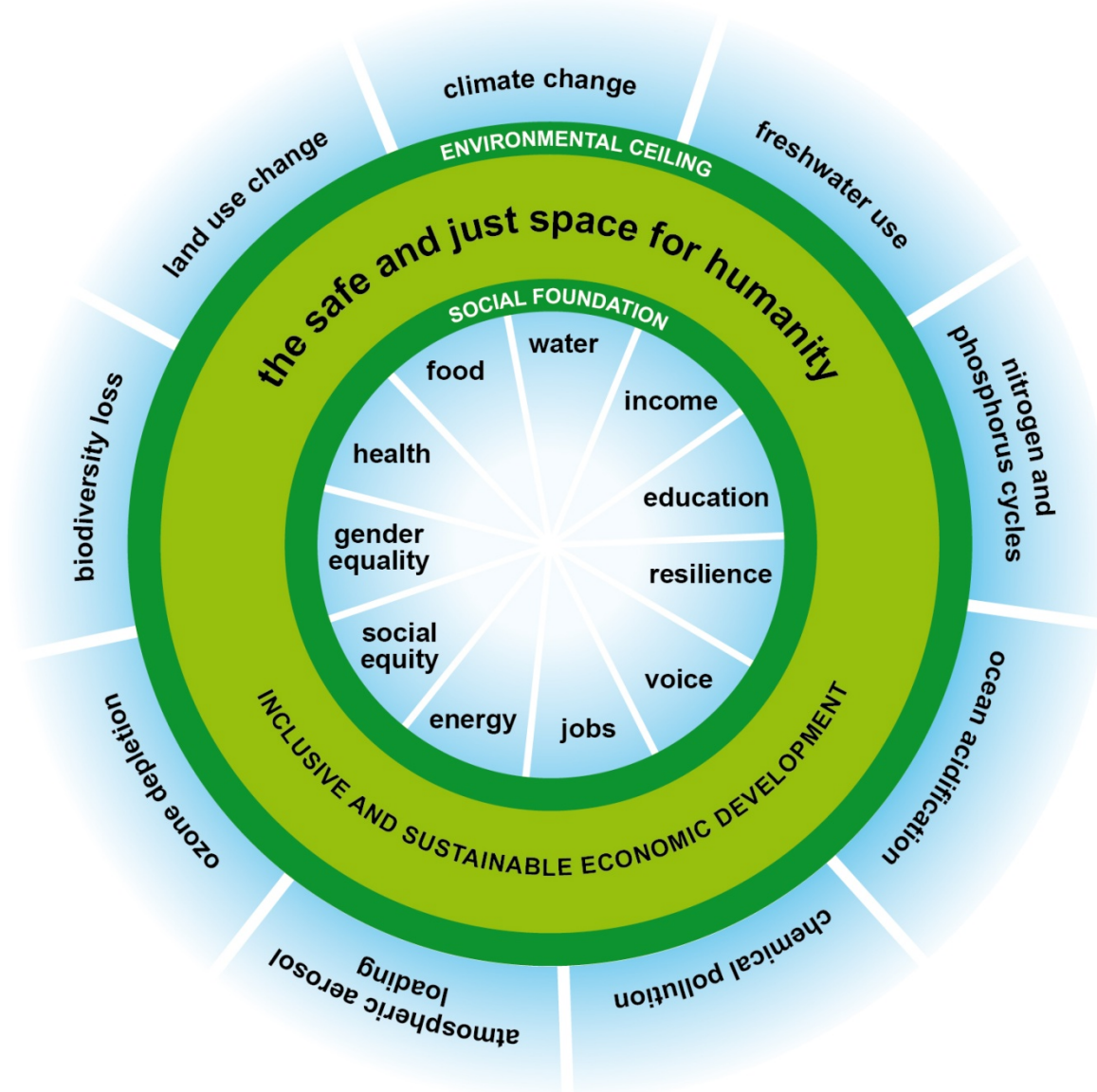


Towards Sustainable Development Goals

- One set of global goals
- Integrating social, environmental and economic pillars
- Targets needed in every country
- Reflecting national realities and capacities
- Thematic goals – with cross-cutting targets



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