



International Institute for
Applied Systems Analysis
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Climate Action Urgency and Synergies with 2030 Agenda

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SDGs:
Prosperity
Social Inclusion
Sustainability



Side Event on Science to Implementation: Climate Action and SDG Synergy, S-1522/23 at UN Secretariat Building, UN Headquarters, during High-Level Political Forum, United Nations – 12 July 2019

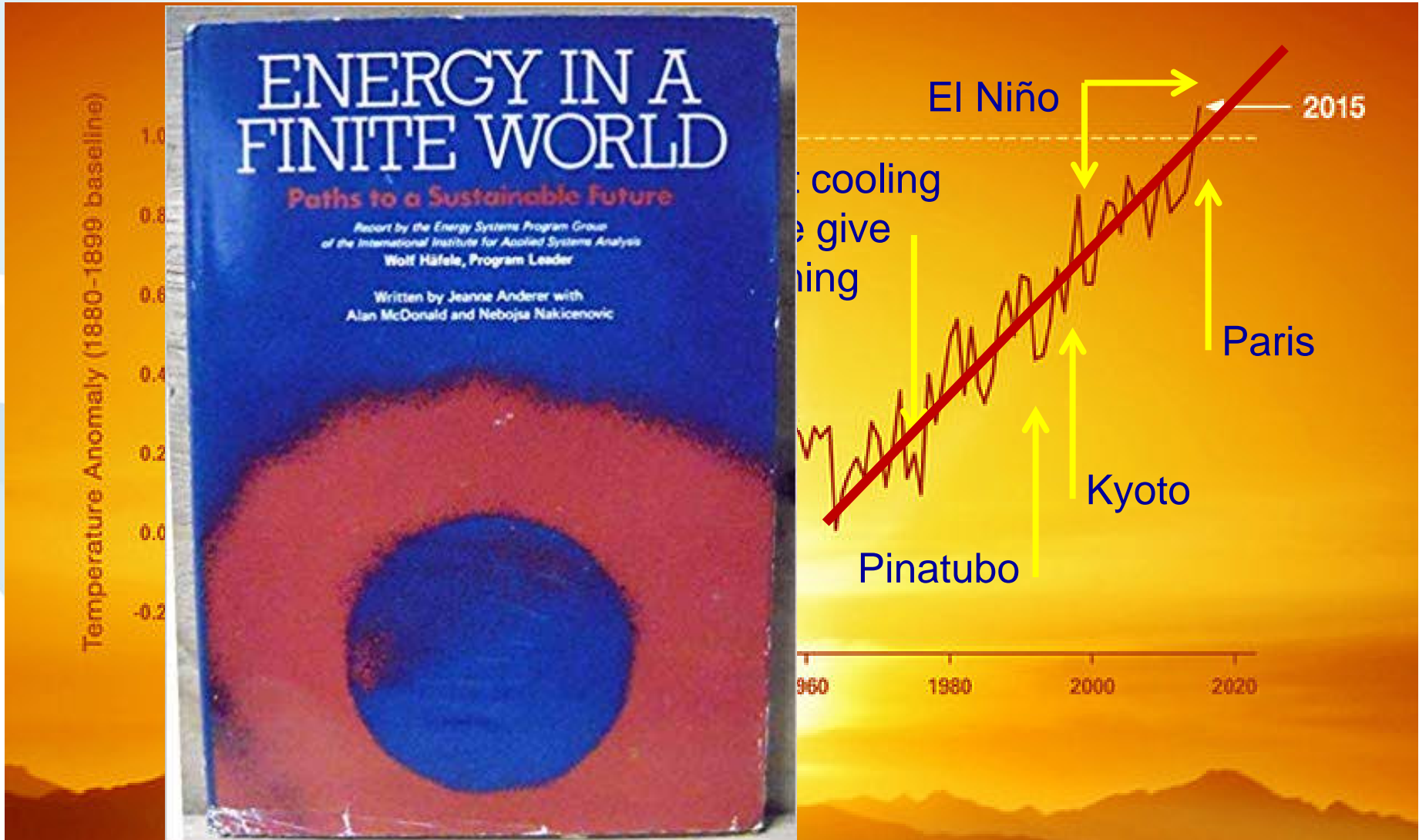


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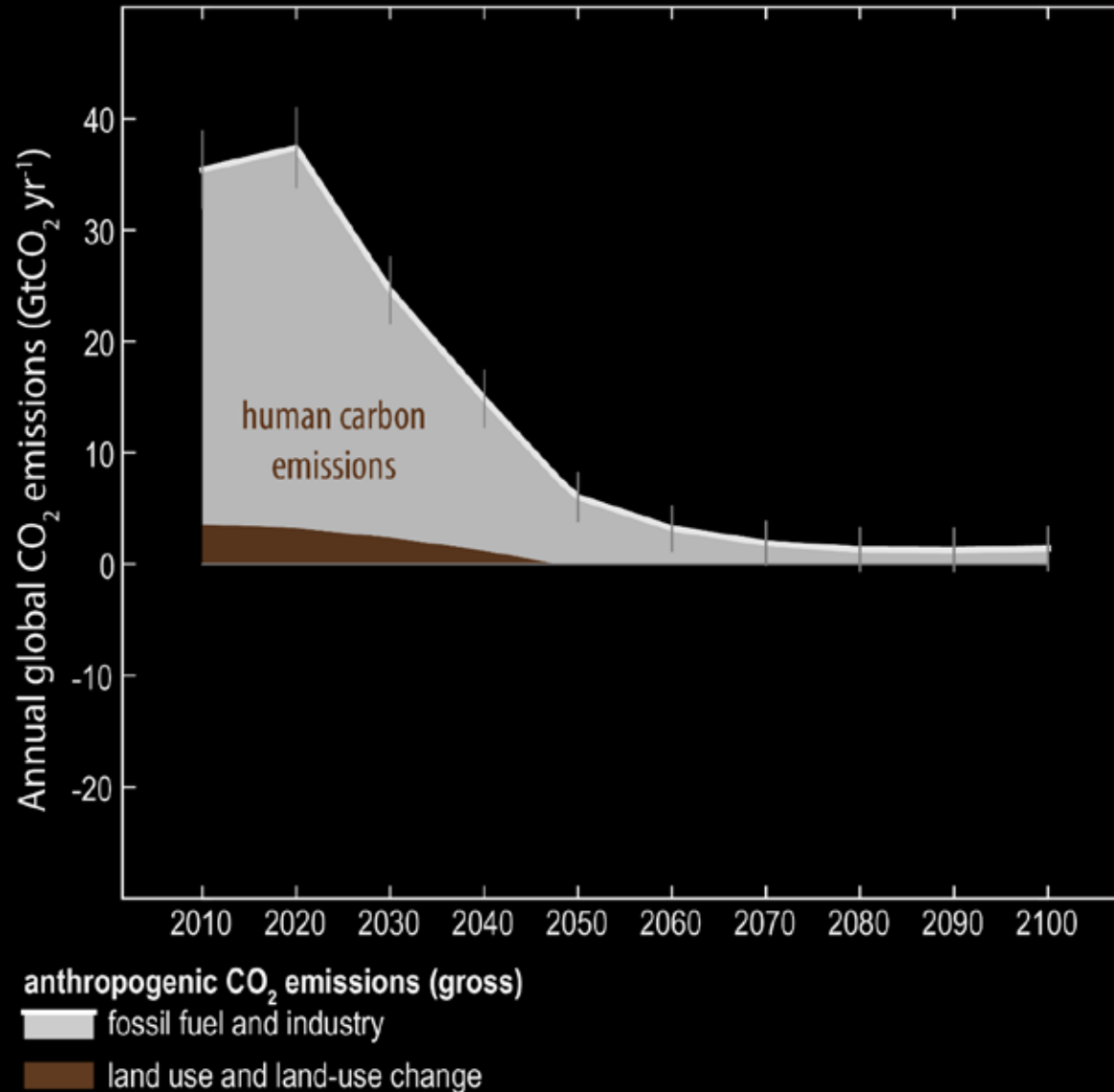
science for global insight

