

Concept Note
Roundtable on Climate Action and
SDG 9: Build resilient infrastructure, promote inclusive
and sustainable industrialization and foster innovation

UNFCCC COP 24
Katowice, Poland

Marrakech Partnership for Global Climate Action

Tuesday, 11 December 2018
15:00 – 16:30

High-Level Champions

MPGCA SDG 9: Sustainable and innovative infrastructure and industrialization for climate-friendly development

Description

Infrastructure and industrialization decisions made today will have a significant impact on the mutual success of the Paris Agreement and the SDGs. Sustainable, resilient and innovative infrastructure and processes must be rapidly deployed to improve livelihoods and safeguard the climate.

Overall Narrative/Background

Infrastructure and industrialization are the foundations for driving economic development and improving livelihoods, in particular, in developing countries. They also have a tremendous impact on the climate with infrastructure related being a large source of emissions if legacy, carbon-intensive installations, manufacturing processes and systems are deployed.

Infrastructure decisions made today will essentially determine if the Paris Agreement and the SDGs are realized, as these infrastructure and systems could be operational for decades. Innovation and the 4th industrial revolution will be key factors to ensure that countries get the sustainable solutions at the scale and pace that is required, especially with the renewed urgency generated by most the recent IPCC special report - *Global warming of 1.5 C*.

As noted in the report of the Secretary-General of the High-level Political Forum in 2017 on the progress towards to SDG 9, “renewed investment will be needed in the least developed countries to build needed infrastructure and ensure the doubling of industry’s share of GDP in those countries by 2030”. As developing and least-developed countries are enhancing their economies, it is critical that they have are aware of the policies and initiatives and have access to the technological solutions that can enable them to deploy sustainable infrastructure and industrial processes to not only build robust and healthy communities but that are also in line with the long-term aims of the Paris Agreement.

Objective of the event

The objective of the event would be to bring together a diverse set of viewpoints to take stock of progress made on the deployment of sustainable, low- emissions climate resilient infrastructure and resource-efficient industrial processes and look forward by reviewing lessons learned and highlighting the innovations, policies, initiatives and solutions that can be urgently replicated and implemented immediately, in particular, in developing countries.

This roundtable will be guided by questions such as:

- What are the innovative and sustainable, low-emissions climate-resilient infrastructural initiatives and solutions (such as for energy, transport, waste and/or buildings) that have been successfully implemented and replicable in developing countries?
- What are the key innovations and the technology solutions and initiatives for sustainable, low-emissions climate-resilient manufacturing and engineering processes?
- What are the key policy options and levers, systemic decisions and success factors that can enable sustainable infrastructure deployment and implementation innovative, resource-efficient processes?
- What are the challenges and barriers that need to be overcome in developing countries to rapidly implement sustainable, low- emissions climate-resilient infrastructure and processes on the ground?
- What are the key features of the regulatory systems and innovative instruments to enhance transformation, private sector partnerships and flow of private capital?

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