



G20 International Seminar

On

Sharing global policies and best practices to decarbonize “Hard to Abate” sectors

16 May 2023 (Tuesday)

Mumbai, India

14:00 Hrs-16:30 Hrs. (IST)

Venue: Lotus Ball Room-1, Jio World Convention Centre, BKC,
Mumbai

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Background

The demand for steel and cement is set to grow due to rising population, industrialization, and urbanization in emerging economies. In addition, the transition to a sustainable energy system in all G20 countries adds to the increasing demand for these materials, given their extensive use in the construction of wind farms, nuclear power plants, transmission lines, electric vehicles, and other clean energy infrastructure.

These industrial sectors as well as long-distance transport modes are areas where emissions are particularly “hard to abate”. It is imperative to decarbonize these industries to stay in line with the targets of the Paris Agreement. However, the difficulties largely stem from the fact that the technologies that will be relied upon to deliver deep emission reductions are at comparatively early stages of development. This underscores the need for accelerating clean technology innovation in critical areas.

With G20 countries comprising major industrialized countries, and with most residual industrial emissions in 2050 coming from heavy industries in emerging market and developing economies, the G20 is well placed to drive this agenda forward

However, steel and cement plants have a typical lifetime of around 40 years and investment cycles in these industries are typically 25 years. Consequently, the next investment cycle could lock in the emissions profiles of industrial assets up to 2050. Aligning investment and innovation cycles in heavy industries could help to significantly reduce the residual emissions burden from existing assets in these sectors.





Objective of the side event:

The objective of the side event is to understand the most challenging aspects of industry transition and the role of G20 countries in addressing the same. It will examine various issues such as policy alignment and formulation, technology collaboration, finance mobilization, capacity and skills development, and related aspects as far as industrial decarbonization. This event will facilitate knowledge sharing with respect to successful initiatives and will contribute towards strengthening cooperation between G20 nations with a special focus on the industrial sector, as they move towards a net zero future.



Agenda

Energy Transition Working Group III– Side Event

Seminar on Sharing global policies and best practices to decarbonize “Hard to Abate” sectors

Date: 16th May 2023

Time: 14:00 Hrs-16:30 Hrs.

Duration: 150 minutes

Event Language:
English

Language:

14:00Hrs -14:05Hrs	Welcome remarks
	Mr. Abhay Bakre, Director General, Bureau of Energy Efficiency (BEE), Ministry of Power, Government of India
14:05Hrs -14:25Hrs	Special Addresses
	<ul style="list-style-type: none"> • Mr. Tareq Emtairah, Director, Department of Energy, UNIDO • Dr. Ajay Mathur, Director General, International Solar Alliance • Mr. Nagendra Nath Sinha, Secretary, Ministry of Steel, Government of India
14:25Hrs -14:35Hrs	Keynote Address
	Mr. Alok Kumar, Secretary, Ministry of Power, Government of India
14:35Hrs – 14:50Hrs	Tea Break
14:50Hrs - 15:40Hrs	International Initiatives
	<p>Moderator- Dr. Ashok Kumar, DDG, BEE</p> <p>Theme Presentation: Mr. Peter Hemingway, Policy Advisor, UNIDO</p> <p>Discussants:</p> <ul style="list-style-type: none"> • Mr. Rahma Alshamsi, Lead, Hard-to-Abate Sectors, Energy Transition Team, COP28 United Arab Emirates • Mr. Per Andersson, Head of Secretariat, Leadership Group for Industry Transition (LeadIT) • Mr. Paolo Frankl, Head of Renewable Energy Division, IEA • Mr. Harsh Vijay Singh, Project Lead, System Initiative on Shaping the Future of Energy, World Economic Forum (WEF) Geneva • Mr. Jagabanta Ningthoujam, Principal, Rocky Mountain Institute (RMI) India foundation • Mr. Sarbojit Pal, Manager of Partnerships, Clean Energy Ministerial Secretariat



15:40Hrs-16:20Hrs	Panel Discussion: Technology and Policy Priorities for decarbonizing Hard to Abate Sectors and Opportunities for international cooperation
	<p>Moderator: Mr. Arijit Sengupta, Director, BEE</p> <p>Theme Presentation: Mr. Girish Sethi, Senior Director- Energy, The Energy and Resources Institute (TERI)</p> <p>Discussants:</p> <ul style="list-style-type: none"> • Ms Neha Verma, Director, Ministry of Steel • Mr. Prabodha Acharya, Chief Sustainability Officer, JSW Steel • Mr. Michael Buchl, Deputy Head of Division, Industrial Decarbonisation Market Framework, Federal Ministry for Economic Affairs and Climate Action, Government of Germany • Dr. S.K. Chaturvedi, Acting Director General, NCCBM • Dr. Andrew Minson, Concrete and Sustainable Construction Director, GCCA • Mr. E. R. Raj Narayanan, Chief Manufacturing Officer, Ultratech Cement Limited
16:20Hrs-16:30Hrs	Summary & Closing Remarks
	<ul style="list-style-type: none"> • Mr. Tareq Emtairah, Director, Department of Energy, UNIDO • Mr. Abhay Bakre, Director General, BEE, Ministry of Power, Government of India

Registration Link:

For any further queries or questions please reach out to us at secretariat.etwg@g20.in with cc to asengupta@beeindia.gov.in or to r.ghoneim@unido.org and ic.mop@nic.in. Your participation in this event is very much appreciated.

