Risk and systemic innovation in long-term energy policymaking

Joana Portugal Pereira

Professor, Energy Planning Program Federal University of Rio de Janeiro

IPCC Working Group III 6th Assessment Report Lead Author (LA)

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Mid- and long-term scenario models



Total-Economy Integrated Assessment Model

Global CGE Model

COFFE
Computable Integrated Framework for Energy
and the Environment

Global LP Opt. Model

BLUES

Brazilian Land Use and Energy Systems Model

National LP Opt. Model

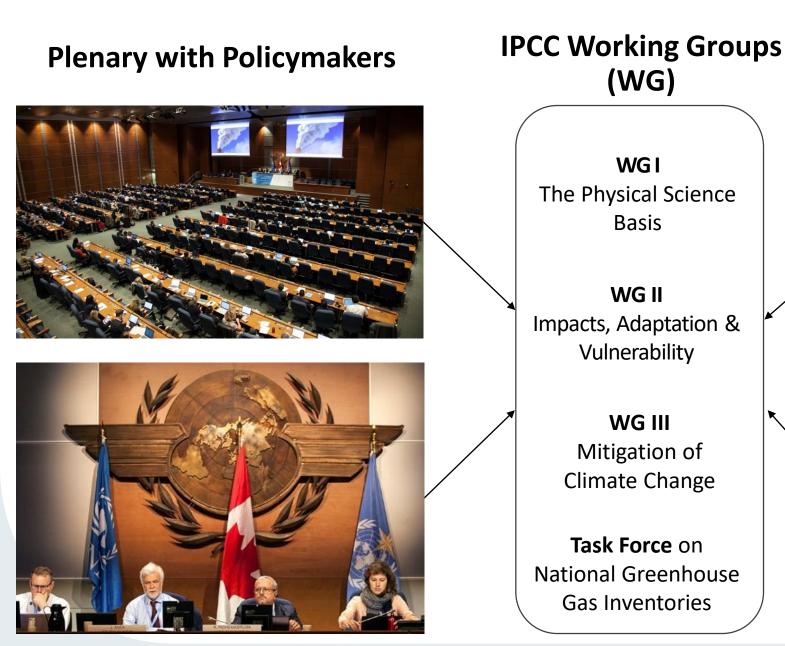
ELENA

Times_Peru

National LP Opt. Model

#Plus sectoral models

Science/Policy Interface

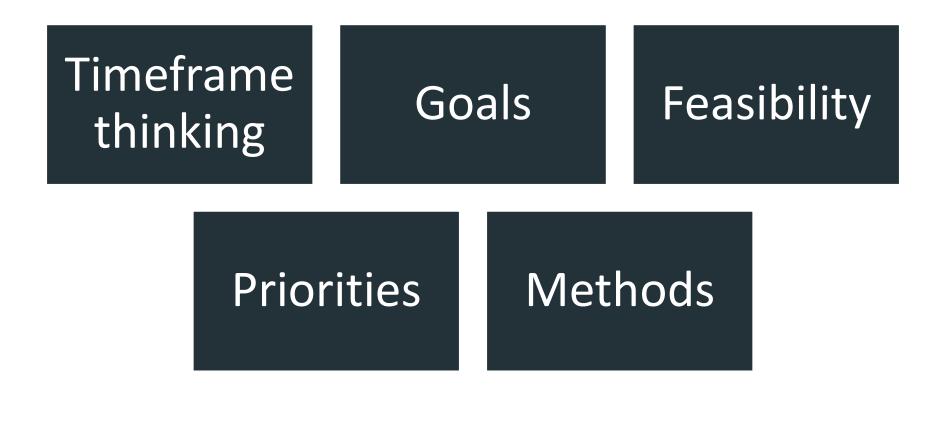


Hundreds of **scientists** from around the World are involved in the preparation of IPCC reports





Scientists and policymakers: Challenges and opportunities







Why do we need to bridge this gap?

- Long-term scenarios tell us where we want to be.
- Short/mid-term science-based policies tell us how to get there.
- Strategic decisions and low carbon investments need to be made today to achieve long-term climate goals and reduce climate risks.
- Low carbon pathways require different in energy and transport technological portfolios (1.5°C pathway is not an upgrade of 2°C).



Thank you. Joana Portugal Pereira

joana.portugal@ppe.ufrj.br Twitter: CenergiaLab http://www.cenergia.coppe.ufrj.br

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