

PARIS
REINFORCE



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Pathways to climate neutrality in Europe with a spotlight
in Greece, Athens, June 30, 2022

Introduction to the PARIS REINFORCE project

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www.paris-reinforce.eu

Title: Delivering on the Paris Agreement: A demand-driven, integrated assessment modelling approach (PARIS REINFORCE)

Funding: European Union's Horizon 2020 Research and Innovation Programme (H2020)

Lifetime: June 2019 - **November** 2022 (42 months)

Coordination: NTUA, Energy Policy Unit, National Technical University of Athens

Participants: 13 European partners; 5 international partners

Call/Grant: H2020-LC-CLA-01-2018/820846



The PARIS REINFORCE project has received funding from the European Union's Horizon 2020 Research and Innovation Programme under grant agreement No 820846.

NTUA - National Technical University of Athens GR

BC3 - Basque Centre for Climate Change ES

Bruegel - Bruegel AISBL BE

Cambridge - University of Cambridge UK

CICERO - Cicero Senter Klimaforskning Stiftelse NO

CMCC - Fondazione Centro Euro-Mediterraneo sui Cambiamenti Climatici IT

E4SMA - Energy, Engineering, Economic and Environment Systems Modelling Analysis IT

EPFL - École polytechnique fédérale de Lausanne CH

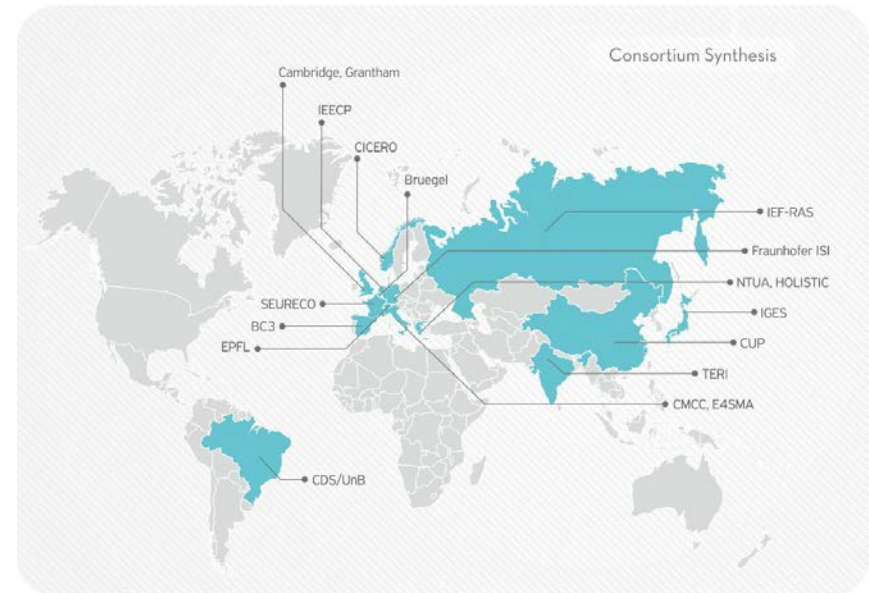
Fraunhofer ISI - Fraunhofer Institute for Systems and Innovation Research DE

Grantham - Imperial College of Science Technology and Medicine - Grantham Institute UK

