



Connecting Roadmaps for Innovative Nuclear Energy to the NDC Timeline

Wednesday, 8 November 2017, 14:00 – 15:30, IETA Pavilion, Bonn Zone

BACKGROUND

To meet the goal of the Paris Climate Change Agreement to limit the global temperature rise to below 2°C, as well as to secure sustainable and reliable energy for all, all sources of low carbon energy will likely be needed. Nuclear power has already made a significant contribution to avoiding carbon dioxide emissions. The requirement in the Paris Agreement to regularly update Nationally Determined Contributions provides countries with the opportunity to adapt their future energy choices to the evolution of nuclear power technologies. This includes innovative fuels and reactor designs to make nuclear power generation even safer and more reliable and sustainable. Complementary applications of nuclear energy beyond large scale electricity baseload generation, such as cogeneration, may also open up other markets. With the right support, these technologies can enable countries to pursue increasingly ambitious mitigation goals.

OBJECTIVE

The Side Event will inform delegations about the potential of advanced nuclear technologies currently under development. The event will present roadmaps for nuclear energy innovation that countries can incorporate into future updates of NDCs.

MODERATOR: Huang Wei, Director of the Division of Planning, Information and Knowledge Management, International Atomic Energy Agency (IAEA)

PANELISTS:

- **Chris White**, Director of Government Affairs, URENCO Group, United Kingdom
- **Elmar Schweitzer**, Materials & Thermal-Mechanics, Areva, Germany
- **David Shropshire**, Head, Planning and Economic Studies Section, International Atomic Energy Agency (IAEA)
- **Aliki van Heek**, Unit Head (3E Analysis), Planning and Economic Studies Section, International Atomic Energy Agency (IAEA)

Organized by the: