

PARIS
REINFORCE



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REINFORCE

Switzerland Stakeholder Workshop, May 18, 2021

Introduction to PARIS REINFORCE

Assoc. Prof. Haris Doukas (*National Technical University of Athens*)



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 - May 2022 (36 months)

Coordination:

NTUA, Energy Policy Unit, National Technical University of Athens

Participants:

13 European partners; 5 international partners

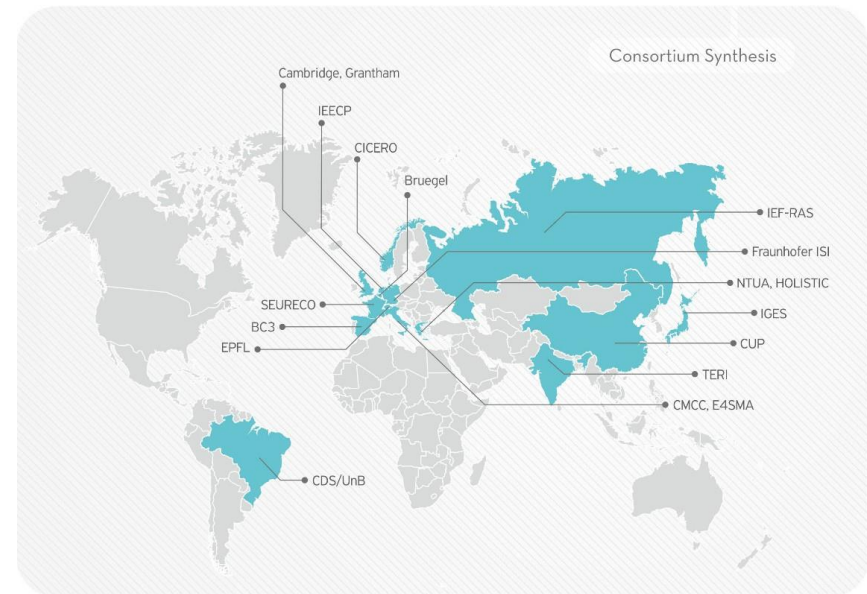
Call/Grant:

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.

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| 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'Economie SARL | FR |



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|---|----|
| 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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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

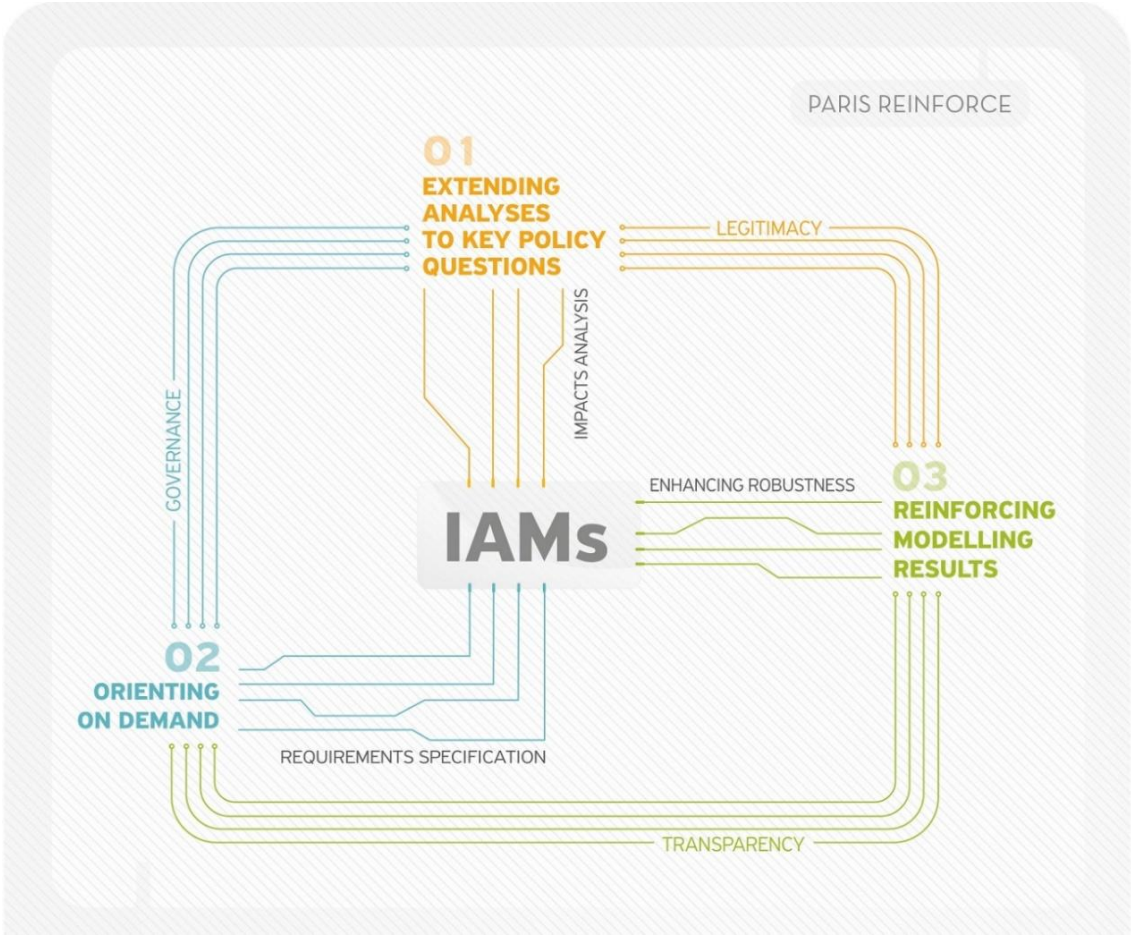
I²AM PARIS: open access, multi-modelling, data exchange platform