Global Temperature Anomaly

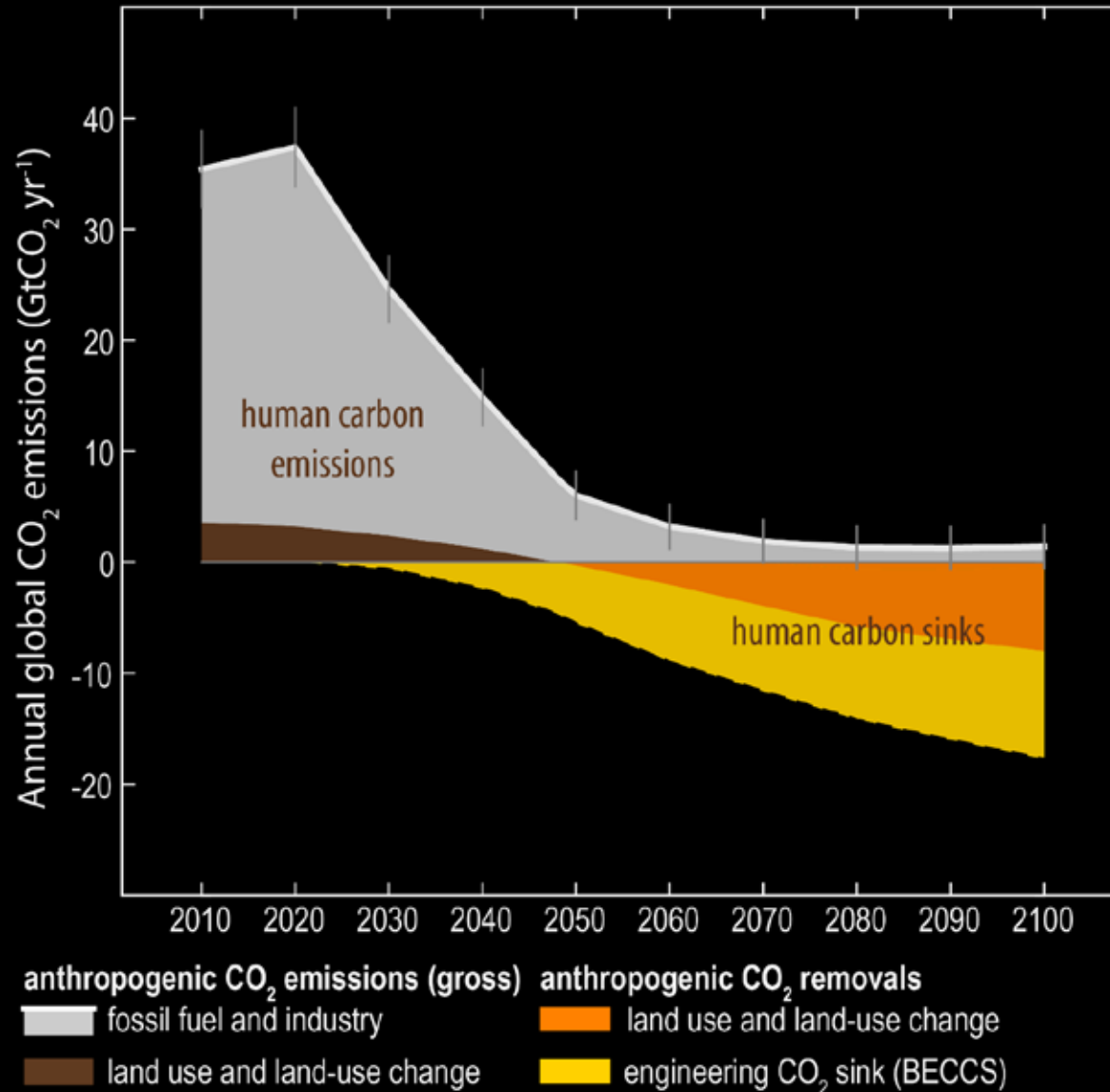
