

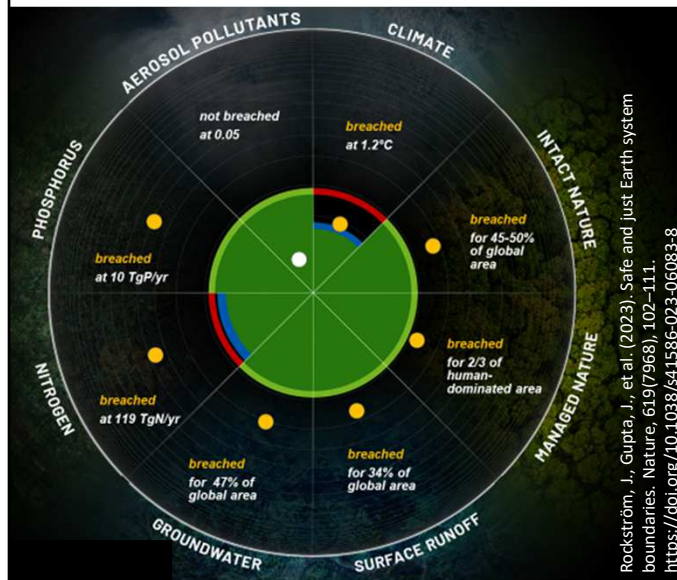


UNIVERSITY OF AMSTERDAM
Faculty of Social and Behavioural Sciences



**LIVING WITHIN OUR BOUNDARIES
REQUIRES RETHINKING OUR SOCIETIES**

JOYEETA GUPTA, CO CHAIR TEN MEMBER GROUP



CLIMATE CHANGE MOST IMPORTANT

- Costs \$ 16 Million per hour
- 5-6 years before crossing 1.5C
- Big challenge phasing down fossil fuel
- FF is worth between \$16 & 295 Trillion
- Subsidies at least \$7 Trillion
- Social costs of Carbon not integrated
- Large MNCs should focus on true zero
- Energy transition needs to be financed
- Need for programmatic vision

Creating a Hub to Exchange Information on Science & Technology

STEM

- Designing compact cities
- Designing efficient etransport
- Decarbonized buildings
- Reducing scope 1,2 & 3 emissions
- Etc.

Social science, law, economics

- Understanding human behaviour
- Shaping voting politics
- Mobilizing societies for change
- Shaping consumer preferences
- Etc.

Technology and infrastructure

- Can enhance development, but also empty our resources & pollute our sinks
- Geoengineering can address climate change but also affect water cycle and human rights
- Generative AI can improve agriculture and also undermine democracy and scientific knowledge
- Antibiotic/fungicide use and disposal can lead to antibiotic/fungicide resistance
- We need the precautionary approach to shape which technologies we use and under what conditions- A Hippocratic oath for technology producers



UNIVERSITY OF AMSTERDAM
Faculty of Social and Behavioural Sciences



**GOOD POLICY MAKES SAFE SOCIETIES
UNDERSTANDING SOCIETY HELPS TO SHAPE SOCIETY**

JOYEETA GUPTA, CO CHAIR TEN MEMBER GROUP