STEEL @OECD: EMISSIONS RELATED DATA TO BUILD STEEL DECARBONISATION INDICATORS

GFSEC Stakeholder Event – 21st September 2022

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OECD
BETTER POLICIES FOR BETTER LIVES

Steel @OECD: A Steel Decarbonisation Dashboard

THEMATICS

Emissions

Net-zero targets

Production

Capacity

New Projects

Carbon Pricing

Figure 23. New steelmaking projects and related asset structure – Regional breakdown

Figure 29. Maximum share of global capacity and production covered by a carbon price – Price breakdown

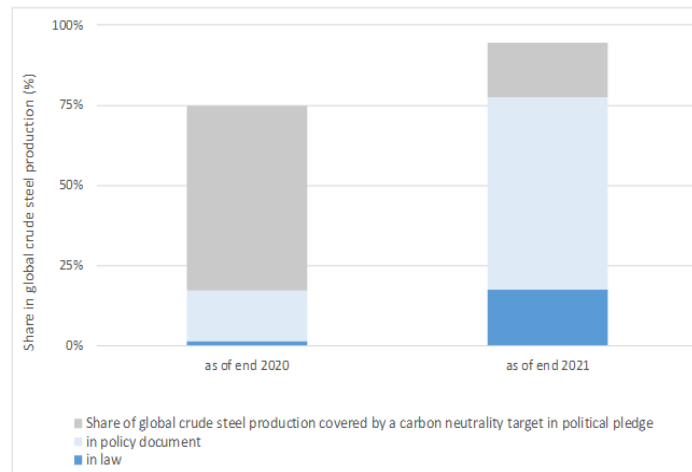**Figure 11.** Share of global crude steel production covered by a net-zero target – Level of ambition

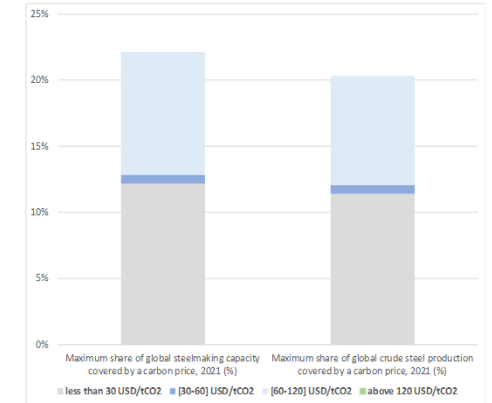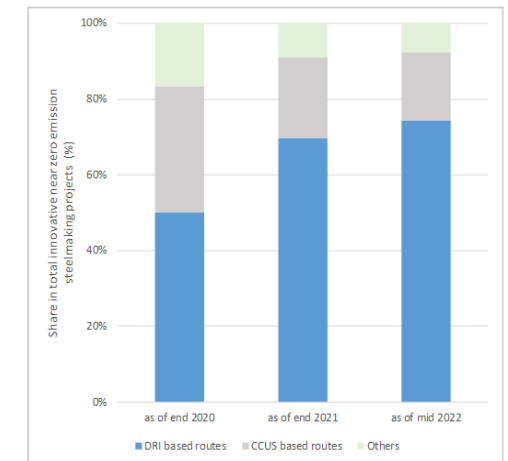**Figure 18.** Production compatible with near zero emission steel

Figure 26. Innovative near zero emission steelmaking projects – Technology breakdown

Key Metrics & Typical Challenges

Emissions / Emission intensity of steel production as crucial inputs

WHY KEY DATA?

Accounting, Reporting, Monitoring
progress towards targets, policy impact

Definition & compliance with
'*near zero* or *low-carbon emission steel
production*'

Criteria / Threshold on carbon content
(standards, taxonomy, trade…)

AVAILABILITY

CHALLENGES

COMPARABILITY
*Methodology,
Scope of emission coverage, …*

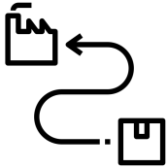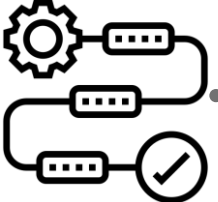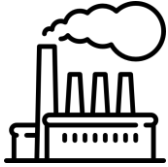**GRANULARITY**
*By production route,
country, firms,
plant level…*

Identifying some Implementation Gaps

COMPARABILITY

COMPARABILITY

AVAILABILITY, GRANULARITY

Data Governance

Traceability, Certification, Reporting System

A Common Methodology

- Accounting emissions
- Emission content criteria, standards

Plant level data

- Is production compliant with emission content criteria / standards?

