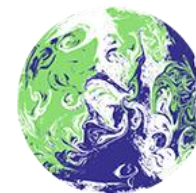


Steel at COP26

What happened and what next?



**UN CLIMATE
CHANGE
CONFERENCE
UK 2021**

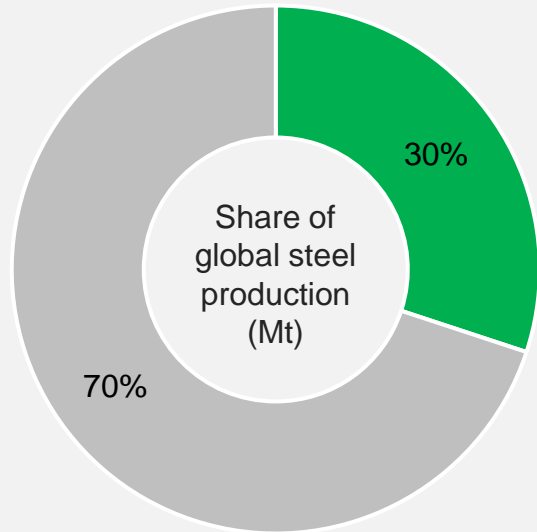
IN PARTNERSHIP WITH ITALY

Contents

- International momentum going into COP26
- Key events / announcements
- Where from here?

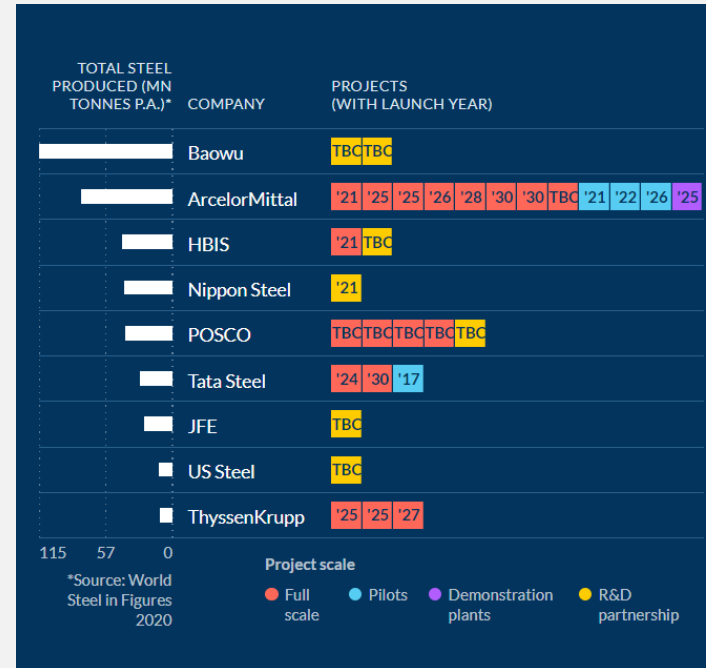
International momentum going into COP26

Approx. 30% of companies signed up to net zero target (2030-2060)



■ Net Zero ■ No target

Approx. 30 demo / pilot / full scale plants committed pre 2030



Commitments to work on low emission steel standards in trade deals



Key events and
announcements

+ next steps for 2022

Breakthrough Agenda

The Breakthrough Agenda's goal is to accelerate clean technology transitions in each sector through strengthened international collaboration, cooperation and coordination.



Launched at COP26 by 45 countries representing more than 70% of global GDP, with all G7 members endorsing the Agenda.



Countries committed to work together this decade to scale and speed up clean technologies, making them affordable and accessible for all, and agreeing on common goals across key sectors including power, road transport, steel and hydrogen.



Progress will be measured, and new recommendations made, in a State of Sectoral Transitions Report led by the IEA, IRENA and the UN High Level Action Champions.



By collaborating in this way, we can make the transition quicker, cheaper and easier for everyone - driving faster innovation, greater economies of scale, bigger incentives to invest, and level playing fields where needed.

