

**12TH CLEAN ENERGY MINISTERIAL – CLEAN ENERGY COMMUNITY UPDATE
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You are invited to join the May 31-June 6, 2021, all-virtual joint Twelfth Clean Energy Ministerial (CEM-12), with an extensive program of ministerial events, open to all. The CEM brings together the world's leading countries, companies and international experts to achieve one mission - accelerate clean energy transitions.

Nuclear energy's contributions to the clean energy transition will be featured at pre-recorded events, sponsored by CEM's Nuclear Innovation: Clean Energy Future (NICE Future) initiative, and available for replay throughout the week. The "Pathways to Net Zero with Nuclear Innovation" event will feature remarks from Ministers and energy leaders and a publication found [here](#). Two other exciting nuclear events to watch, organized by environmental non-profits TerraPraxis, Third Way, and ClearPath for NICE Future are "Clean Energy and Green Hydrogen for Fuels and Industrial heat" and "Flexible Nuclear Campaign for Nuclear-Renewables Integration."

**Pathways to Net Zero with Nuclear Innovation
Livestream Viewing on Thursday, June 3
18:35-19:35 CEST / 12:35 PM-1:35 PM EDT**

[WATCH PREVIEW](#)

Join ministers, multi-governmental organization leaders, environmental non-profit and industry leaders, as we hear about diverse national and multi-national pathways to net zero. The event will highlight how technology breakthroughs and innovations can accelerate strategies to cleaner energy. Join the launch of a new NICE Future publication, featuring perspectives on these pathways. Learn how flexibility and integration will be key to maximizing the full potential of power systems. This flexibility will reduce emissions, while providing clean, reliable, and affordable energy. Additional benefits are the production of heat, drinking water, and more. Listen to Kenya's perspectives about how it supplies energy to remote regions where access to electricity is difficult. Hear a presentation from youth about their aspirations for a cleaner future.

Welcome by **Dr. Jill Engel-Cox**, Director, Joint Institute for Strategic Energy Analysis (JISEA), U.S. National Renewable Energy Laboratory (NREL), and Operating Agent of the NICE Future initiative

Special Video: **Rich Powell**, Executive Director, ClearPath

Special Video: **Kelsy Green**, Climate Change Project Chair, International Youth Nuclear Congress

Session 1: National Pathways: Introduced by **Josh Freed**, Lead, Climate and Energy Program, Third Way

- **Hon. Seamus O'Regan**, Member of Parliament, Minister of Natural Resources, Canada
- **Rt. Hon Anne-Marie Trevelyan**, Minister of Business, Energy, and Clean Growth at the Department for Business, Energy, and Industrial Strategy, U.K.
- **Hon. David Turk**, Deputy Secretary, U.S. Department of Energy
- **Hon. Kiyoshi Ejima**, State Minister of Economy, Trade, and Industry, Japan
- **Hon. Michał Kurtyka**, Minister of Climate and Environment, Poland
- **Hon. Eng. Collins Juma**, Chief Executive Officer, Nuclear Power and Energy Agency, Kenya

Session 2: Perspectives: Moderated by **Kirsty Gogan**, Founder and Managing Director of TerraPraxis

- Dr. Sama Bilbao y León**, Director-General, World Nuclear Association
- Rafael Mariano Grossi**, Director General, International Atomic Energy Agency
- William D. Magwood, IV**, Director-General, OECD Nuclear Energy Agency
- Dr. Fatih Birol**, Executive Director, International Energy Agency

Clean Energy and Green Hydrogen for Fuels and Industrial heat

[WATCH TRAILER](#)

Even as clean electricity becomes more readily available worldwide, emissions are still projected to continue — and rise — in the difficult-to-decarbonize sectors, such as industry, aviation, and shipping. This Nuclear Innovation: Clean Energy Future (NICE Future) initiative side event will explore opportunities to target these hard-to-abate sectors with advanced heat sources and hydrogen-enabled synthetic fuels to accelerate cost-effective transitions to zero emissions energy systems.

