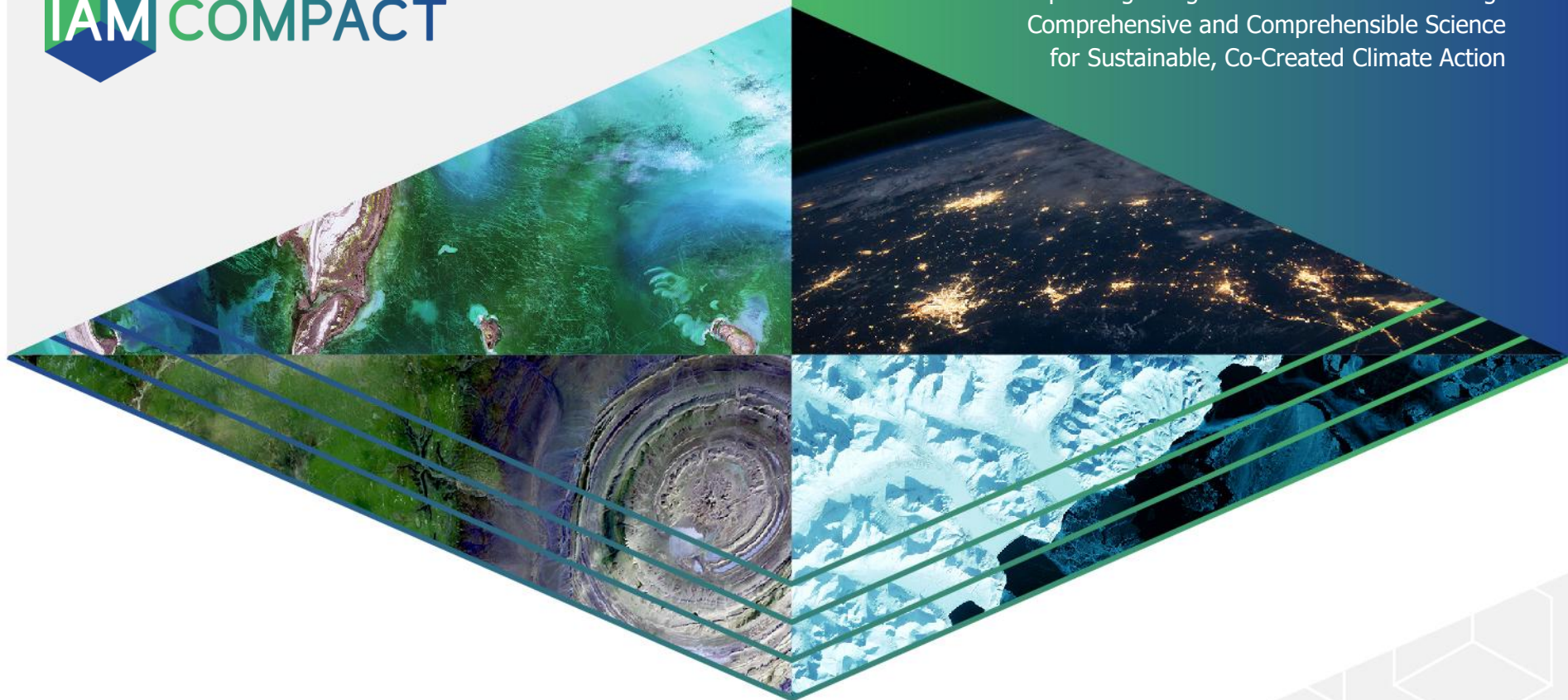




Expanding Integrated Assessment Modelling:
Comprehensive and Comprehensible Science
for Sustainable, Co-Created Climate Action



Responsive science in support of climate policymaking
IAM COMPACT Final Conference, Athens, 29 August 2025

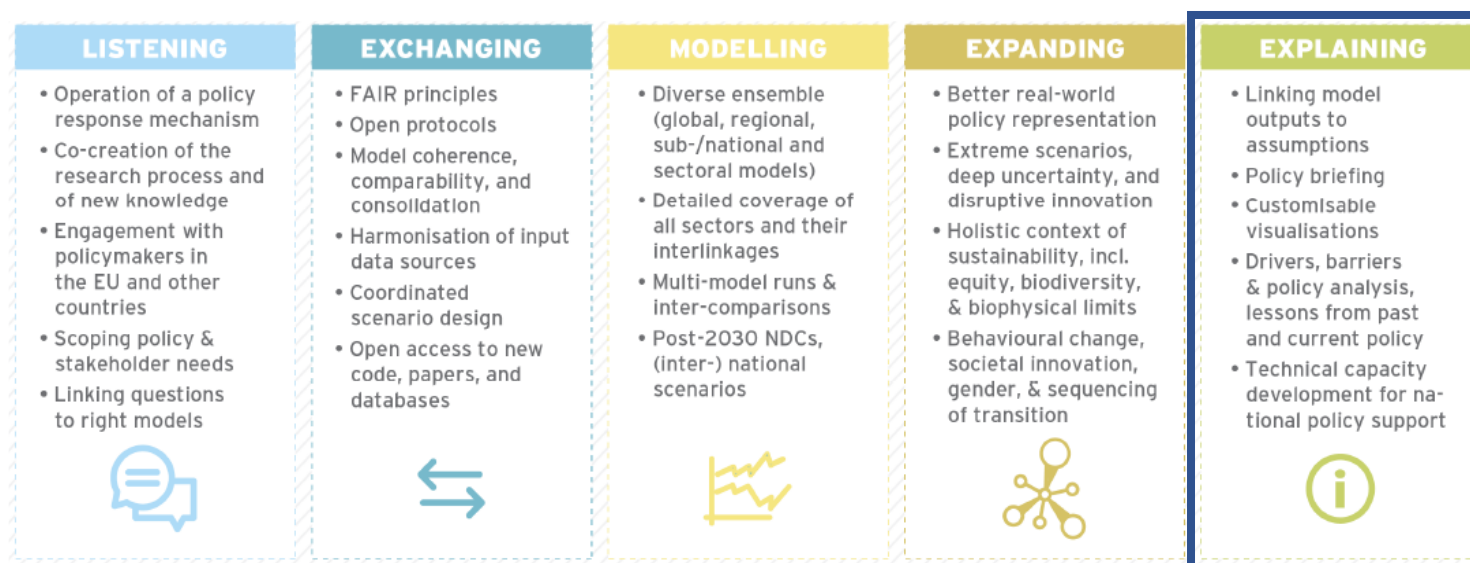
A novel framework for capacity development

