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

GFSEC Stakeholder Event – 21st September 2022
Contact: cecile.seguineaud@oecd.org
Steel @OECD: A Steel Decarbonisation Dashboard

THEMATICS

Emissions
Net-zero targets
Production
Capacity
New Projects
Carbon Pricing

Figure 12. New steelmaking projects and related asset structure – Regional breakdown

Figure 13. Share of global crude steel production covered by a net-zero target – Level of ambition

Figure 14. 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

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<tr>
<th>Data Governance</th>
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<tr>
<td>Traceability, Certification, Reporting System</td>
<td><img src="image2.png" alt="Diagram" /></td>
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<td><strong>A Common Methodology</strong></td>
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<td><strong>Plant level data</strong></td>
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- **Data Governance**
  - Availability, Granularity

- **Traceability, Certification, Reporting System**
  - Comparability

- **A Common Methodology**
  - Comparability
  - Accounting emissions
  - Emission content criteria, standards

- **Plant level data**
  - Availability, Granularity
  - Is production compliant with emission content criteria / standards?
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

Global Forum on Steel Excess Capacity (GFSEC)

- 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**