

# Planning the Energy Transition – From Scenarios to Roadmaps

## Organized by

GIZ Energy, Secretariat of the Moroccan-German Energy Partnership (PAREMA)

## When and where?

Side event: 18 Nov 2016, 11:00-12:30  
Exhibition: 14-18 Nov 2016  
GIZ Stand N°308, Green Zone



Energy transitions are moving forward around the world. Scenario modeling and prospective studies can help governments identify pathways to their political targets and thereby inform their decision-making, strategies and implementation roadmaps for the energy sector.

Market actors rely on transparent and reliable long-term strategies. Rapid, disruptive technological developments and climate change necessitate prospective scenarios and iterative learning. With a large number of countries planning their energy transitions and developing their NDCs, scenarios and roadmaps help build a reliable information basis for both national and international stakeholders.

This side-event will gather experiences from representatives of countries and research institutes involved in energy scenario modelling and energy transition roadmap planning. Questions to be discussed include:

- Does the climate decide for the energy or the other way around?
- How to plan for the long-term while keeping flexible with regards to technological developments, costs, disruptive changes etc.?
- How to avoid lock-in and stranded assets?

- How to make assumptions for technological progress, discount rates, carbon pricing and the (so far) non-electric sectors?
- How to foster transparency, code and data sharing in order to increase the impact of models?
- Are there important and specific features for models in non-industrialized countries?
- What are best practices, e.g. for capacity building?

## Participants:

- **German perspective and moderation:** Thorsten Herdan, Director General for Energy Policy –Heating and Efficiency, Federal Ministry for Economic Affairs and Energy
- **Indian perspective:** Ritu Mathur, Director Green Growth and Resource Efficiency, The Energy and Resources Institute (TERI), New Dehli
- **Research perspective:** Jason Veysey, Senior Scientist, Stockholm Environment Institute, US
- **International perspective and Delphi study:** Vera Scholz, Director Environment and Climate Change Division, GIZ, Germany