HOLISTIC - Holistic P. C. GR

IEECP - Institute for European Energy and Climate Policy Stichting NL

SEURECO - Société Européenne d'Économie SARL FR



CDS/UnB - Centre for Sustainable Development of the University of Brasilia BR

CUP - China University of Petroleum-Beijing CN

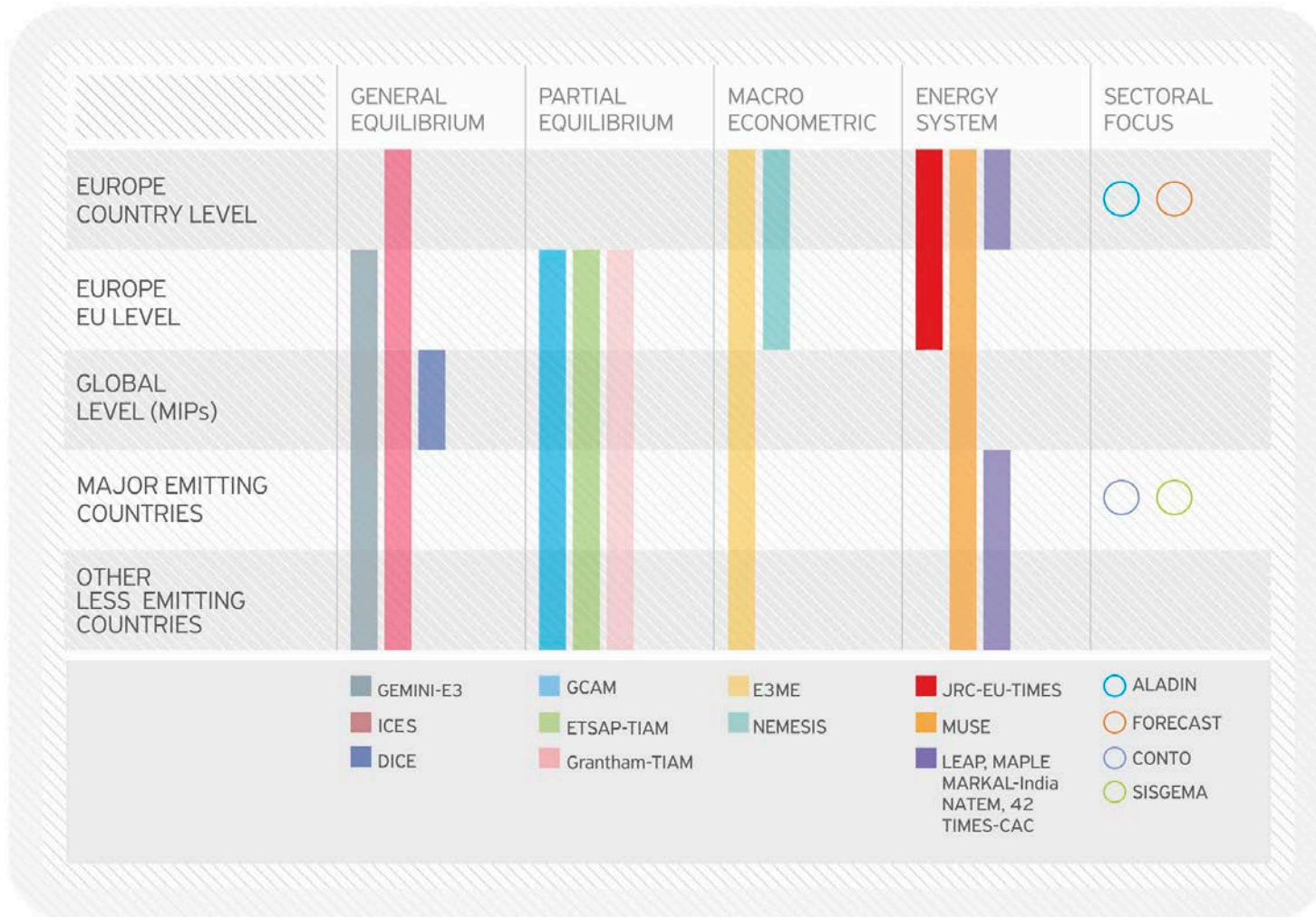
IEF-RAS - Institute of Economic Forecasting – Russian Academy of Sciences RU

