

# Innovative strategies to deliver the deep decarbonisation of industrial processes

A side event in the June 2020 Ministerial Forums of the UN's High-level Dialogue on Energy

22 June 2021, 6.00 - 7.00 EST; 12.00 – 13.00 CEST

## Session Overview

The High-level Dialogue on Energy Technical Working Group on Innovation, Technology and Data has been exploring the critical role of innovation in delivering the SDGs and putting the world on pathway consistent with 1.5-degrees. The Group's report highlights that innovation has played a key role in enabling progress towards the SDG 7 targets and has dramatically driven down the cost of renewable energy over the last decade. However, there is long way still to go across all sectors in the energy system. The large, energy intensive industrial sectors such as iron & steel, cement and chemicals production pose some of the greatest challenges and are where least progress has been made to date. These sectors must be prioritised for further effort to stimulate innovation and create and validate innovation solution.

The pathways we need to follow are becoming clear, but the pace and scale needed remains daunting. To achieve net-zero emissions in these industrial sectors by 2050 will require dramatically ramped-up national action along with unprecedented international cooperation in order to drive down cost, ease deployment and broaden suitability of the technologies we have and plug the remaining gaps in our capability to market.

## Session Objectives

This session brings together representatives from international initiatives that are playing a role in stimulating the creation and uptake of innovative solutions for the accelerated decarbonisation of industrial sectors.

The objectives for this session are:

- to highlight the importance of systemic innovation in the decarbonisation of industry;
- to provide an overview of international action on this topic;
- to highlight the need for urgent actions.

## Agenda

<b>12.00-12.03</b>	<b>Welcome &amp; session overview</b>	<b>Paul Durrant</b> , Head of End-use Sectors and Bioenergy, IRENA
<b>12.03-12.10</b>	<b>International cooperation on innovation</b>	<b>Patrick Child</b> , Deputy Director General, Research and Innovation, European Commission and Chair of the Mission innovation Steering Committee.
<b>12.10-12.20</b>	<b>Pathways to deep industrial decarbonisation and the enabling conditions needed.</b>	<b>Dolf Gielen</b> , Director Innovation & Technology, IRENA
<b>12.20-12.50</b>	<b>Panel Discussion</b> covering: the importance of systemic innovation in the decarbonisation of industry; international activity on this topic; priorities for further action.	<ol style="list-style-type: none"> <li>1. <b>Rana Ghoneim</b>, Chief, Energy systems and Infrastructure Division at UNIDO</li> <li>2. <b>Will Hall</b>, Head of Buildings and Industry for COP26 at Department for Business, Energy and Industrial Strategy, UK</li> <li>3. <b>Elvira Lutter</b>, Programme Manager, Climate and Energy Fund, Austria</li> <li>4. <b>Ali Zerouali</b>, Cooperation and International Development Director at Masen (Moroccan Agency for Sustainable Energy) (tbc)</li> <li>5. <b>Francisco Boshell</b>, Energy Innovation lead, IRENA</li> </ol>
<b>12.50-12.55</b>	<b>Wrap-up &amp; close</b>	<b>Paul Durrant</b> , IRENA
<p>Note: With only limited time available for this session a general Q&amp;A will not be possible but if attendees wish to post questions through the chat function they will be reviewed and we will try to address 1 or 2 if time allows.</p>		