

## Decarbonization of the Economy: Energy System Transformation

December 9, 9:30-11:00

**Contact:** Monica Dean

**Short description (max 250 words):**

The IPCC Special Report on Global Warming of 1.5C (SR15), showed that reaching 1.5C degree pathways will require a wholesale transformation of the global energy systems that underpin our modern economies - and generate most of our greenhouse gas emissions. Pathways consistent with 1.5C include a rapid decline in the carbon intensity of electricity and an increase in electrification of energy end use in order to reach 'net zero' emissions by 2050 .

This moderated discussion will explore the recent developments in energy markets, analyses, and initiatives that may change the prospect for the achievability, social acceptability, and economic attractiveness of the 1.5 °C temperature target.

**Provisional Programme**

| Moderator (name and title):<br>Mónica Araya, Costa Rica Limpia |                      |                               |
|--|----------------------|-------------------------------|
| Time   | Description          | Speaker                       |
| 9:30-9:35  | Welcome/Introduction | Mónica Araya                  |
| 9:35-9:40  | Opening remarks      | Hoesung Lee, IPCC Chair       |
|  | Moderated Discussion | Youba Sokona, IPCC Vice Chair |

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|-------------|-------------------------|--|
|             |                         | <p>Leon Clarke, University of Maryland, Center for Global Sustainability</p> <p>Daniel Kammen, University of California Berkeley</p> <p>Marta Torres-Gunfaus, IDDRI</p> <p>Glenn Pierce-Oroz, Sustainable Energy for All (SEforALL)</p> <p>Vicky Sins - Climate and Energy Benchmark Lead, World Benchmarking Alliance (WBA)</p> |
| 10:35-10:55 | Q&A session w/Audience  | Moderator  |
| 10:55-11:00 | Closing Remarks/Summary | Moderator  |

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