



United
Nations



HIGH-LEVEL DIALOGUE ON
ENERGY
UNITED NATIONS, NEW YORK, SEPTEMBER 2021

Ministerial Thematic Forums

21 – 25 June 2021

Event name: Nuclear Energy's contribution to net zero and the sustainable development goals

Event date and time: 24 June 2021, 11.30 - 12.45 NY time

Organizers: World Nuclear Association, Canadian Nuclear Association, FORATOM, the Japan Atomic Industry Forum and Nuclear Energy Institute and sponsored by the Clean Energy Ministerial's NICE Future initiative

Number of participants: 207

Main speakers and brief summary [max 300 words]:

The first session of the event featured **Kathryn Huff**, Acting Assistant Secretary and Principal Deputy Assistant Secretary for the Office of Nuclear Energy, US DOE, representing the US government and **Tomasz Nowacki**, Director of Nuclear Energy Department at the Ministry of Climate and Environment, representing the Government of Poland. Both speakers demonstrated the importance of nuclear energy for their respective countries in achieving net-zero goals and supporting the cost-effective transition to a resilient clean energy system, whilst ensuring socio-economic development and growth.

The second session featured **Johan Svenningsson**, CEO of UNIPER, **Hidehito Mimaki**, General Manager, Nuclear Energy Systems, Mitsubishi Heavy Industries and **John Gorman**, President and CEO, Canadian Nuclear Association. They brought the industry's perspective on the importance of nuclear energy for the stability, reliability and cost-effectiveness of the electricity system, and demonstrated the various applications of nuclear for electricity generation and beyond.

Key outcomes [max 100 words]:

- Recognition of the very important contribution nuclear energy has made to global decarbonization for more than five decades, being the largest source of low-carbon electricity in developed countries, and the second largest after hydropower at a global level.

- Recognition of the role that nuclear energy can play in achieving global decarbonization whilst addressing challenges such as global inequality and lack of fair access to affordable clean energy.
- Articulation of the support of governments, both existing nuclear countries as well as countries embarking on a new nuclear programme, for nuclear energy as a low-carbon source of electricity that is essential for their countries net-zero targets, boosting economic development and providing long-term highly skilled and well paid jobs.
- Highlight the various applications of nuclear energy to help decarbonize hard to abate energy sectors beyond electricity, such as the use of zero-carbon heat to produce hydrogen, ammonia and synthetic fuels for transportation, process heat for heavy industry and district heating for the conditioning of buildings.

Links to livestream recording/website/social media: Coming soon

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