



Climate Change, Nature Loss & Business Risk

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AGENDA

- Introduction
- Assumptions & Common Baseline
- The Climate and Nature/Biodiversity Crises
- From Risks...
- To Solutions
- Final discussions



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Introduction



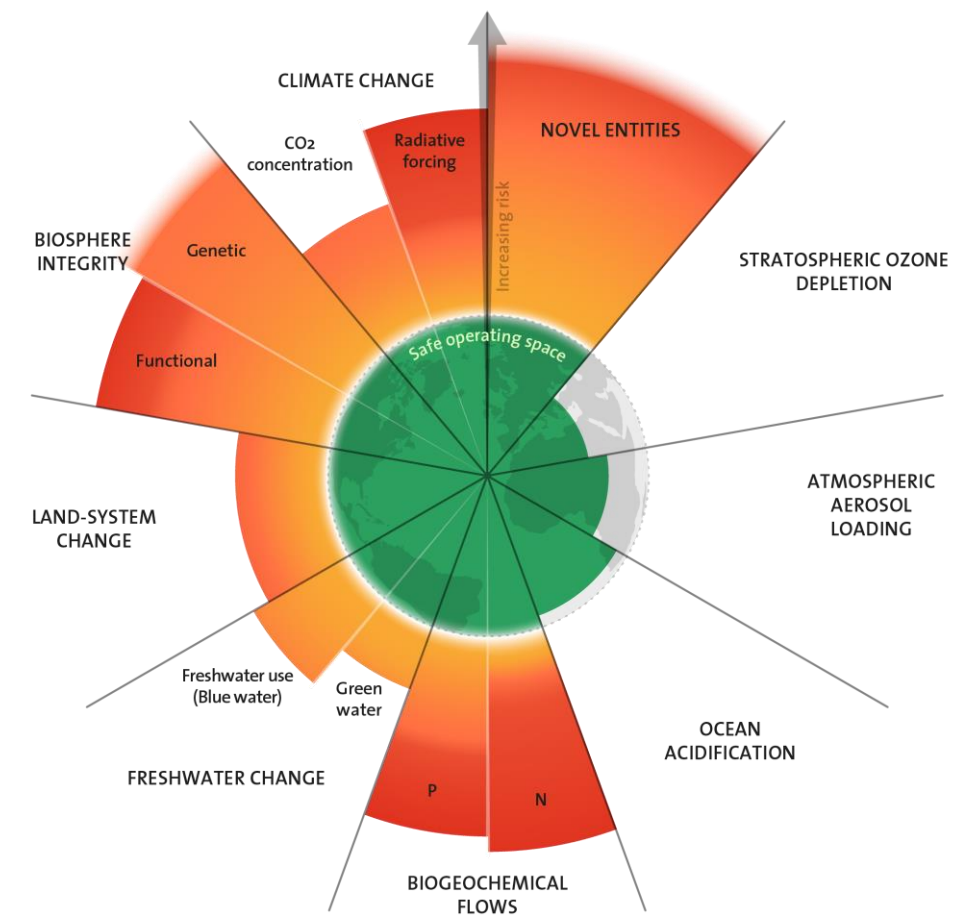
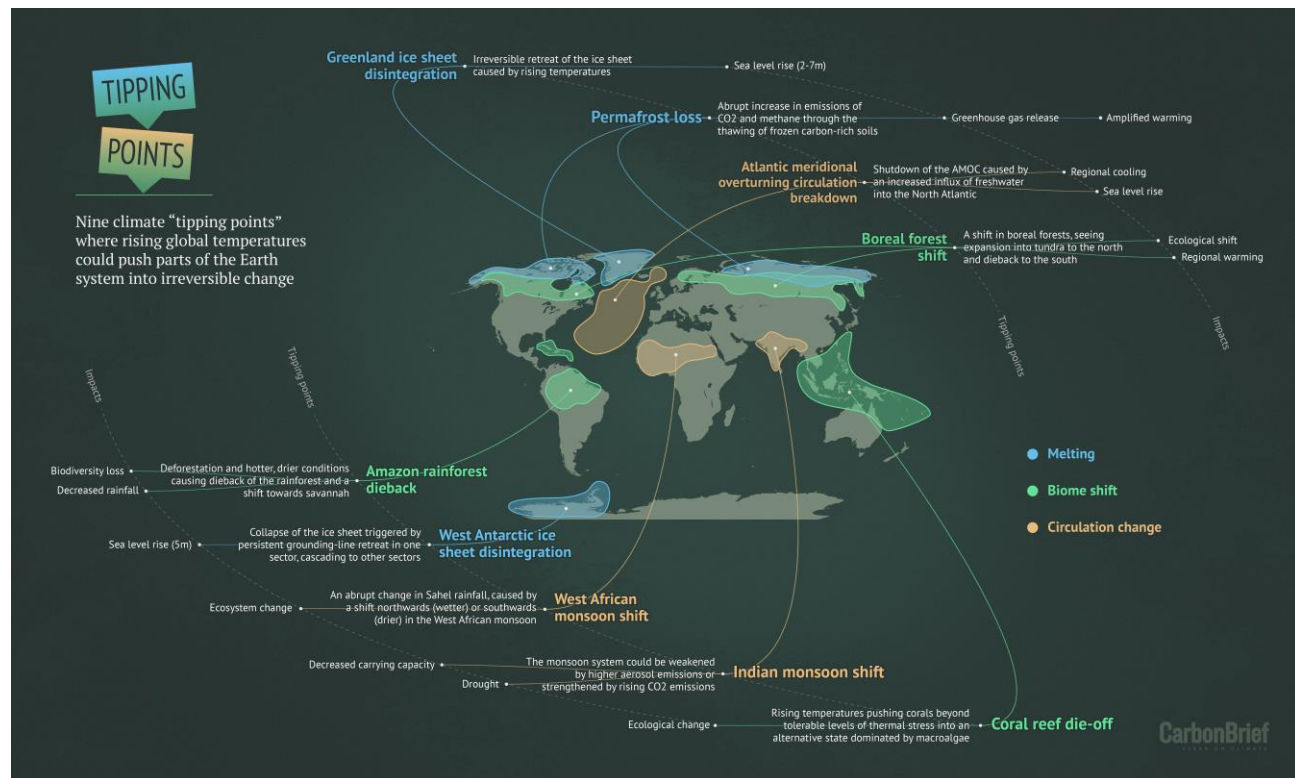
"Relax. Pot temperatures have been going up and down for centuries."



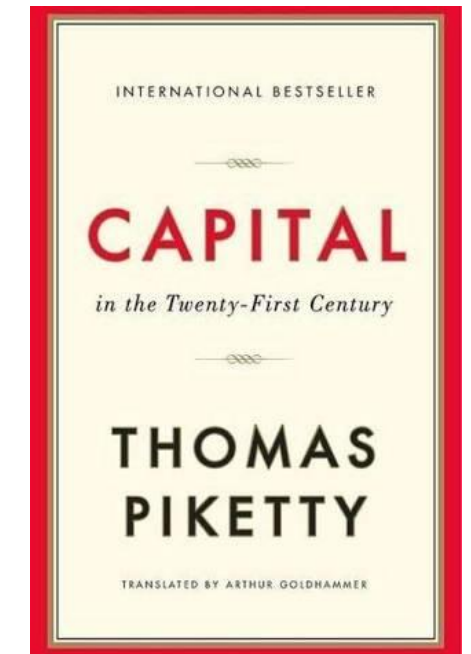
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Assumptions & Common Baseline

- Climate Change has a scientific consensus. Man-made Climate change = warming, extreme weather, ecosystem change
- There is more than one environmental crisis. The Climate Crisis and the Nature/Biodiversity crises are not the same thing (e.g. 69% of biodiversity have been lost since 1970 (WWF, 2020)). Much of the remainder will be gone in the next three decades). They overlap but can also be in conflict. Both are existential threats and contribute to the wider risk theme.
- Issues like Tipping Points and Planetary Boundaries are barely known, let alone understood.



Strategic Risks (1)



- Resource competition (e.g. water, critical minerals)
- 'Natural' disasters
- Weakening/collapse of food systems
- Mass migration (320 million by 2030, Centre for Strategic and International Studies)
- Conflation of different threats (e.g. demographics, pollution)
- Amplification of other threats (e.g. health)
- Mitigation, Adaptation (noting ROI on former, not latter) and Resilience
- Internal challenges for governments (Infrastructure/logistics, redundant capabilities, people, legitimacy!)



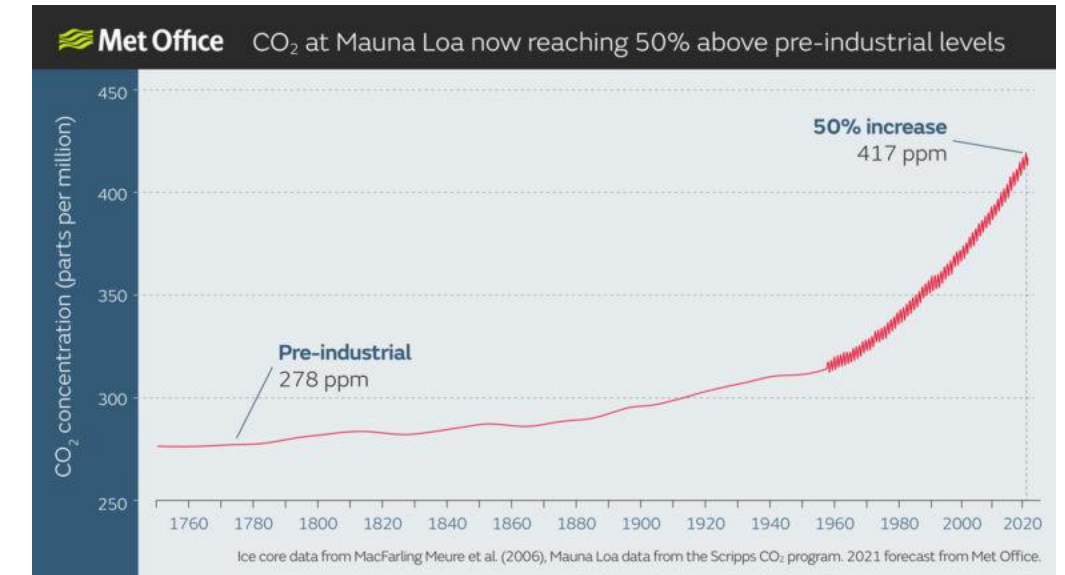
Strategic Risks (2)



- Power imbalance: between those transitioning and those not (e.g. resources & capabilities, influence)
- Hegemony over technology & means of production
- Financial (stranded assets, insurance, banking systems, taxes, pensions!)
- Changes to access
- Lines of communication
- Hard power and soft power
- Black swans and tipping points
- Unresolvable downward spiral
- Wholesale collapse of ecosystems...

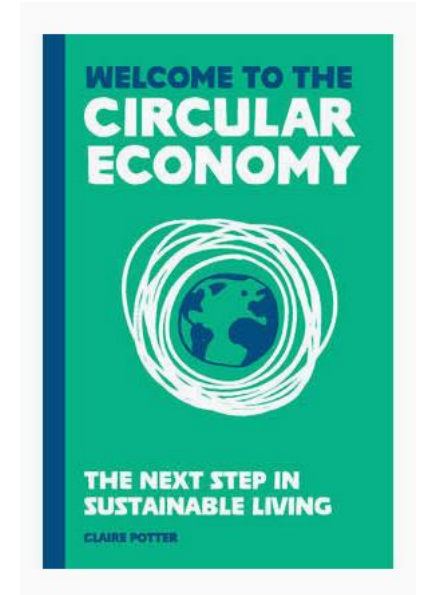


So what for business?