1880 to 2015



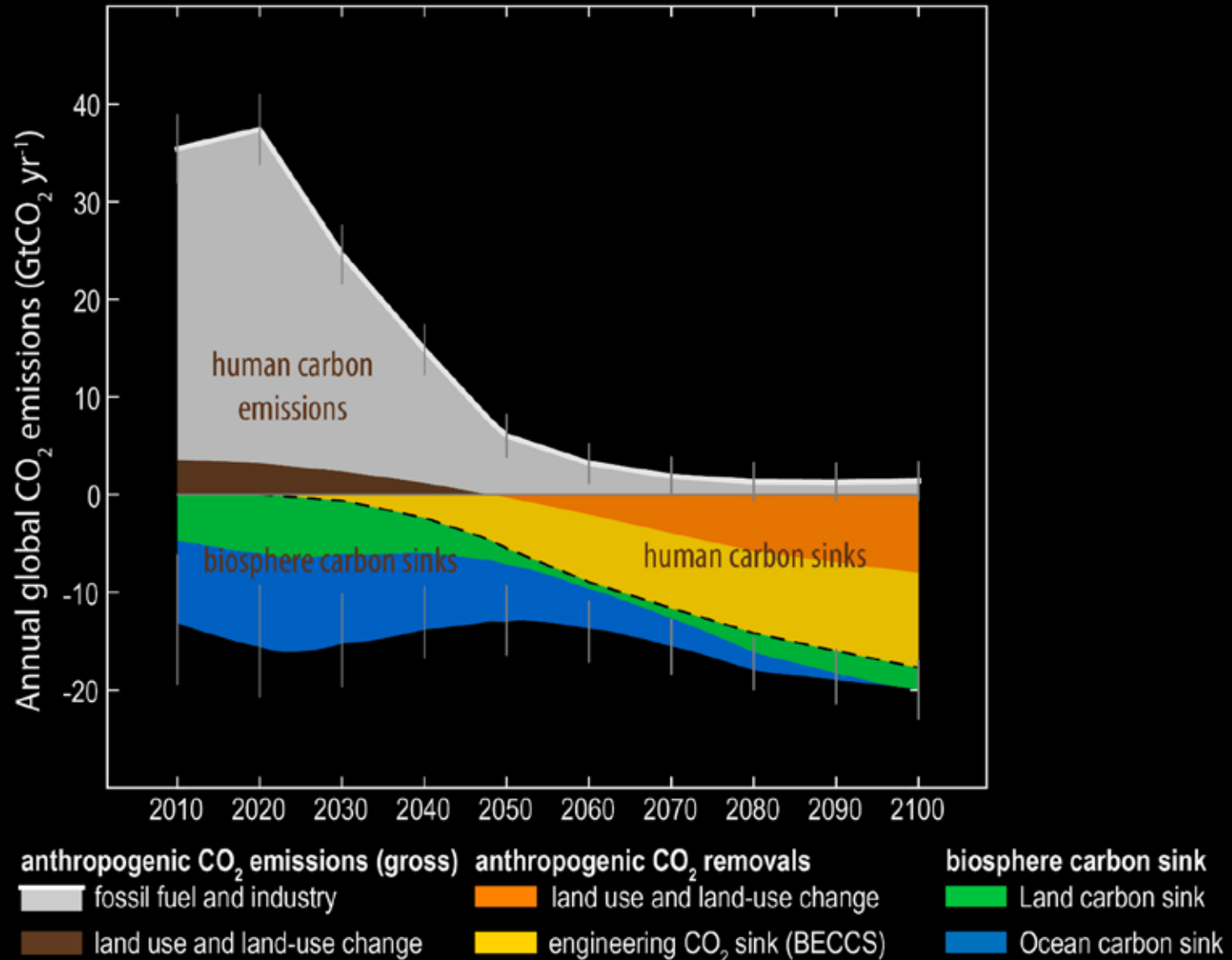
“Carbon Law”