IGES - Institute for Global Environmental Strategies JP

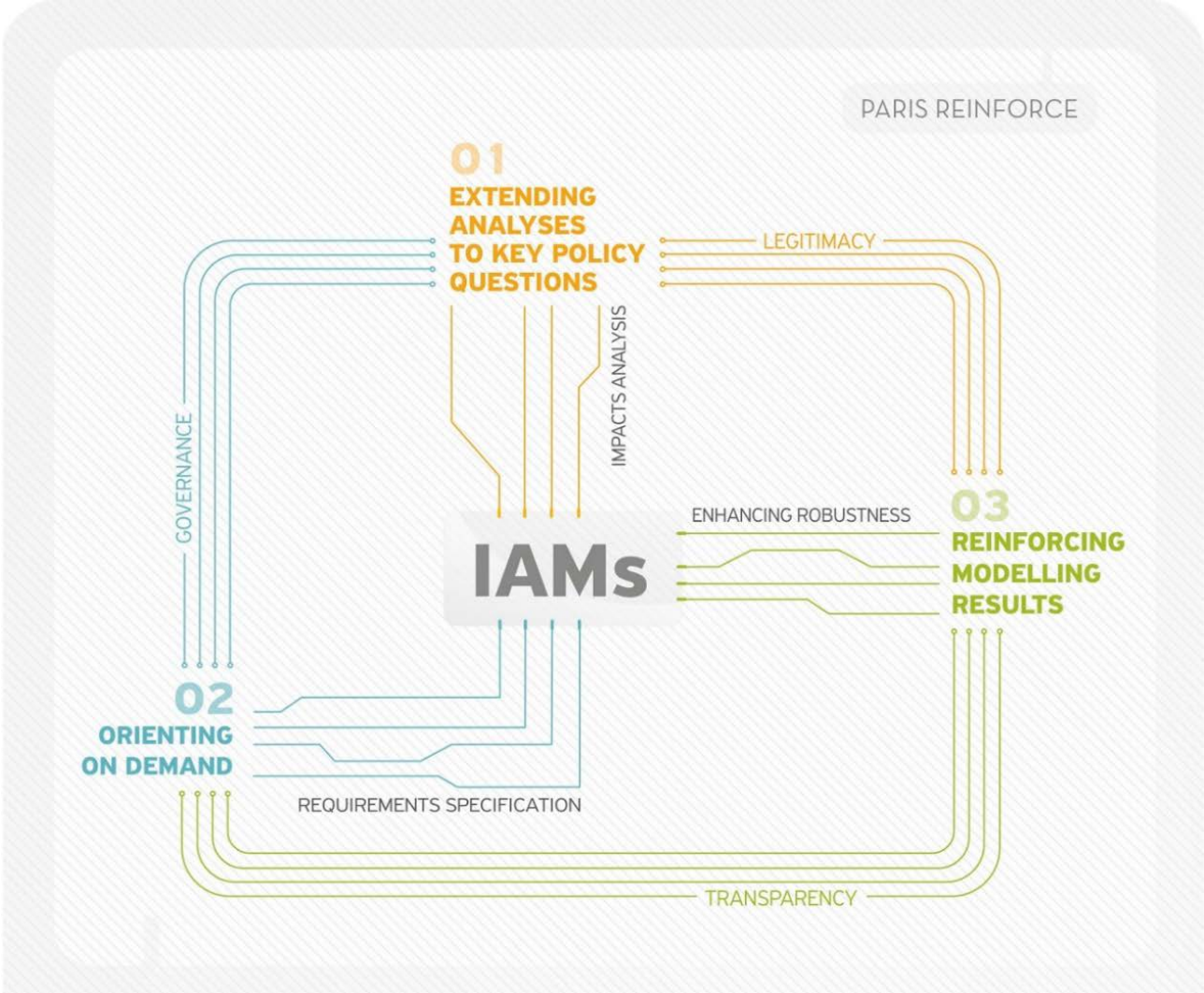
TERI - The Energy and Resources Institute IN



