



NEA official side event at the 13th Clean Energy Ministerial

On behalf of the NICE Future Initiative and in cooperation with IFNEC

Unlocking Large-scale Deployment of Low-carbon Hydrogen: The role of nuclear and renewable energies

Pittsburgh, 23 September 2022 – 9:00 AM - 10:00 AM

Draft Agenda

Scope: Hydrogen is expected to play an essential role as part of sustainable and resilient pathways to Net Zero. There is growing momentum among CEM countries for scaling-up the production of low-carbon hydrogen within this decade from low-carbon electricity and heat sources. All low-carbon sources of power electricity and heat - from renewables and nuclear energy - will be needed. Recent projects coupling nuclear power plants with electrolyzers demonstrate pathways to success. This side event will bring policy and industry leaders together to take stock of recent initiatives around the world and to discuss key policy measures that can foster integration of nuclear and renewables for scaling up low-carbon hydrogen.

Welcome

Kathryn Huff, Assistant Secretariat for Nuclear Energy, US Department of Energy

Keynote remarks

- William D. Magwood, IV, Director-General, Nuclear Energy Agency
- Ministers from NICE Future & Hydrogen Initiative countries

Panel discussion

Moderator: Matthew Mairinger, North American Young Generation in Nuclear (NAYGN)

- Kirsty Gogan, Founder and Managing Director, TerraPraxis
- Carlos Leipner, Director, Global Nuclear Energy Strategy, Clean Air Task Force
- Michel Berthélemy, Nuclear Energy Analyst, Nuclear Energy Agency
- Shannon Bragg-Sitton, Director, Integrated Energy & Storage Systems Division, Idaho National Lab

Closing

- Kathryn Huff, Assistant Secretariat for Nuclear Energy, US Department of Energy