

ADVISORY

For 22 and 23 September, Pittsburgh (United States)

Industrial decarbonization featured at the Global Clean Energy Action Forum (GCEAF)

The [Industrial Deep Decarbonization Initiative \(IDDI\)](#), a global coalition of public and private organizations led by the United Nations Industrial Development Organization (UNIDO), will participate at the GCEAF. The IDDI delegation will announce new international targets to cut carbon emissions from public construction projects and host/moderate a series of events discussing the technologies, innovations, investments and policies needed to accelerate the decarbonization of energy-intensive industries like steel, cement and concrete.

Friday, 23 September

Announcement of the Green Public Procurement Pledge, a set of new international targets to cut carbon emissions from public construction projects

12h15 - 13h15 EDT | Main stage | By Rana Ghoneim, Head of UNIDO's Energy Systems and Industrial Decarbonization Unit

The new targets aim to incentivize the production and use of lower-carbon steel, cement and concrete. These materials are the building blocks of our modern world. They feature in every building, hospital, road and bridge built with public funds but they also contribute the largest share of industrial greenhouse gas emissions. Governments are among the biggest purchasers of these materials and can help cut emissions in their own construction projects through greener public procurement. A press release detailing this announcement will be sent out on 21 September.

For background briefings and to arrange interviews with UNIDO and other IDDI members present at the GCEAF, please contact:

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Thursday, 22 September

High level roundtable moderated by John Kerry, US Special Presidential Envoy for Climate (SPEC), on industrial decarbonization

10:45 - 11:45 EDT | Western Hotel | Organized by US Department of Energy and UNIDO (INVITATION ONLY)

Achieving decarbonization of heavy industries such as steel and cement requires significant investments and hundreds of net-zero steel and cement plants to be built in the near term. Moderated by US SPEC, John Kerry, the Roundtable will focus on identifying concrete actions and recommendations to trigger investments in low carbon and near zero production technologies in the short term. Speakers in this roundtable include:

- Australia's Minister of Climate Change and Energy, Department of Climate Change, Energy, the Environment and Water;
- Austria's Minister, Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology;
- Mexico's Secretary, Secretariat of Energy;
- New Zealand's Minister of Energy and Resources;
- Sweden's Minister, Ministry for Energy and Digital Development.

Other side events on topics related to industrial decarbonization and green public procurement (OPEN PARTICIPATION)

Event name	Organizers	Date + time (EDT)	Description
The role of industrial electrification in decarbonized power systems	<ul style="list-style-type: none"> UNIDO NREL (21PP) Mission Innovation Net-Zero Industries Initiative 	Thursday, 22 Sept 12h30 to 13h30 ROOM 413	This panel will examine how challenge focused innovation, public-private partnerships and technology cooperation will help in driving investments in clean energy investments and innovation. It will explore options for industrial process electrification, and the implications for power system planning operations, market design, and regulation.
Buying Green – the role of public procurement in driving decarbonization of heavy industry	<ul style="list-style-type: none"> UNIDO COP26 Presidency First Movers Coalition SteelZero 	Thursday, 22 Sept 13h45 to 14h45 ROOM 301	COP26 featured a number of announcements on green procurement commitments by public and private actors to drive demand for green products such as steel and cement. This side event will discuss how different initiatives like the Industrial Deep Decarbonization Initiative (IDDI), the First Movers Coalition and Steel Zero are creating demand for green products and examine the key actions that various actors need to undertake to bring the ambitions and commitments closer to reach.
Coalitions facilitating the technology pathways for net zero industries	<ul style="list-style-type: none"> UNIDO Mission Innovation Net-Zero Industries Initiative ClimateWorks Foundation 	Friday, 23 Sept 10h15 to 11h15 ROOM 302	The industrial decarbonization of energy intensive sectors, such as steel and cement, requires accelerated deployment of technologies that are not yet fully commercialized like hydrogen and CCUS. The session will examine the status of readiness of different technologies, share examples and best practices for enabling the development of new technologies and discuss how government policies can create the right pull mechanisms to boost innovation and deployment.
Asian Green Steel – Building leadership on steel decarbonization	<ul style="list-style-type: none"> UNIDO Climate Catalyst Solutions for Our Climate TERI 	Friday, 23 Sept 10h15 to 11h15 ROOM 408	This event will focus on opportunities and policy levers to stimulate market demand and galvanize investments, keeping in mind just transition principles. It will leverage UNIDO's Industrial Deep Decarbonization Initiative to focus on green public and private procurement to stimulate demand for low carbon steel in Asia. The event will contribute to building an Asian steel network and encourage Asian policy makers to set ambitious green procurement targets for steel.
Collaborating to scale up ccus for the cement sector	<ul style="list-style-type: none"> UNIDO CEM'S CCUS Global Cement and Concrete Association (GCCA) 	Friday, 23 Sept 11h30 to 12h30 ROOM 407	This event will discuss the challenge and opportunity for CCUS as a major decarbonization lever for the global cement sector. Industries will outline the challenge, after which a panel discussion will delve into key enabling factors such as support policies and financing, public procurement policies and CO2 infrastructure and storage options and strategic hubs.