

Climate – SDG linkages

- Which SDGs are the ones to focus on (in IAMs)
- What is the right metric to measure things
- Approaches to evaluate multiple priorities (multi-objective optimization?, weighting?, new welfare formulations)
- New approaches for bridging spatial and temporal scales (eg, basins → national → regional → global solutions)
- Better representation of social heterogeneity & distribution of impacts
- New concepts of technology innovation and diffusion
- Policy instruments (mixed approaches of simple mechanisms (tax) + standards)

Infrastructure/Finance/Technology Deployment

- Data on investments and/or information on costs and other assumptions to allow off-line calculations
- Better characterization of cost of capital (e.g. risk adjusted returns)
- Explore methods to factor in more complex macroeconomic and public finance feedbacks (e.g. terms of trade, tax interactions)
- More realistic constraints on implied financial flows
- Check impact on transformation pathways/costs

- Timelines and Branch Points for technology pathways
- Barriers - transparency

Topics on the institutions for the IAMS

- Cost of capital (risks, granularity of technology, etc...)
- “Stickiness” of policies (incumbency, behavior, other barriers)
- New concepts of technology innovation and diffusion
- Policy instruments (mixed approaches of simple mechanisms (tax) + standards)
- Coalitions/clubs formation and deepening (and implications for costs, etc...)