



The Elephant in the Room and the Hidden Dimensions of Transformation

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Globethics - WSIS Forum

April 11, 2019





SUSTAINABLE DEVELOPMENT GOALS



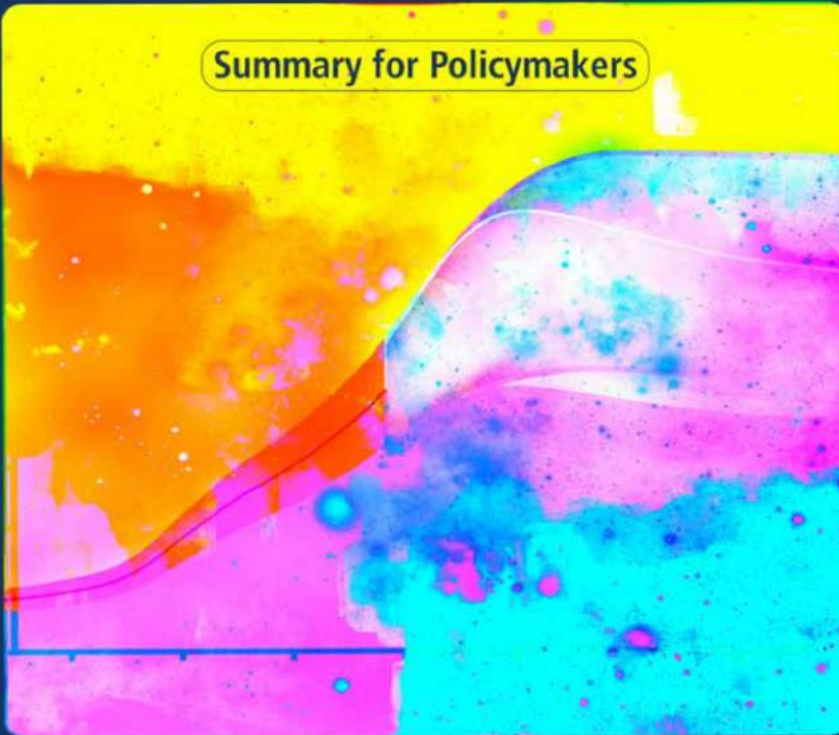
ipcc

INTERGOVERNMENTAL PANEL ON climate change

Global Warming of 1.5°C

An IPCC Special Report on the impacts of global warming of 1.5°C above pre-industrial levels and related global greenhouse gas emission pathways, in the context of strengthening the global response to the threat of climate change, sustainable development, and efforts to eradicate poverty