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

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

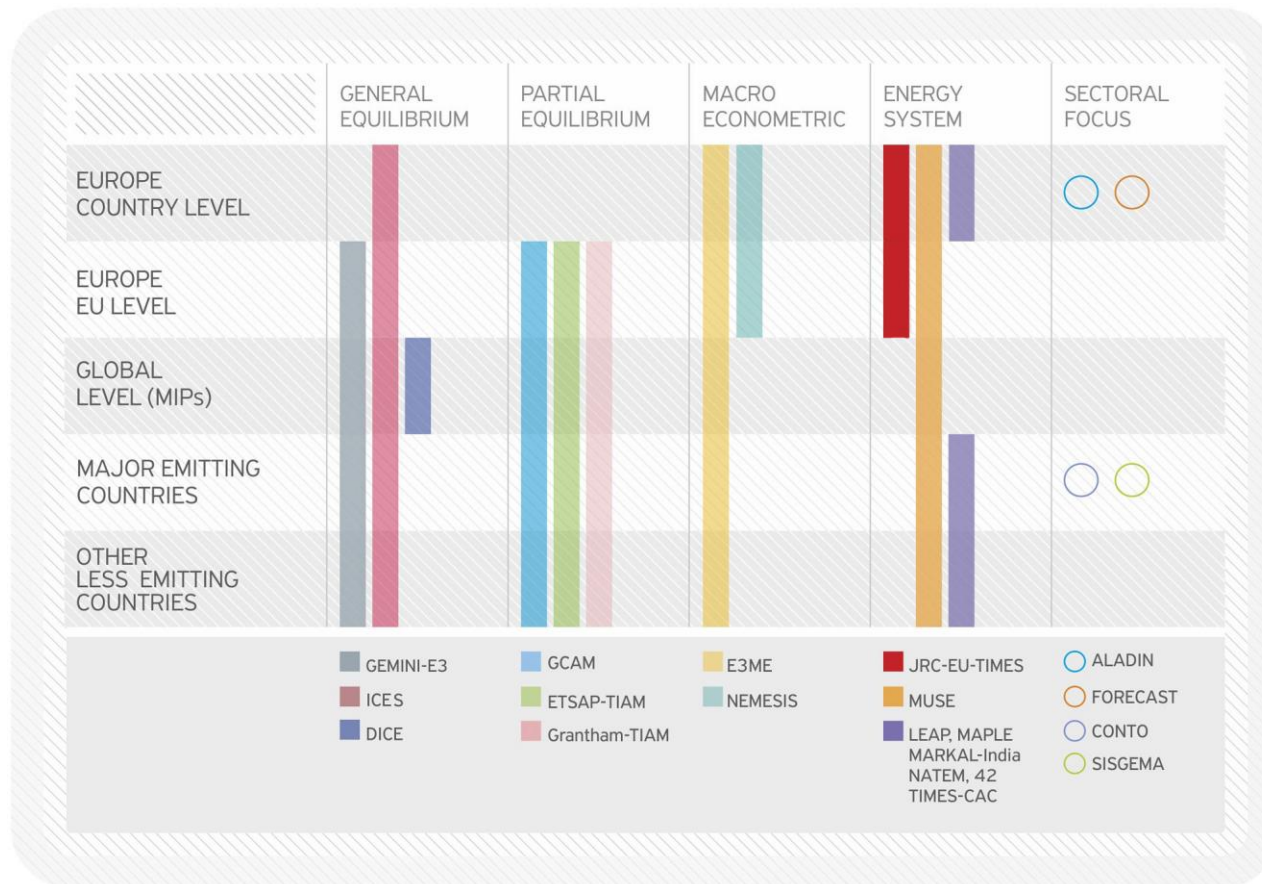


PARIS REINFORCE consists of **four fully interconnected pillars**

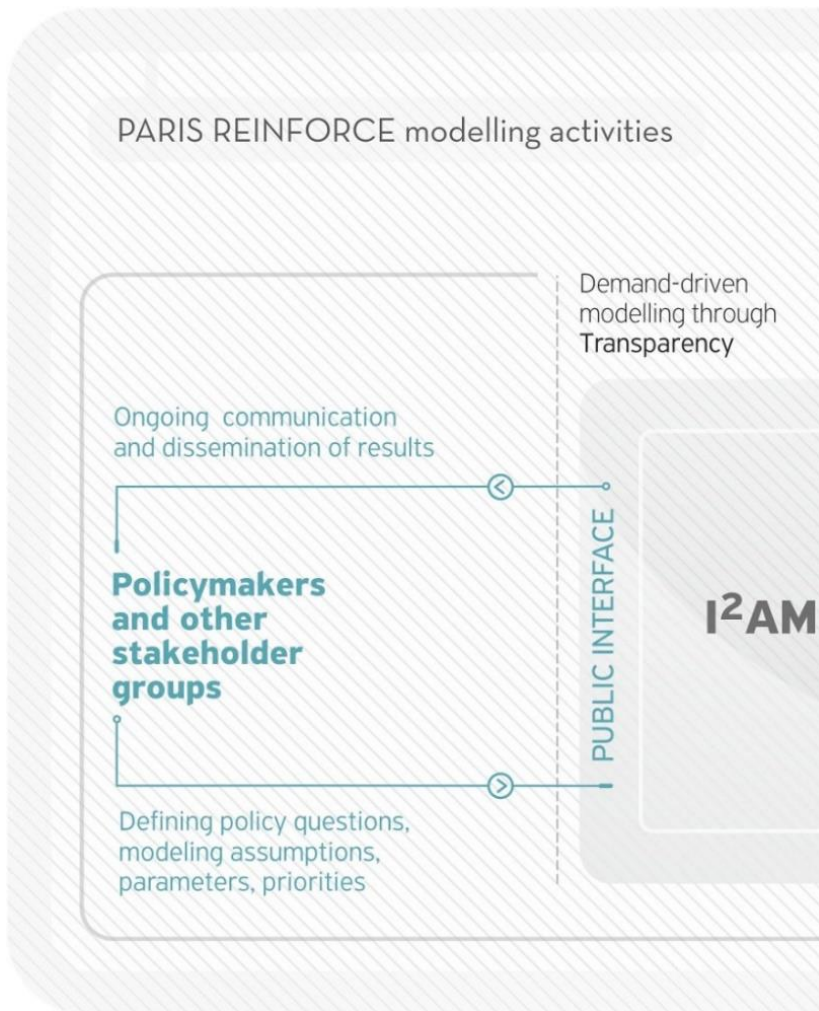


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A set of **complementary**-in terms of mathematical structure, geographical, sectoral and focus coverage-**integrated assessment, energy system** and **sectoral models**