Dr. Francesco Gardumi, KTH Royal Institute of Technology



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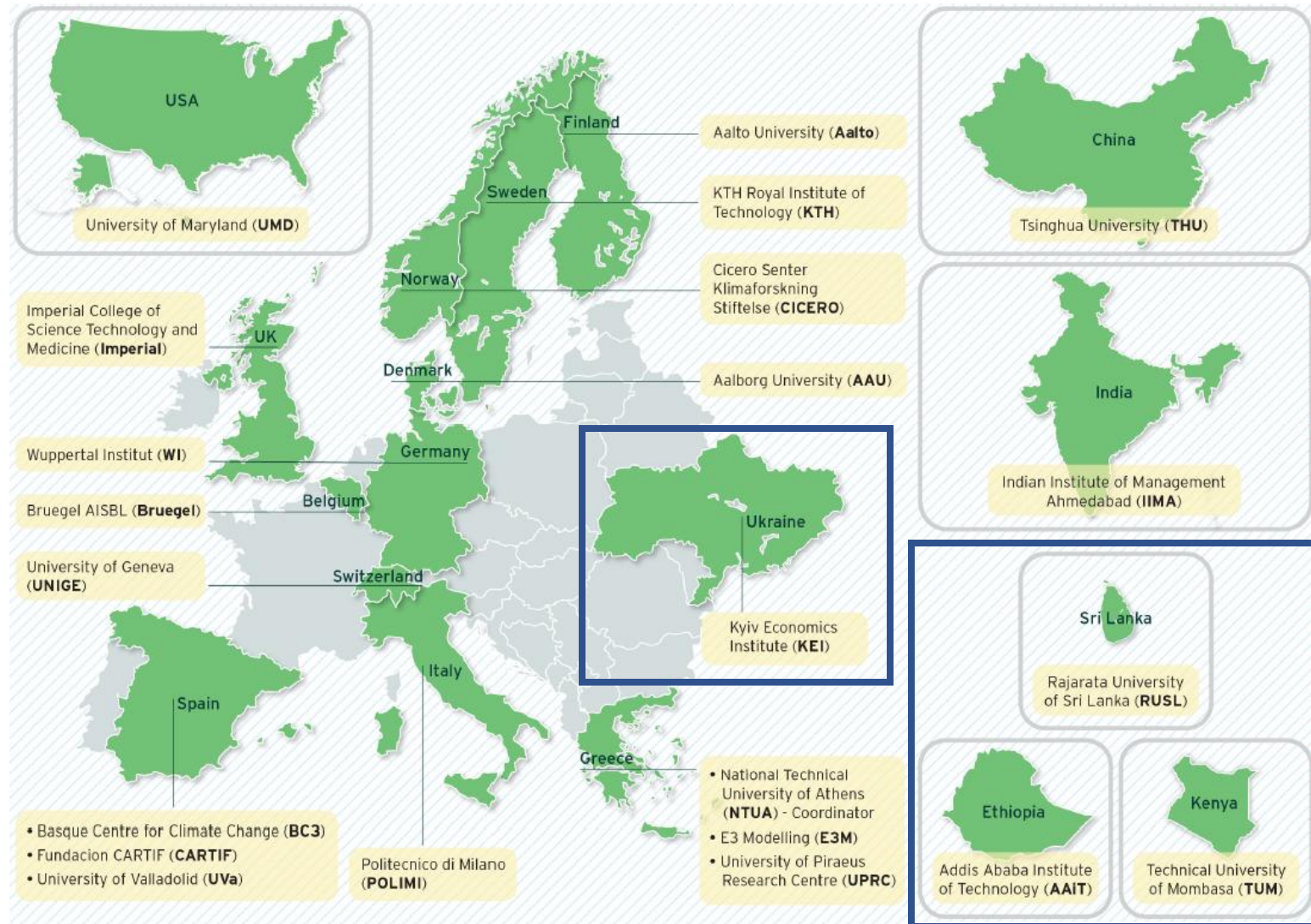


Looking beyond the EU: joining efforts in making the modelling toolkit adequate to address a wide range of global transition challenges

Training trainers: creating a wider base of experts and diversity of expertise

Sharing knowledge: fostering multi-lateral knowledge exchange for leapfrogging climate-compatible development also in the EU

Why looking beyond the EU?



More knowledge exchange, more learning:

- New experts and trainers – starting / contributing to courses and trainings in-country and in the EU;
- Exchange of teaching staff - Contributions to and views on teaching for the EU partners (e.g. update of a course at KTH);

Improved model infrastructure:

- Pilot infrastructure for standardization of national insights on climate, land, energy, water planning in IAMC (and IPCC) format;

National insights for climate action – improved global effort:

- Sustainable restoration of the heat and power sector in Ukraine;
- Policy coherence in land use, water supply and energy supply planning under resource scarcity and severe climate change in Sri Lanka, Ethiopia and Kenya.





Thank you!

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