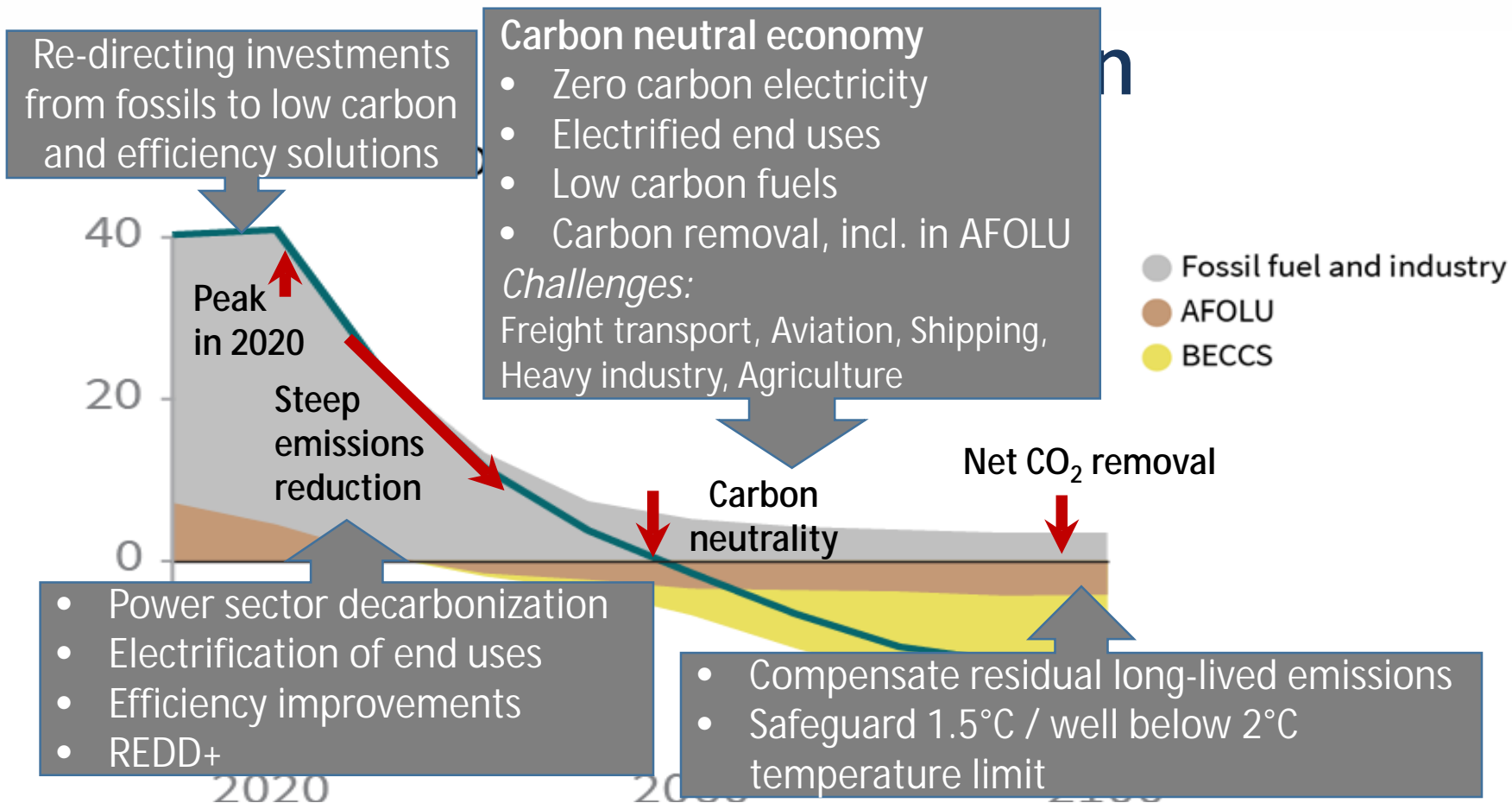


“Carbon Law”



“Carbon Law”





IPCC, SR1.5 Fig. SPM3b P3 scenario with historical dynamics.

Interactions between SDG 7 & other SDGs

Sustainable Development Goals

- 1 – No Poverty
- 2 – Zero Hunger
- 3 – Good Health and Well-being
- 4 – Quality Education
- 5 – Gender Equality
- 6 – Clean Water and Sanitation
- 7 – Affordable and Clean Energy
- 8 – Decent Work and Economic Growth
- 9 – Industry, Innovation and Infrastructure
- 10 – Reduced Inequalities
- 11 – Sustainable Cities and Communities
- 12 – Responsible Consumption and Production
- 13 – Climate Action
- 14 – Life below Water
- 15 – Life on Land
- 16 – Peace, Justice and Strong Institutions
- 17 – Partnerships for the Goals



Six Major Transformations (TWI2050.org)

**Digital
Revolution**



**Human capacity
Demography &
Health**



**Smart Cities
& Mobility**



SDGs:
Prosperity
Social Inclusion
Sustainability

**Consumption
& Production**



**Food, Biosphere
& Water**



**Decarbonization
& Energy**



TWI2050 Report (www.TWI2050.org)

Key Considerations

1. Six Fundamental Transformations for a Sustainable Future for All
2. The Digital Revolution
3. Preconditions for a Sustainable Digital Revolution
4. Digitalization and Sustainable Development
5. Governing the Transformation toward Sustainability in the Digital Age

Ø 45 authors from ~20 organizations



TWI2050 Launch HLPF
12 and 19 July 2019, UN



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THANK YOU

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