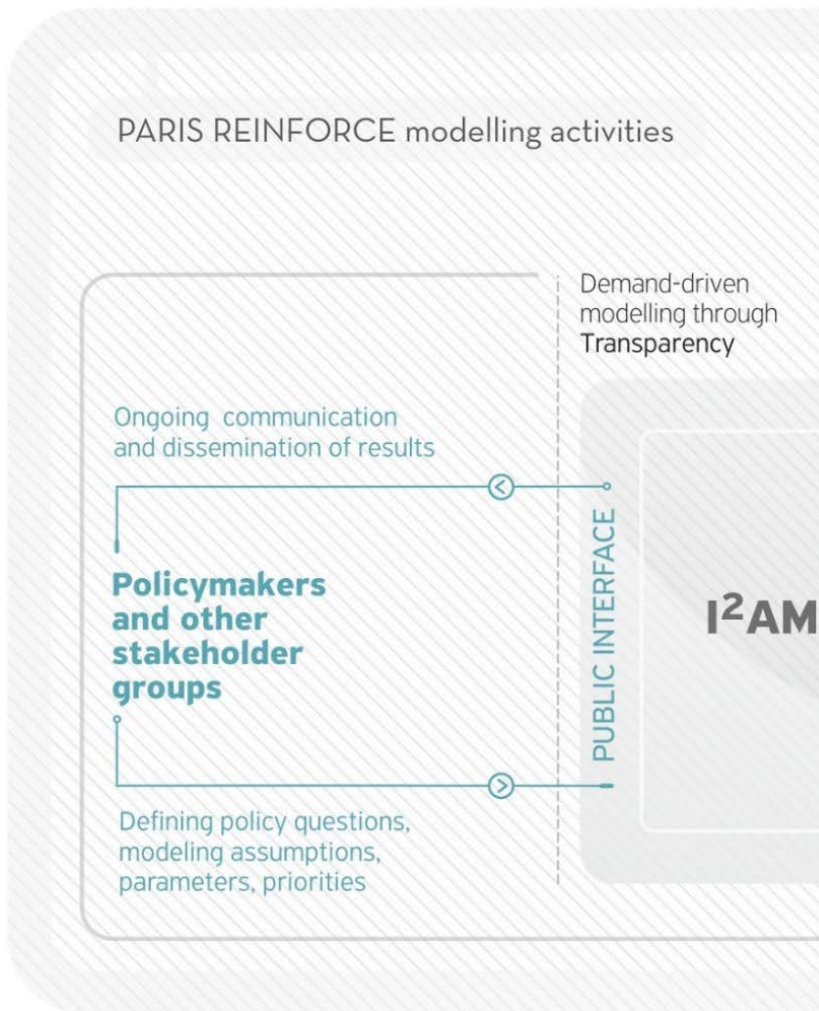
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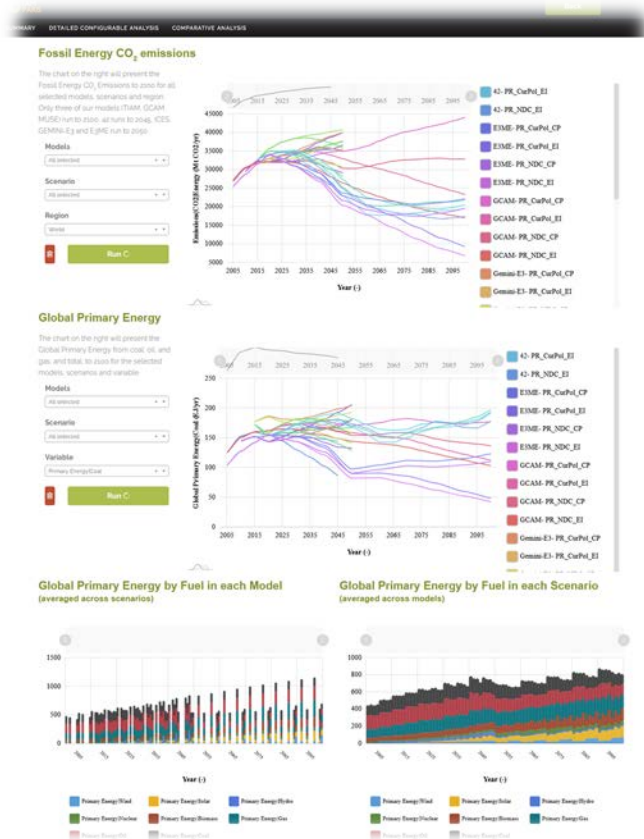
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- You may find a detailed, dynamic, and comparative **documentation** of all PR (and non-PR) models & **harmonisation heatmaps** across models, including a **policy brief** on modelling capabilities ('What can our models do?').
- In theme-specific workspaces, you may find a **user-friendly presentation** and visualisation of **policy-relevant results** and **policy prescriptions**, in response to **co-created policy/research questions**, as well as **libraries** with relevant papers and policy briefs.



