

Stopping Climate Change

A Must for Achieving the Sustainable Development Goals

Magnus Bengtsson
Principal Researcher



Among key messages:

- Most SDGs are related with each other
- Some SDGs, such as education, can help achieving others – synergies
- Integrated approaches are needed – working across policy domains and economic sectors
- Essential to anticipate and avoid trade-offs

Climate Change is Making the World Poorer, Riskier and More Unfair – A Few Examples

IPCC:

- By 2030 countries like Bangladesh could see a 15% increase in **poverty** due to decreasing crop yields
- By 2080, an additional 170 million people could be **undernourished**

WHO:

- More than 250,000 **additional deaths** annually between 2030 and 2050

Centre for Science and Policy (Cambridge)

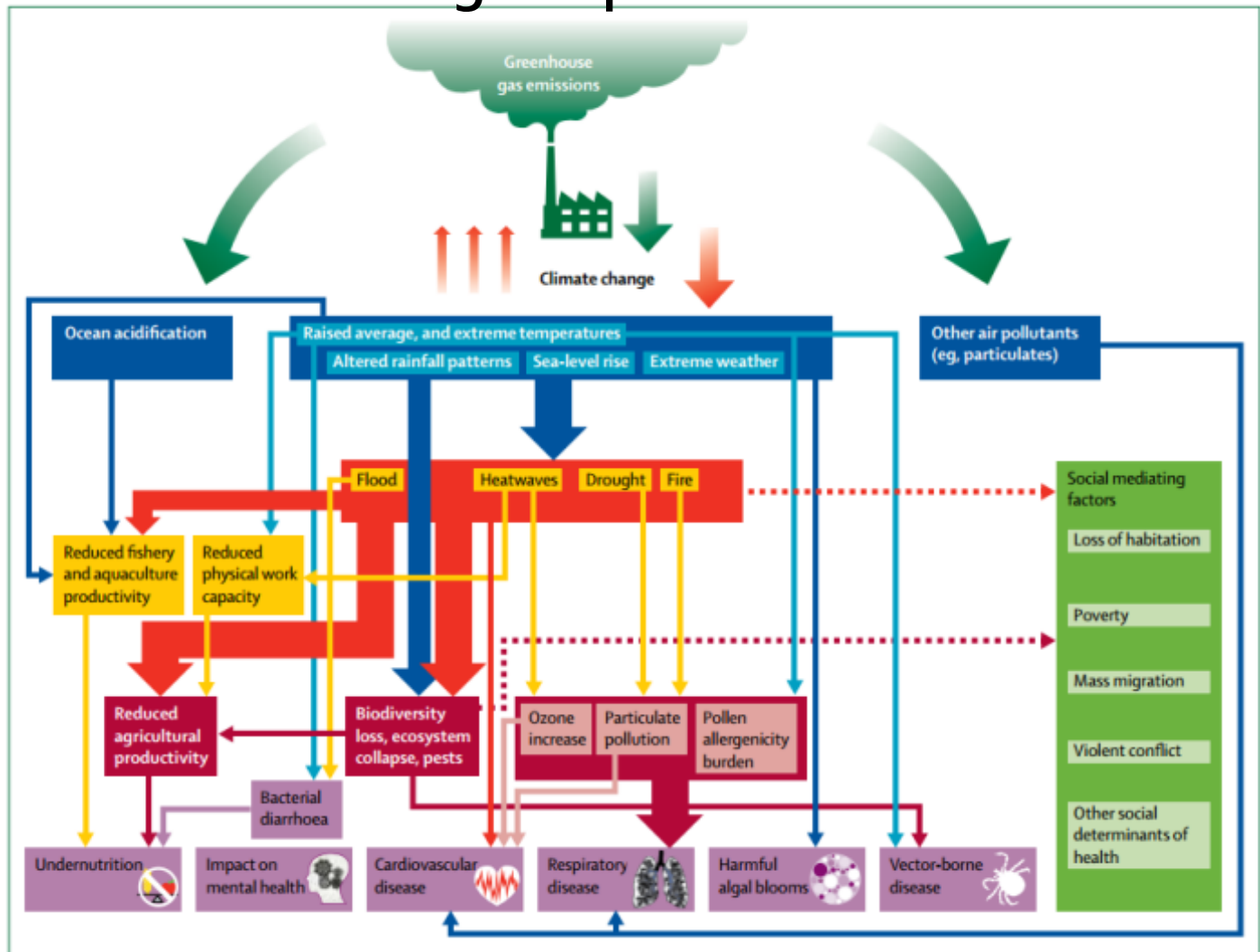
- What was a '1 in 100 year' **shock to global food production** may have become three times more likely by 2050.

