THE ENERGY AND RESOURCES INSTITUTE
Creating Innovative Solutions for a Sustainable Future

Clean Energy Transition Pathways and Tracking Progress with Paris Agreement Implementation

Co-organised by IEA - TERI

Tuesday, 10 Dec 2019, 11:30-13:00, Room 6

Description

Energy production and use constitutes the largest source of global greenhouse gas (GHG) emissions globally. Identifying long-term strategies towards clean energy transition and tracking progress in energy-related emissions and their underlying drivers are therefore essential to achieving the objectives of the Paris Agreement.

IEA and TERI have provided pathways for decarbonisation and sustainable development in key energy sectors. For instance, IEA's Sustainable Development Scenario (SDS) lays out a pathway for how the world's energy sector can change course to deliver key energy-related sustainable development goals, including on climate change. In addition to the pathways, tracking tools based on the latest data and rigorous analysis across all fuels and technologies help countries identify the current status and facilitate adoption of innovative technologies.

The event will introduce the latest analyses on clean energy transition pathways and underscore the importance of monitoring and tracking progress. Based on the results, it will highlight remaining gaps and key opportunities, motivating stakeholders from diverse sectors to catalyse innovation and scale up their actions to deliver the Paris Agreement's goal.

Agenda

Moderator : Sara Moarif, Head of Environment and Climate Change Unit, International Energy Agency (IEA)

11:30 Keynote presentation

- Mechthild Worsdorfer, Director of Sustainability, Technology and Outlooks, International Energy Agency (IEA)

11:45 Panel Discussion : Long-term pathways and tracking progress towards clean energy transition

Key Questions:

1. How the establishment of the long-term pathways towards clean energy transition contribute to delivering the Paris Development Goals at national/regional level?
2. How can we effectively monitor and track progress towards clean energy transition at national/regional level?
3. What are the remaining gaps between the pathways and actual achievements?
4. How can innovative technologies can contribute to closing the gap and facilitating clean energy transition?

Panellists (max 5 people):

- R.R. Rashmi, Distinguished Fellow, TERI
- Ditte Juul Jørgensen, Director General for Energy, European Commission (tbc)
- Hiroshi Oikawa, President New Energy and Industrial Technology Development Organization (NEDO)

- Bertrand Piccard, CEO, Solar Impulse Foundation (tbc)
- Marcio de Miranda Santos, President, CGEE (tbc)
- Niklas Höhne, Founding Partner, NewClimate Institute (tbc)
- Gustavo Alberto Fonseca, Director of Programs, The Capacity-building Initiative for Transparency (CBIT), Global Environment Facility (GEF) (tbc)
- Korea or China (tbc)

12:35 Q&A

12:55 Wrap up by Moderator