

Statement on Coordinated Acceleration of Industrial Decarbonization Demonstrations and Commercial-scale Projects

Industrial emissions account for 23% of total greenhouse gas emissions globally, making the decarbonization of this sector crucial to meeting 2050 net zero targets. Industrial assets require huge capital investments, have long operational lives and growing demand for their products, especially in developing and emerging markets resulting in a high risk of locking in fossil fuel infrastructure that will jeopardize Paris goals.

However, the continuing demand for industrial products within emerging markets and developing countries represents an opportunity to foster local innovation, drive down costs and enable clean growth pathways to net zero. Collaboration and partnership will play a key role so that knowledge, lessons and best practice expertise can be shared and implemented.

Acknowledging this, on September 20, 2022, a group of leading international initiatives, organizations and climate leaders spanning the value chain on industrial decarbonization came together to coordinate efforts to unlock faster progress in the sector by COP28 and to put it on a trajectory towards achieving net zero by 2050. These initiatives and organizations will work together to facilitate specific actions and low-carbon projects sending strong, positive signals to industry, the private sector, governments, policymakers, investors, and financiers that first-of-their kind and commercial-scale low-carbon projects can be realized.

The focus will be on utilizing each initiative and organization's network to unlock demonstration and early commercial stage projects through targeted matchmaking, knowledge and best-practice sharing, and commercial partnership building. By connecting and sharing information between the group best practices can be highlighted and partnerships enabled that can enhance the speed of low-carbon project development to bring crucial first projects to fruition.

The Breakthrough Agenda Report, released in September 2022, recommended the importance of identifying and hastening globally significant priority demonstration projects for near-zero emission steel technologies. Aligning with this and other recommendations, these initiatives and organizations will collectively act to accelerate the rollout of demonstration and early commercial projects globally and systematically strengthen the international offer of assistance available to all countries, in particular emerging markets and developing countries for industrial decarbonization through coordinating, aggregating, and improving the accessibility and availability of technical assistance over time.

Specifically, by COP28 these initiatives and organizations will aim to achieve the following deliverables:

- Identify the first 10 most promising flagship/early commercial projects in the industrial sector (including steel, cement/concrete, ammonia, chemicals, aluminium, and other energy-intensive industries) and their respective enabling conditions, and develop a first set of shared plans highlighting best practices and project unlocks with the goal of spurring non-linear growth
- Establish a coordination mechanism within the Coalition to ensure assistance to governments, industry players, finance, demand-side actors, policymakers, and other value chain actors in an accessible and responsive manner

- Map the full range of technical and financial assistance tools and resources available for industrial decarbonisation and produce recommendations for enhancements
- Map the efforts of the Participating Initiatives, identifying white spaces and areas for improved coordination and collaboration
- Enable a market for traded near zero emission products/materials by supporting work to accelerate development of standards and definitions and support the rapid growth of demand and procurement commitments for low emission products
- Build the coalition to include other donor governments, international institutes and initiatives, philanthropies, foundations, and Multinational Development Banks to participate in these efforts

Participating Initiatives