- Operational (Financial, logistics, supply chain, lines of communication, transitional): expertise required!
- Legislative and Regulatory (e.g. Paris, GBF, TCFD, TNFD, SBTis): expertise required!
- Ecological (climate, raw materials, disease, pollination ecosystem depletion): expertise required!
- Human (workforce/working environment, forced migration, climate conflict, social justice) : expertise required!
- What else? (Strategy? Plans? Investment?)

Strategic Solutions (1)



- UNFCCC & CDP & UNCDD (multilateral consensus)
- EU Green Deal (regulatory)
- GFANZ, insurance sector, investors (financial)
- Ecocide, fiduciary duty (legal)
- Technological Solutions
- Nature Solutions
- And a variety of frameworks:



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Strategic Solutions (2)

SDGs

Planetary Boundaries

Doughnut Economics

Triple Bottom Line

Circularity

30 by 30

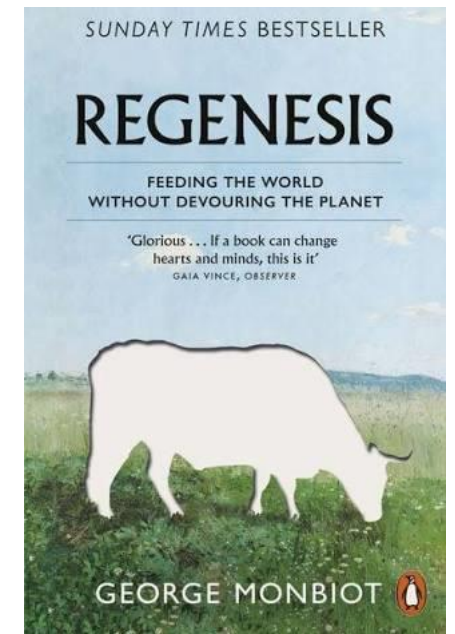
Paris Agreement

GBF

UN COPs: examples from COP26 (UNFCCC) and COP15/16 (CBD)

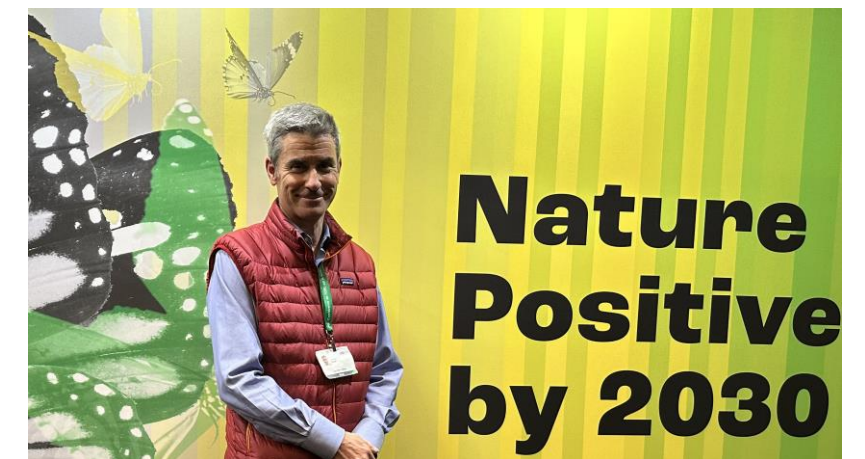
Reporting and Disclosure e.g. ESG, TNFD

Multi-capital approach (e.g. procurement, public contracting)



So what for business?

- Evolving market presents huge opportunities (early mover advantage, differentiation, investor interest)
- Chance/obligation to refresh many businesses (invest intelligently, avoid stranded assets, business models)
- Chance to question – e.g. how can I take advantage of technological and nature-based solutions?
- Chance to attract and retain talent in the workforce and a strong customer base.



Final discussion/Questions?



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THANK YOU

for attending this presentation



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