



**UN Climate Change COP 28
Dubai, United Arab Emirates**

**Implementation Lab
Concept Note
“Green Market Instruments for Industry Decarbonisation
– Spotlight on Steel in Emerging Economies”**

Marrakech Partnership for Global Climate Action

December 5th, 2023

60 minutes

Al Jeer Room

Organized by Climate Catalyst, The Energy and Resources Institute (TERI), and Mission Possible Partnership (MPP)

Please submit to GlobalClimateAction@unfccc.int no later than Friday 17th November

Concept Note

<p>Description</p>	<p>The proposed roundtable discussion will examine cross-sectoral instruments to enable markets for green industrial products, encompassing policy, industry, and finance levers, focusing on steel in emerging economies (particularly in Asia and the Middle East) as a case study. Our distinguished panel of expert speakers will delve into key instruments, opportunities, and challenges in applying them to support the transformation of heavy industries in these geographies towards sustainability, and the implications of that case for other emerging economies. Themes to be discussed include the role of technology transfer, financing for technology investments, demand-side instruments, and the importance of global supply chains for clean energy and green hydrogen.</p>
<p>Headline</p>	<p>Green Market Instruments for Industry Decarbonisation – Spotlight on Steel in Emerging Economies</p>
<p>2030 Breakthrough / SAA outcomes</p>	<p>This event will contribute to the following 2030 Breakthroughs:</p> <ul style="list-style-type: none"> ● Energy - Clean Power and Green Hydrogen ● Industry – Aluminium, CCS/U Networks Serving Heavy Industry, Cement/Concrete, Chemicals, Metals & Mining, Plastics, Steel
<p>Guiding Question</p>	<ol style="list-style-type: none"> 1. What are the appropriate demand-side and supply-side instruments to catalyse transition in steel and other heavy industries in emerging economies? 2. What is the role of financial institutions, the private sector, and the government in implementing these instruments? 3. What lessons can we draw for other industries and countries (particularly other transition economies)?
<p>Targeted Outcomes</p>	<p>The overarching targeted outcome of the event is to accelerate the decarbonisation of industry. The emerging findings of the Global Stocktake indicate that insufficient progress is being made in reducing emissions from industry, among many other areas. Given the close connection between industry and economic development, a focus on emerging economies is indispensable for accelerating progress on industry decarbonisation.</p> <p>All three organisations behind this event actively work towards this outcome. Climate Catalyst endeavours to support leaders to act at speed and scale by galvanising the collective power of businesses, investors, and civil society to influence and accelerate policy change while ensuring a just transition to a low-emissions steel industry in emerging economies in Asia. TERI focuses on helping decarbonise heavy industries like steel and cement through technological and policy options, including adoption of new and innovative technologies like green hydrogen and electrification. MPP works towards making investment in low-carbon industry viable in regions around the world.</p> <p>With the above in mind, the event seeks to contribute to the Global Stocktake by highlighting where support and progress are most urgently needed on industry decarbonisation and how it can be achieved. The event will contribute by pursuing the following outcomes:</p> <ul style="list-style-type: none"> ● Putting a spotlight on the importance of emerging economies to the low-carbon industry transition. Taking steel as an example, production is expected to grow at a brisk rate in transition economies such as India and Brazil. In the absence of viable



	<p>green alternatives, the lion’s share of steel production capacity in these geographies will be locked-into emissions-intensive blast furnaces. Establishing impactful solutions will be key to reducing global emissions from steel and other heavy industries.</p> <ul style="list-style-type: none"> ● Displaying the scope of instruments that can encourage investment in breakthrough decarbonisation technologies in industry and, crucially, facilitate flows of capital from developed countries towards emerging ones for this purpose. ● Including frontline communities, such as workers and youth, in the industry decarbonisation dialogue, to bring forth their perspectives on what a just transition in this area means to them.
<p>Objectives</p>	<p>To achieve its targeted outcomes, the main objective of this event is to facilitate knowledge and experience sharing around decarbonising heavy industry among key stakeholders, including policymakers, businesses, civil society organisations, and donors, using steel in emerging economies as a case study. This knowledge-sharing will revolve around instruments and levers such as:</p> <ul style="list-style-type: none"> ● Low-emissions product standards and certification schemes, to establish differentiation between green industrial goods and their emissions-intensive counterparts ● Green public procurement, leveraging the buying power of government to create markets at scale for green products ● Funding for infrastructure, such as transport, energy, and storage systems to enable a smooth flow of green goods (both the inputs to and outputs of green industrial activity) ● Mechanisms to bridge the ‘green premium’ between low-emissions industrial goods and their emissions-intensive counterparts, such as contracts for difference (CfDs) <p>Geographical scope: The panel discussion will bring representatives from global organisations as well as from steel ecosystems in emerging economies to combine international perspectives alongside deep local expertise.</p>
<p>Session Outcomes</p>	<p>Same as above.</p>
<p>Participants</p>	<p>The esteemed panel will comprise key stakeholders with expertise in policy, industry, and technology, fostering a comprehensive and diverse discussion. Some of the proposed presenters and roundtable invitees include representatives from industry (Tata Steel, ArcelorMittal, JSW Steel), think tanks and NGOs (TERI, the Energy Transitions Commission (ETC), MPP, First Movers Coalition, ResponsibleSteel), philanthropies (Bezos Earth Fund), civil society (Climate Catalyst), finance, and academia (the Net Zero Steel Project at Columbia University). Climate Catalyst and Mission Possible Partnership will moderate the session.</p> <p>The target audience for this event are as follows:</p> <ul style="list-style-type: none"> ● Government officials and policymakers ● Industry ● Civil society organisations ● Investors ● Philanthropic funders
<p>Key Action points out of the discussion</p>	<ul style="list-style-type: none"> ● For government officials: This event proposes short-term policy actions that are urgently needed to facilitate a low-carbon transition in heavy industries in these economies and that can also be applied to other industries and countries.