Summary for Policymakers



WG I WG II WG III

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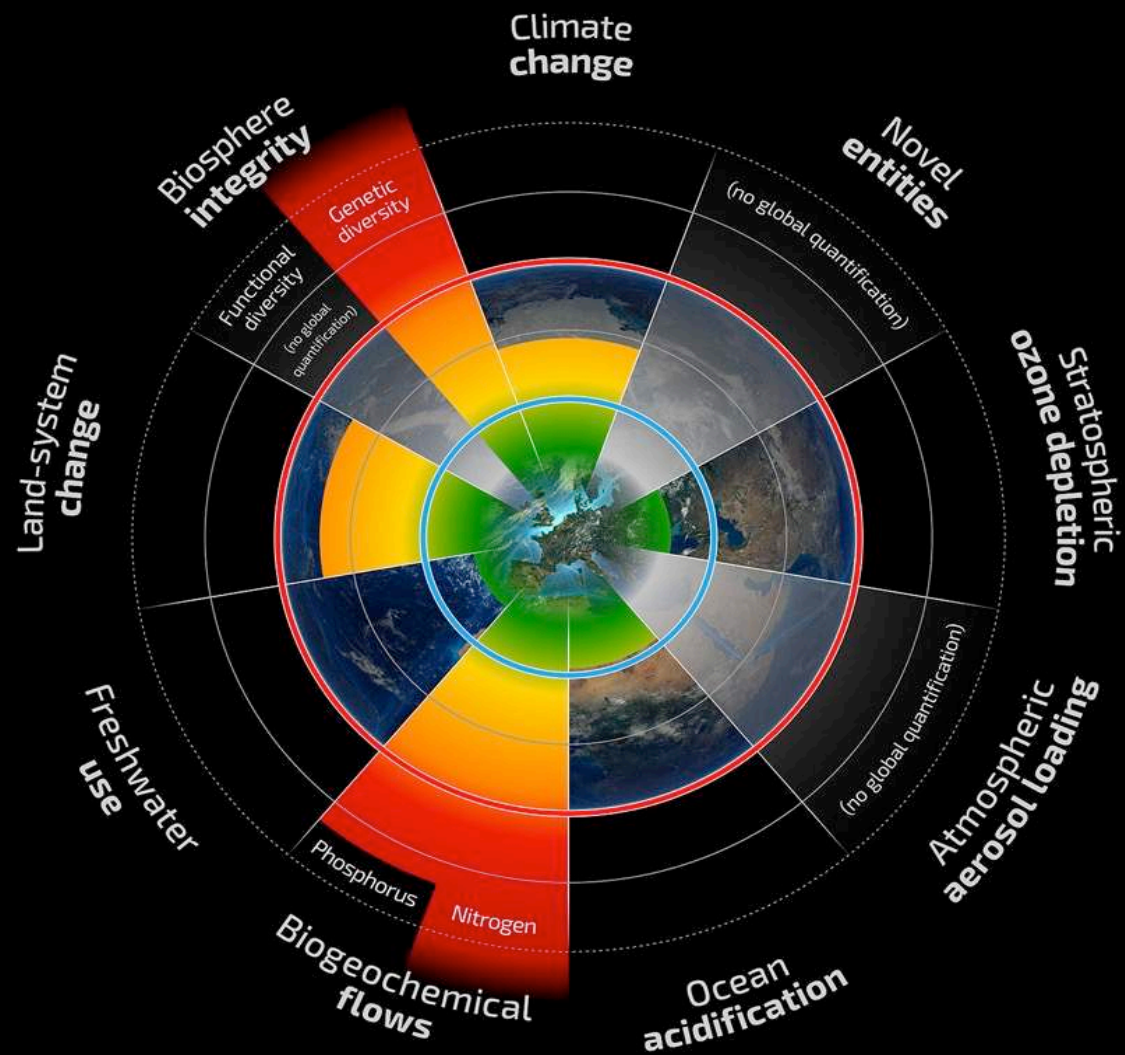


The earth is warming much faster than expected and we are on track to reaching 3°C rather than stay below 2°C as per the Paris Agreement



There is hope!
Transformation is Feasible

What are the Planetary Boundaries?