ANNEX

About Steel @OECD

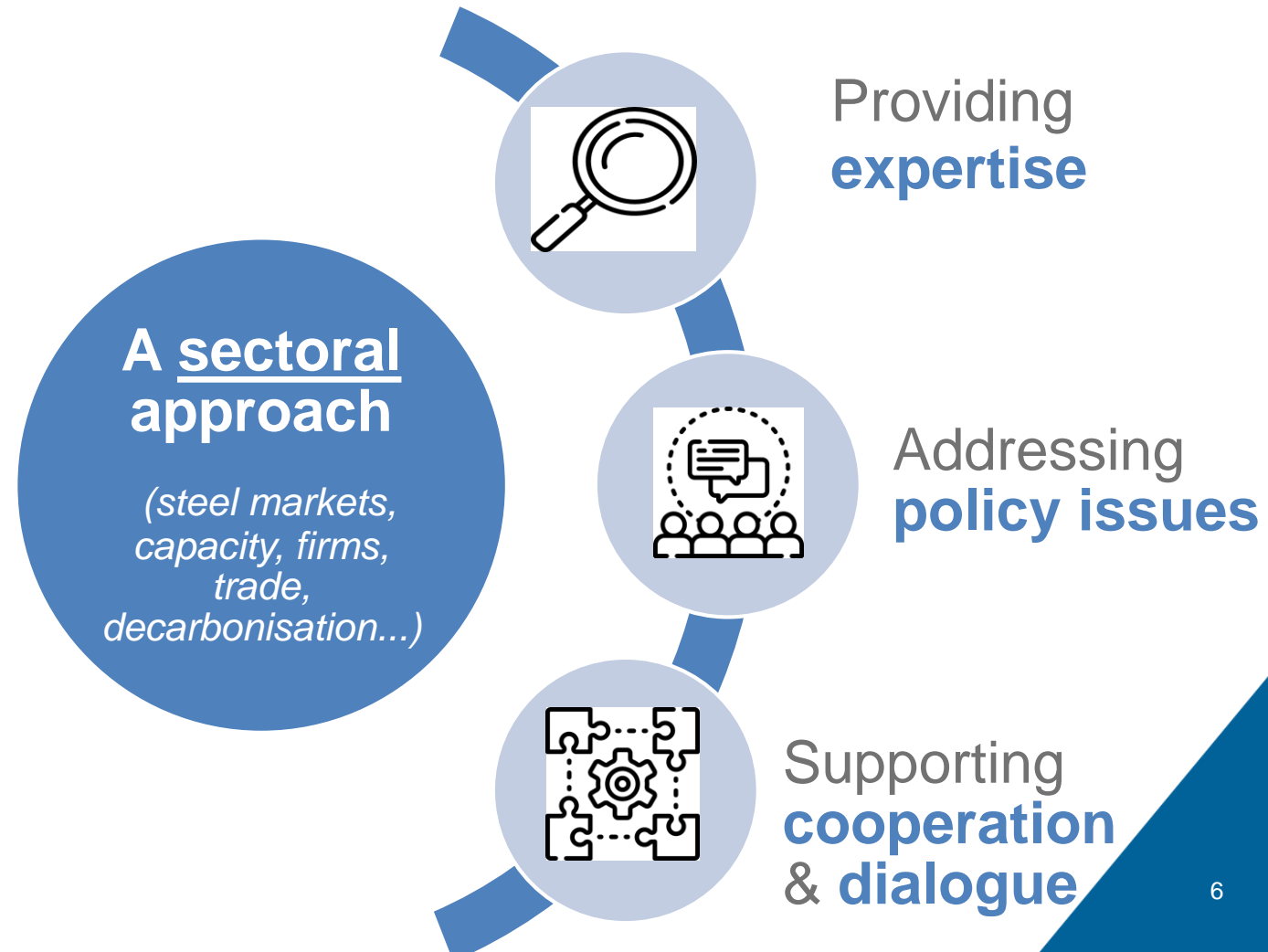## A long-standing structure supporting the steel policy community

OECD STEEL COMMITTEE

- A unique forum to address the steel industry's challenges

- More than 30 Members & Participants (OECD & non OECD), steel associations
- Established in 1978

GFSEC — Global Forum on Steel Excess Capacity

- A multilateral platform to address global excess-capacity

- Established by the G20 in 2016, facilitated by the OECD, more than 30 Members

A sectoral approach

(steel markets, capacity, firms, trade, decarbonisation...)

Providing **expertise**

Addressing **policy issues**

Supporting **cooperation & dialogue**

Decarbonisation related Data Work Streams

OBJECTIVES

Highlight **Key Trends**

Measure **Progress**

Inform Policymakers

Steelmaking capacity

- **Monitoring** of capacity development, including the structure of assets (**BOF vs EAF**)

Low-carbon emissions steel projects

- **Monitoring** of announced projects

Steel decarbonisation indicators

- Building **evidence-based indicators**