<http://i2am-paris.eu>



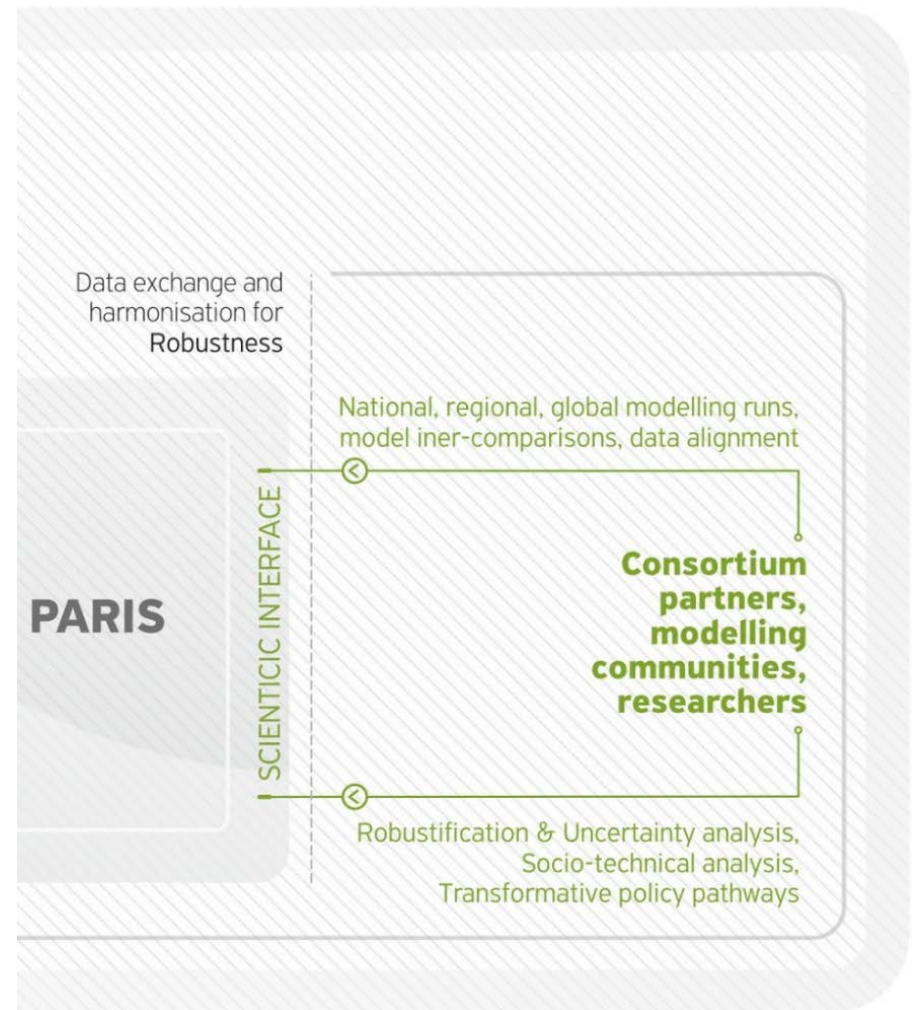
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The content of this page is for information purposes only. The relevant legal instruments and the text of the call for proposals are available on the project website.