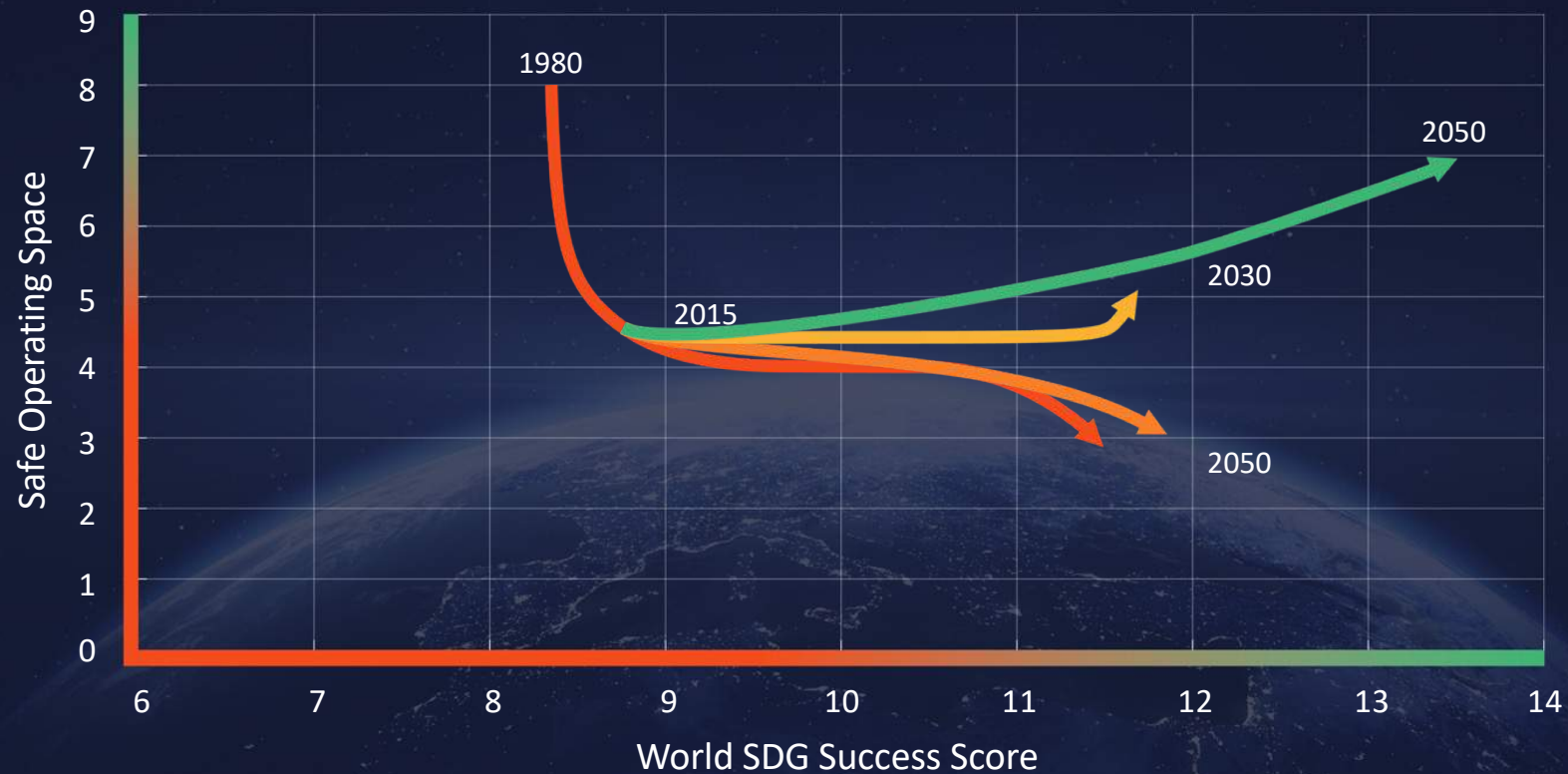
Source: Courtesy of Johan Rockström (2018)

SDG fulfillment is possible ONLY within Planetary Boundaries



Source: Courtesy of Johan Rockström (2018)

SMART could do it with 5 transformative actions



Source: Courtesy of Johan Rockström (2018)


The SMART Way

5 Transformational Policies that Work



1. Accelerated renewable energy growth:
 - halving emissions every decade from 2030 on
2. Accelerated productivity in food chains:
 - +1% p.a. better productivity
3. New development models in developing countries:
 - copying features of S-Korea, Chinese, Ethiopian successes
4. Active inequality reduction:
 - ensuring 10% richest < 40% of income
5. Investment in education, gender equality, family planning, and health is stabilizing the world population
 - improving well-being with reduced ecological footprint

Source: Randers J, Rockström J et al (2018) Transformation is feasible

A close-up photograph of a nest filled with straw. Several large, smooth, golden eggs are nestled within the straw. The lighting is warm, highlighting the metallic sheen of the eggs and the texture of the straw.

**We know what do do
but
why don't we do what we know?**