Steel Breakthrough

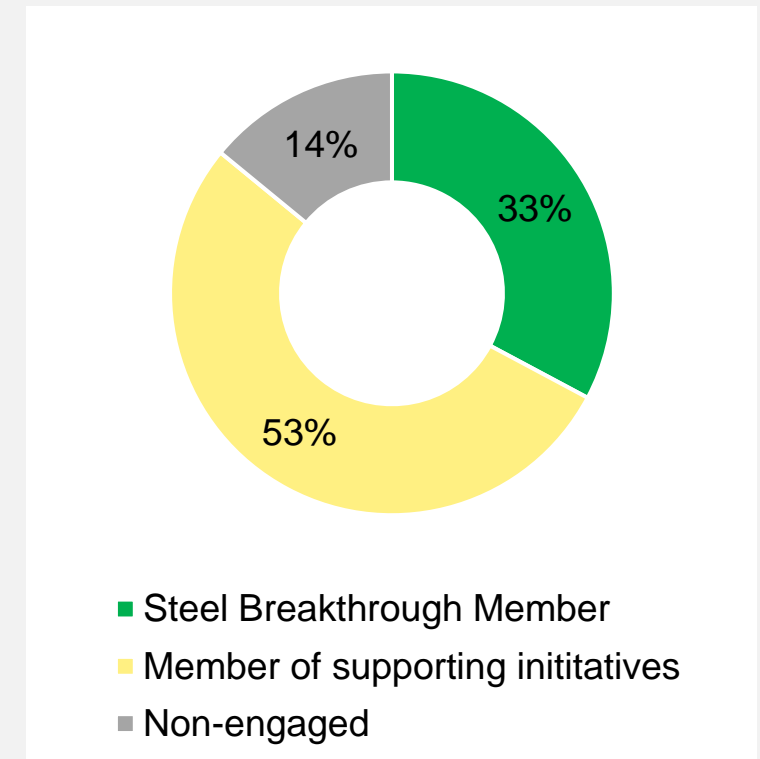
“To make near zero emission steel the preferred choice in global markets, with near zero emission production in every region by 2030”

- Supported by over 20 countries, representing more than 30% of the global steel market.
- Supported by key initiatives, including the Leadership Group for Industry Transition Mission Innovation, Clean Energy Ministerial, Mission Possible Partnership, SteelZero, and the First Movers Coalition.