Featuring (in order of appearance):

- **Josh Freed**, Leader, Third Way
- **Anj Chadha (moderator)**, Co-Founder and Chief Executive of Top Tier Impact Strategies (TTIS)
- **Rachel Maclean**, Parliamentary Under Secretary of State at the Department for Transport
- **Nobuo Tanaka**, Chair of the Steering Committee of the Innovation for Cool Earth Forum
- **Dr.-Ing. Erwin Plett**, Green Hydrogen Ambassador for Chile
- **Seth Grae**, CEO, Lightbridge Corporation
- **Kirsty Gogan**, Co-Founder of TerraPraxis
- **Dr. Rita Baranwal**, Vice President of Nuclear and Chief Nuclear Officer at the Electric Power Research Institute
- **Yasushi Fukuizumi**, Executive Officer & Senior Executive Fellow at Mitsubishi Heavy Industries
- **Carlos Leipner**, Director Global Nuclear Energy Strategy, Clean Air Task Force
- **Eri Nakatani**, Acting Director for Nuclear Technology, Ministry of Economy, Trade and Industry of Japan

Flexible Nuclear Campaign for Nuclear-Renewables Integration

[WATCH TRAILER](#)

The Nuclear Innovation: Clean Energy Future (NICE Future) initiative is in year 2 of its Flexible Nuclear Campaign for Nuclear-Renewables Integration (FNC). The discussion will focus on nuclear technology's system flexibility benefits, presenting new applications that target hard-to-decarbonize sectors and enable re-use of existing infrastructure without emissions.

This will include the opportunity to cost-competitively repower coal fleets to make them cleaner and more flexible than today, while expanding clean energy jobs. This event seeks to raise the profile of the FNC and shine a light on the transformative potential for nuclear energy to accelerate decarbonization and an equitable energy transition.

Featuring (in order of appearance):

- **Rich POWELL** (moderator), Executive Director of ClearPath
- **Maria KORSNICK**, President and CEO of the Nuclear Energy Institute
- **Rumina VELSHI**, President and CEO of the Canadian Nuclear Safety Commission
- **Shannon BRAGG-SITTON**, Lead, Integrated Energy Systems at the Idaho National Laboratory
- **Diana MUSYOKA**, Environmental Scientist at Nuclear Power Energy Agency (NuPEA) from Kenya
- **Stephane FEUTRY**, Senior Advisor for Operation at EDF
- **Staffan QVIST**, Consultant at Qvist Consulting Limited
- **Zbigniew KUBACKI**, Advisor to the Minister at the Ministry of Climate of Poland
- **Eric INGERSOLL**, Co-Founder of TerraPraxis
- **Kirsty GOGAN**, Co-Founder of TerraPraxis
- **Lauren LATHAM**, Research Engineer at Southern Company
- **Carol GREGORIS**, Project Director for Darlington New Nuclear Project at Ontario Power Generation
- **Jessica LOVERING**, Co-Founder of the Good Energy Collective
- **Isabelle BOEMEKE**, Nuclear Energy Influencer and Fashion Model

The NICE Future initiative envisions clean energy systems that take advantage of emissions-free nuclear energy in new and innovative ways to accelerate progress toward clean energy and climate goals. Launched by ministers at the Ninth CEM (Copenhagen, May 2018) by the United States, Canada, and Japan, the NICE Future initiative comprises 13 countries and 17 partner organizations and has engaged experts from more than 60 countries and 80 organizations through its events, activities, and projects. It has four focus areas: (1) innovation, both electric and non-electric; (2) engagement of stakeholders on energy options; (3) valuation and financing; and (4) communicating nuclear energy's roles within clean energy systems and building the workforce of the future. Learn more here: <https://nice-future.org/about>. To receive updates, please join our mailing list [CLICK HERE](#)