- All modelling teams can provide a **detailed documentation of their model(s)**, so that we can include it in our database and documentation.
- Like the public interface, experts can also view the advanced scientific presentation of modelling results, databases, etc.; as well as access similar templates to provide us with the **topics** (research questions) they have addressed, as well as their modelling **inputs** and **results** to host in I²AM PARIS.



Policy

EU-level: next **NDC**; national level: **NECPs**

Sectoral analyses for **detailed EU 2050 roadmap**

All ten **major emitters**; other **less emitting** countries

Forum for discussing **game-changing** topics

Society

Co-creation: needs scenarios, assumptions

Enhanced **transparency & legitimacy**

Improved **understanding of models**

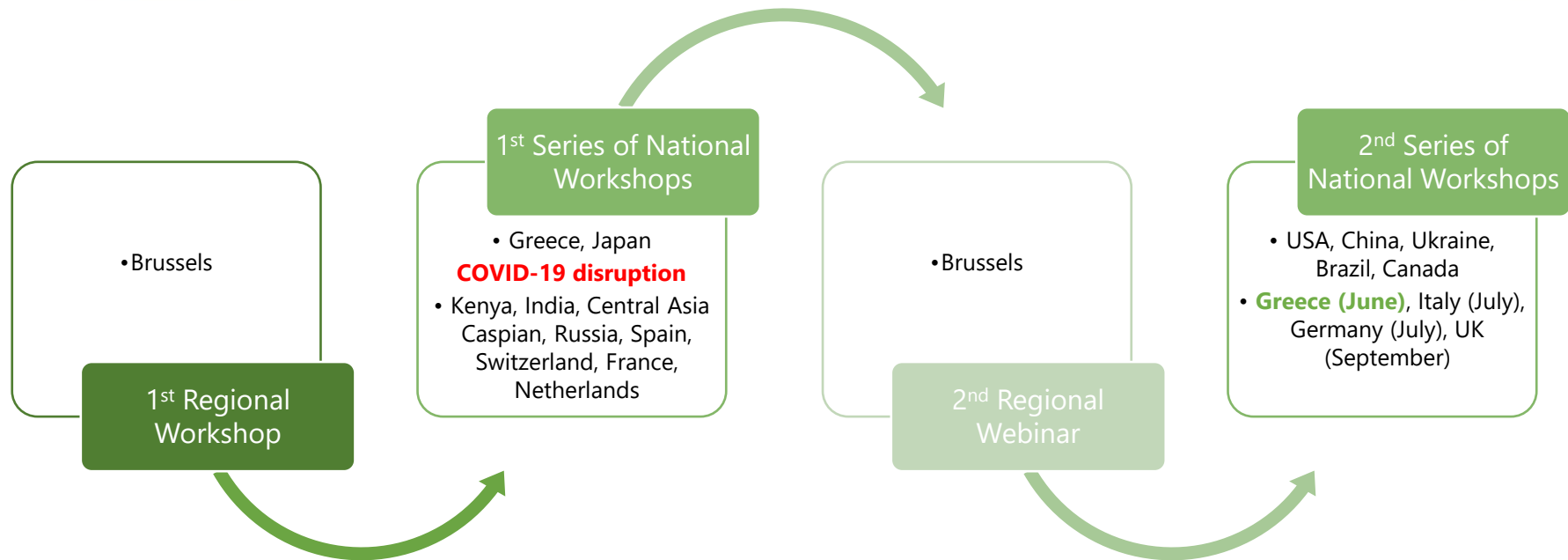
Research

I²AM PARIS: open access, multi-modelling, data exchange platform

New **paradigm**: modelling **ensembles**, **robustness** analysis, systems of innovation

IPCC **AR6** & other assessments: **reviews**, **global** analyses & **inter-comparisons**





- Delving further into cross-model differences (nuanced diagnostics)
- Analysis of employment implications of mitigation, considering market imperfections
- Co-designed, Paris Agreement-compliant mitigation scenarios
- Regional analysis of trade-offs and co-benefits between mitigation and progress on SDGs





Thank you!

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