The Bottom Line:

Eradicating poverty and achieving inclusive human wellbeing will be more or less impossible in a world of escalating climate-related disasters.

Multiple Pathways – Complexity – Incomplete Knowledge

Climate Change Impacts on Health

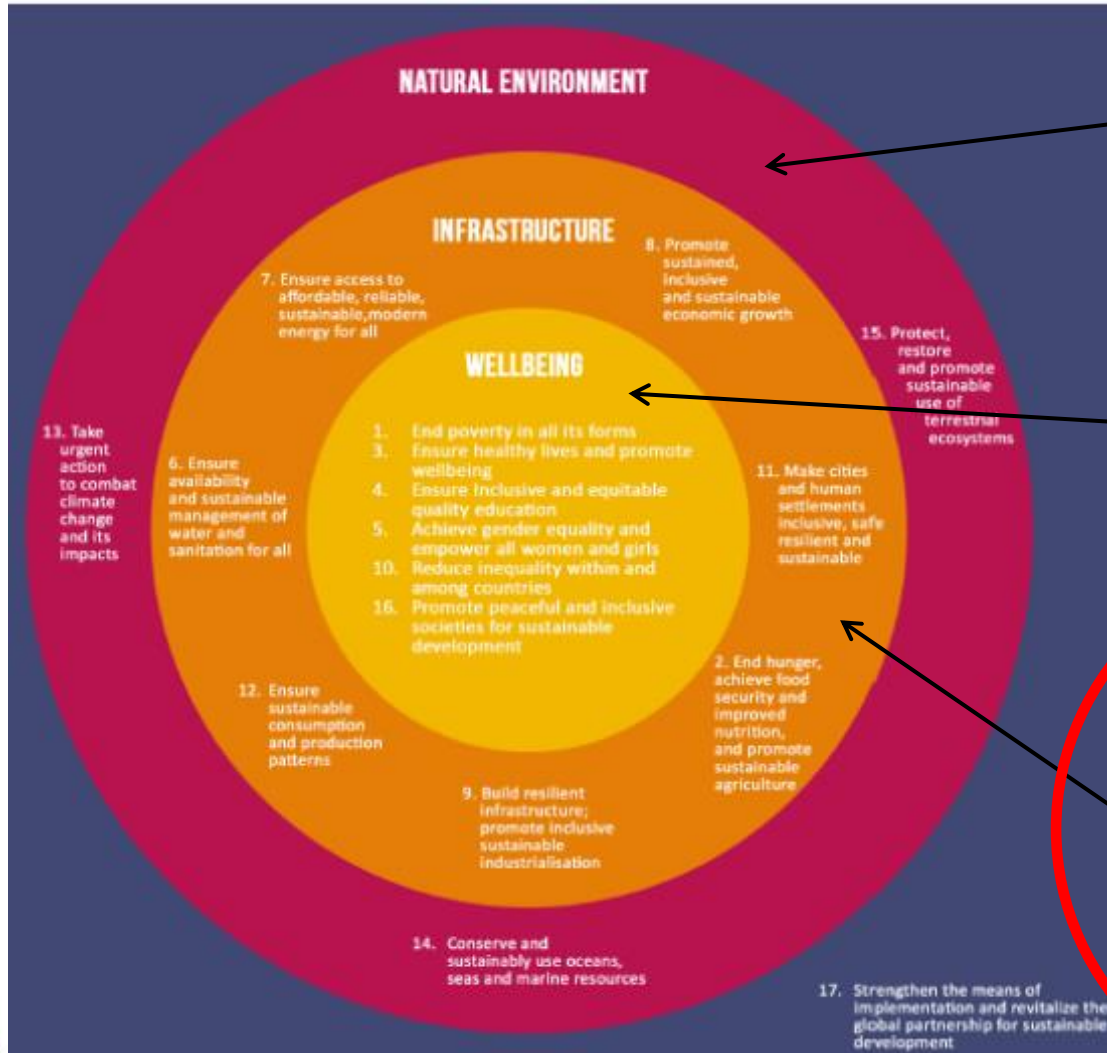


Development in a Changing Climate



HUMAN AND SOCIAL DEVELOPMENT

Infrastructure choices will be key to avoiding trade-offs



Safeguarding the planet, on which human society depends

Achieving human and social wellbeing

Making the right choices for infrastructure – avoiding trade-offs

- Energy
- Cities
- Agriculture