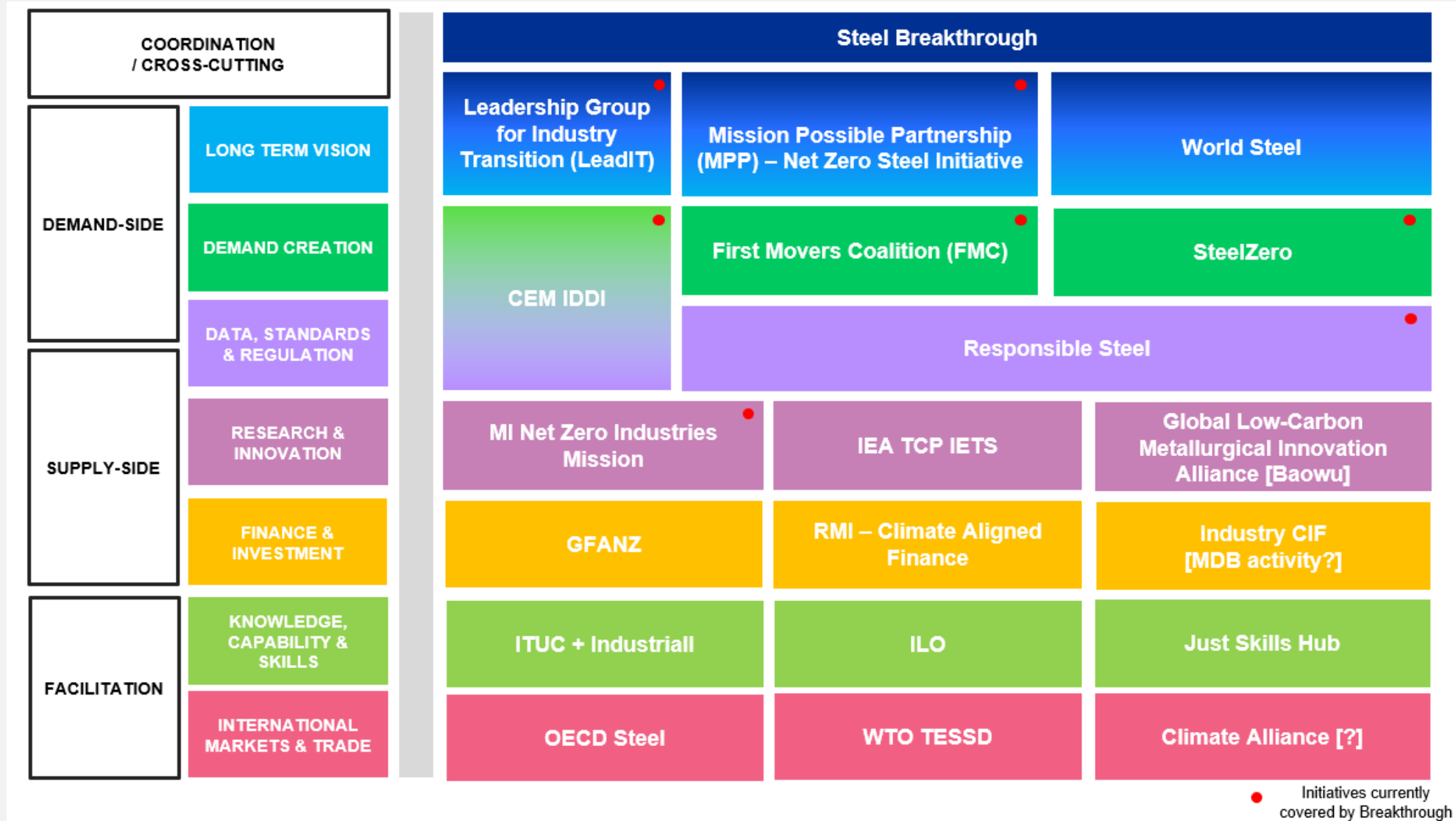
Tasks this year –

- Clarify and communicate the landscape of decarbonisation initiatives
- Provide collective focus on priority areas to accelerate the transition
- Further increase membership / improve outreach

Members include Australia, Azerbaijan, Belgium, Canada, Denmark, Egypt, European Union, Finland, France, Germany, Guinea Bissau, Holy See, India, Ireland, Israel, Japan, Lithuania, Luxembourg, Morocco, Namibia, New Zealand, Norway, Portugal, Republic of Korea, Slovakia, Spain, Sweden, Turkey, United Kingdom, United States of America



Initiatives Landscape



IDDI Carbon Disclosure Pledge



Commitment to –

1. Disclose embodied carbon from major construction projects by 2025
 2. NZ public procurement by 2050
 3. Work towards an interim target on emissions reduction from procurement by 2030 at CEM-13 (Q3 2022)
- Initiative aims to stimulate demand for low carbon industrial materials through coordinated efforts around data, standards and procurement.
 - Alongside the UK and India, members include Germany, Canada and UAE, with coordination from UNIDO.

Kickstart Construction Decarbonisation event

Brought together IDDI, FMC, Clean Construction Forum, PC4, SteelZero and CementZero

First Movers Coalition launch



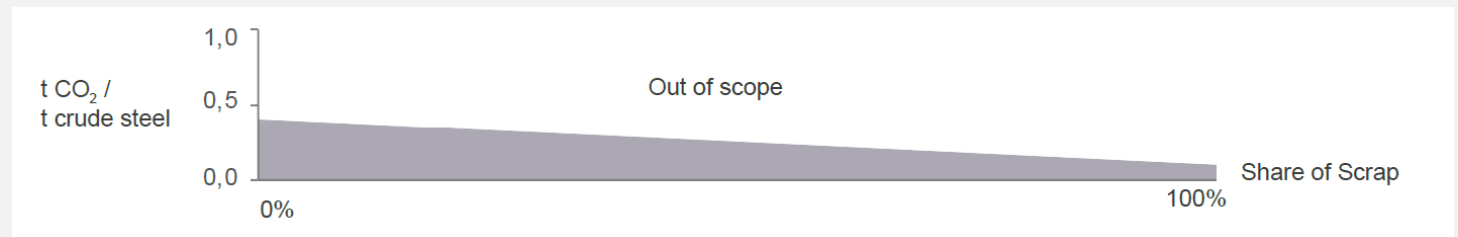
- Launched by US State Dept. with support from World Economic Forum
- Supported by over 30+ companies (across several sectors) and growing rapidly
- Aims to create lead markets for net zero compliant steel – or ‘breakthrough technology’

