

# ***Assessing Transformation Pathways Post-Paris and Implications for IA Research***

## **Wednesday:**

**Scene Setting: NDCs, SDGs and longer-term climate goals**

## **Thursday:**

**Key issues affecting the realism of transformation pathways**

## **Friday:**

**Implications for climate change assessment and IA research**

Wednesday

# Scene Setting: NDCs, SDGs and longer-term climate goals

## Session 1: What came out of Paris?

- What are the key features of the agreement and what are the potential consequences of its successful implementation?
- What is the outlook for future action?
- What is the role of IA in informing goals and pathways?

## Session 2: Climate in the context of SDGs

- How will the pursuit of other priorities and goals affect implementation of the Paris Agreement or longer-term pathways?
- What is the role of IA more generally in informing goals, development, and transformation pathways?

## Session 3: Implementation of the NDCs

- What policies and measures will be used to implement the NDCs?
- What is the connection between the NDCs and longer-term goals?
- What are the best metrics for evaluating these policies and what can one learn from such evaluation?

Thursday

# Key issues affecting the realism of transformation pathways

## Session 4: Infrastructure and Technology Deployment in Transformation Pathways

- What are indicators of infrastructure and technology transformation?
- What barriers could be encountered, and what does this imply for the pace of transformation?

## Session 5: Institutions in Transformation Pathways

- How will existing institutions and institutional change shape pathways?
- What barriers could be encountered, and what does this imply for the pace of transformation?

## Session 6: Transformation Pathways in Models – From NDCs through Midcentury

- What are credible pathways through 2050?
- How do models handle barriers discussed above?
- What are useful indicators of transformation in models?

## Session 7: Transformation Pathways in Models – Examining Longer-term Goals

- What are credible pathways through 2100?
- How do models handle barriers discussed above?
- What are useful indicators of transformation in models?

Friday

# Implications for climate change assessment and IA research

## Session 8: Assessing Transformation Pathways and 1.5°C

- What is implied for near-term and long-term goals, and how might this be assessed?
- What additional information is needed for assessment?

## Session 9: Breakout Groups

- What are the most relevant and useful metrics, indicators and signposts of transformation in the categories below?
- What are the most important barriers or real world features to consider in the categories below?
- How can these barriers be most appropriately included as structural or input assumptions to models and which indicators are most important to consider as outputs of models?

## Session 10: Next Steps: Transformation Pathways and IAMs

- What research pathways, model development activities and/or community efforts are needed for IAMs to provide relevant information?

## Session 11: Next Steps: Transformation Pathways and Assessments

- How should assessments be structured to provide relevant information?