Climate Change: The Latest IPCC Report is a Source of Anxiety, but also of Hope

Prof. Jean-Pascal van Ypersele Université catholique de Louvain (UCLouvain) Candidate IPCC Chair officially supported by Belgium Twitter: @JPvanYpersele

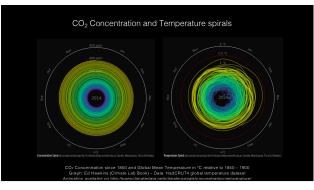
Conference at the Foreign Correspondents Club of Japan (FCCJ), Tokyo, 19 April 2023

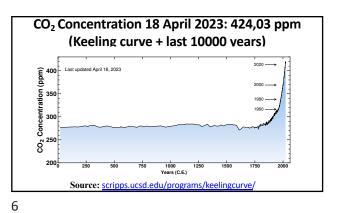
Thanks to the Federal Government and the Walloon Government (funding the Walloon Platform for IPCC) and to my team at UCLouvain for their support

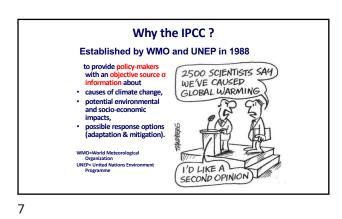


That small blue dot is the Earth, a seen from Cassini, orbiting Saturn, 1.44 billion km from us, on 19-7-2013

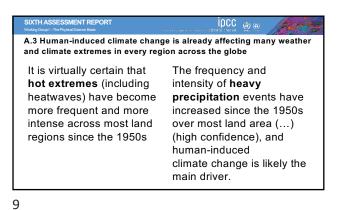






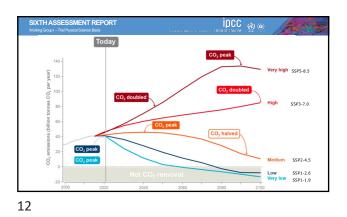


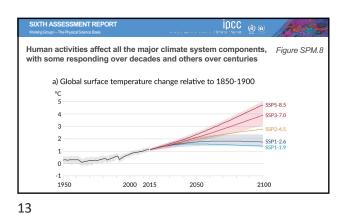


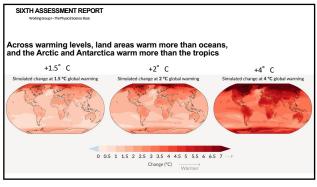


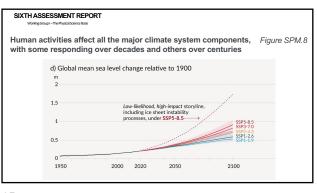


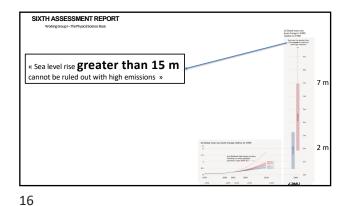






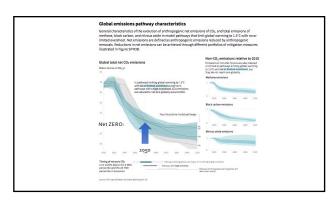




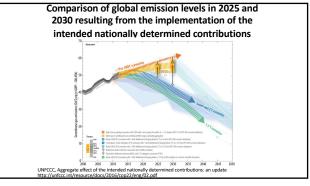


















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Sixth Assessment Report

low- or no-carbon energy systems

widespread electrification and improved energy efficiency

Energy







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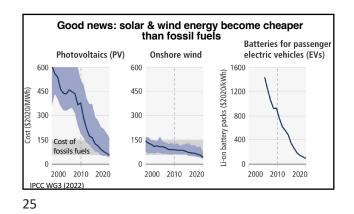
Demand and services

potential to bring down global emissions by 40-70% by 2050

walking and cycling, electrified transport, reducing air travel, and adapting houses make large contributions

lifestyle changes require systemic changes across all of society

some people require additional housing, energy and resources for human wellbeing





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- action in this decade is critical to fully

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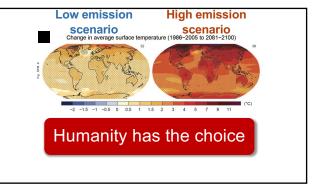


Policies, regulatory and economic instruments

regulatory and economic instruments have **already proven effective** in reducing emissions

- policy packages and economy-wide packages are able to achieve systemic change
- ambitious and effective mitigation requires coordination across government and society







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- 1. The IPCC must be the most scientifically solid « Voice of Climate » at the international level
- 2. The IPCC must become even more useful for policy- and decision-makers, while staying policy-neutral

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