Steel FMC commitment

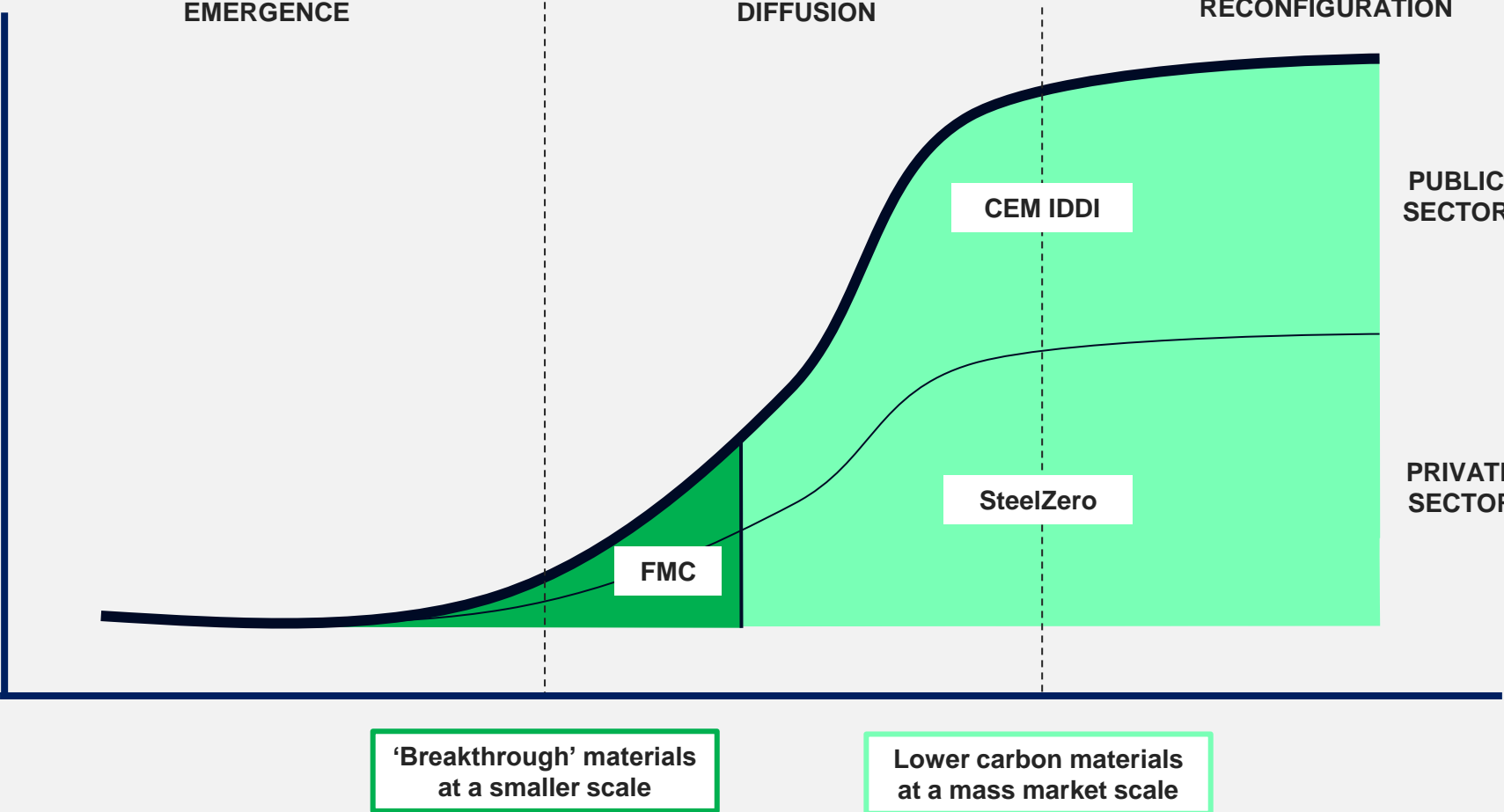
- Members commit to purchasing volumes of near-zero emission steel by 2030. The deployment of breakthrough iron and steelmaking technology is needed to deliver a net-zero steel sector with minimal residual emissions. These technologies include hydrogen direct reduction, carbon capture use and storage, and electrolysis-based production processes.
- Steel purchasers set a target that at least 10% of their annual steel procurement volumes by 2030 meet or exceed the First Movers Coalition definition for near-zero emissions.

Steel FMC standard

- Emitting $<0.4\text{tCO}_2$ (with 0% scrap) to $<0.1\text{tCO}_2$ (with 100% scrap) per tonne of crude steel, covering scopes 1 and 2.



Demand-side activities developing for steel



Thank You

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