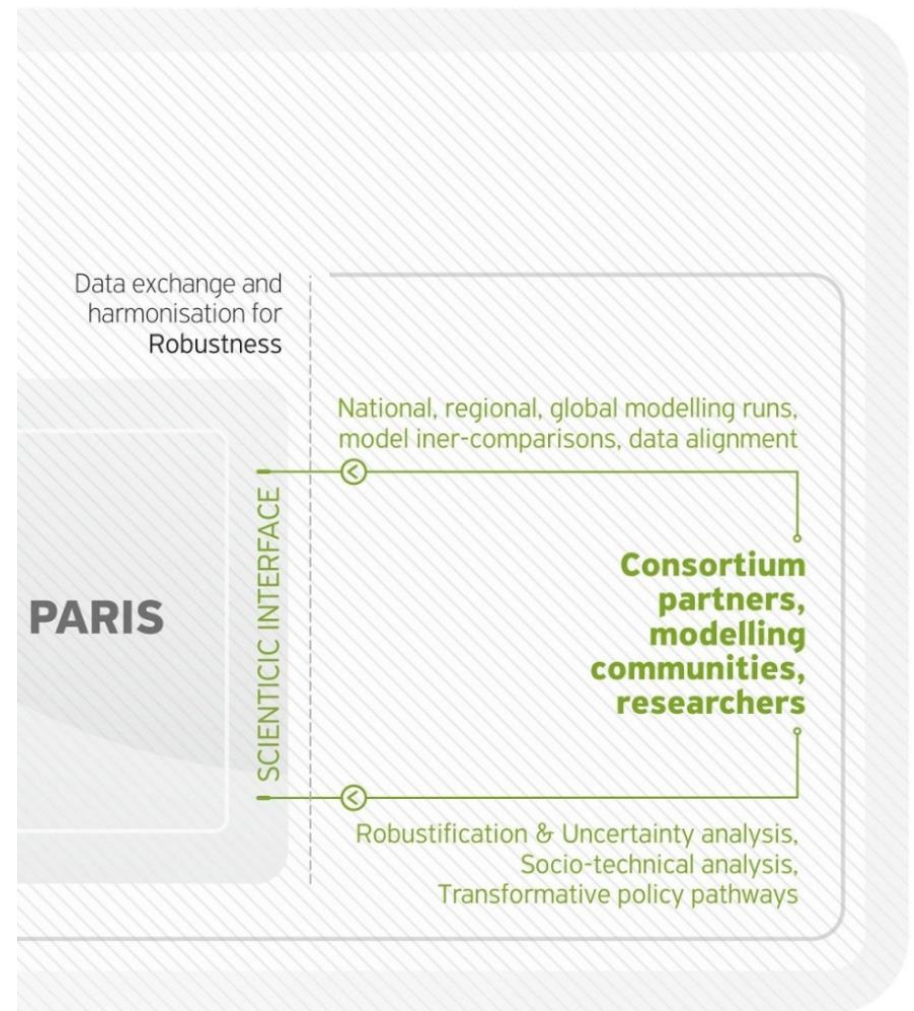
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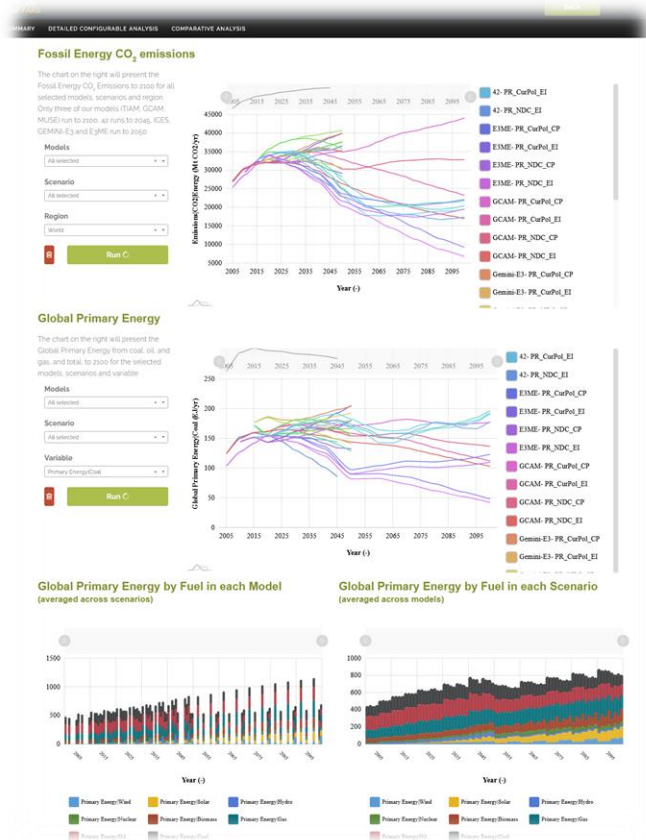
- You may find a detailed, dynamic, and comparative **documentation** of all PR (and non-PR) models & **harmonisation heatmaps** across models, including **1 policy brief** on modelling capabilities ('What can our models do?').
- In theme-specific workspaces, you may find a **user-friendly presentation** 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.



- 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.



<http://i2am-paris.eu>



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Building **ownership** and ensuring **policy relevance**, through **co-creation**.



Spring workshops:

- March 2021: Central Asian Caspian region (2nd), Russia
- May 2021: Central Asian Caspian region (3rd), **Switzerland**, France, EU regional (2nd), USA
- June 2021: Netherlands, China





Thank you!

Haris Doukas

h_doukas@epu.ntua.gr

Alexandros Nikas

anikas@epu.ntua.gr

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