	<ul style="list-style-type: none"> • For businesses & investors: The discussion highlights the early mover advantage that businesses and investors can gain by investing in breakthrough green technologies and will provide an impetus for them to do so. • For civil society and research organisation: By focusing on the latest barriers and solutions to industrial decarbonisation, this event will provide new opportunities for research and advocacy for NGOs working on this topic and offer inspiration regarding other industries and countries.
Logistics	<p>Preference for Action Room 2: 96 total pax</p> <ul style="list-style-type: none"> • 32 seats at the inner circle table with microphones. Suggest 20-30 targeted attendees with reserved seating. • 64 seats in the outer circle (overflow)

Considerations for planning your event:

- **Diversity & Inclusion**
 - *Curating diverse and inclusive events is paramount for the High Level Champions at COP 28. Please ensure balance in gender, geography, and spectrum of stakeholders across all levels of government and sectors.*
 - *Please see the diversity and inclusion guidelines [here](#).*
 - *For COP 28 we will be introducing a measurement framework for diversity and inclusion, which event organisers will need to track against. We encourage you to track your speaker information in the [Speaker Tracker Template](#)*
- **Speakers**
 - *The incoming COP 28 Presidency and the High-Level Champions will be recommending a few speakers/participants for the thematic action events based on their outreach and mobilization efforts for the COP.*
 - *We recommend **no more than 3 speakers** in a panel*
10 of badges will be available
- **Content**
 - *A requirement for all GCA events is for events to have balance content, showcasing **50% mitigation** content and **50% adaptation and resilience** content*
- **Outcomes Reporting**
 - *Event organisers will be required to report on content balance and diversity & inclusion in the [Outcomes report](#) post event*

Prospective Agenda

*The table below includes examples of information that should be included as part of the agenda. Please ensure the event is **as interactive as possible** with a mix of different discussion formats, including fire-side chats/case study presentations/one-on-one interviews/dynamic videos. Please limit the number of speakers to a **maximum of 3 per discussion** in this 60 minute session.*

Please refer to design guidance and format tips [here](#).

Timing	Session Description	Speaker suggestions	Notes / Format tips
15:15 - 15:20 (5 mins)	<p>Welcome and Introduction</p> <ul style="list-style-type: none"> <input type="checkbox"/> Scene-setting remarks <input type="checkbox"/> Overview of event agenda 	Alasdair Graham (Mission Possible Partnership) and Sakshi Balani (Climate Catalyst)	<p>Speaker pictures and profiles on screen as they are introduced.</p> <p>Framing question is projected on screen</p>
15:20-15:30 (10 mins)	<p>Instruments to Grow Markets for Green Industrial Goods</p> <ul style="list-style-type: none"> <input type="checkbox"/> The global context for industry decarbonisation and key challenges <input type="checkbox"/> Green market instruments as tools to overcome these challenges <input type="checkbox"/> Examples of green market instruments, both 'market formation' and 'market acceleration tools' 	Paul Bodnar (Bezos Earth Fund)	Short presentation with visual support
15:30-15:45 (15 mins)	<p>Case Study: Steel in Emerging Economies</p> <ul style="list-style-type: none"> <input type="checkbox"/> The emerging economy context for industry decarbonisation, exemplified by steel in India <input type="checkbox"/> Types of green market instruments that would be well-suited to support steel decarbonisation in India, including: <ul style="list-style-type: none"> <input type="checkbox"/> Product standards and certification <input type="checkbox"/> Green public procurement <input type="checkbox"/> Infrastructure funding <input type="checkbox"/> Mechanisms to bridge the green premium (e.g. CfDs) <input type="checkbox"/> The limits of green market instruments and what sorts of additional action is required to enable steel decarbonisation in emerging economies 	Think Tanks: Arupendra Nath Mullick (TERI)	Case study presentation with visual support.
15:45-16:10 (20 mins)	<p>Q&A and Open Discussion</p> <p>Guiding Questions</p> <ul style="list-style-type: none"> <input type="checkbox"/> How can our learnings about steel be applied to growing green markets for other industrial goods? <input type="checkbox"/> What can the case of India teach us about industry decarbonisation in emerging economies more widely? 	<p>Moderators: Alasdair Graham (Mission Possible Partnership) and Sakshi Balani (Climate Catalyst)</p> <p>Speakers: Roundtable invitees (representing industry, government, academia, finance, and civil society to enable a diverse, systems-wide dialogue. See 'Participants' section of</p>	<p>Roundtable invitees will be invited to comment and ask questions to event speakers as well as to one another.</p> <p>Participants can reference multilateral initiatives being discussed at other COP28 events on the</p>



		Concept Note above for details)	same day (e.g. Cement Breakthrough, Steel Standards Principles, Industry Transition Platform, Country Partnerships) Note-taker to capture comments
16:10-16:15 5 mins	Next Steps and Closing Remarks	Paul Bodnar (Bezos Earth Fund)	