

Joscha Rosenbusch, Interim Secretariat of the Climate Club

Steel Decarbonisation Policy Mapping

Seven first findings

11.06.2024

Worldsteel Open Forum 2024, Brussels

An intergovernmental initiative of 38 members (so far)

Co-Chairs



Chile



Germany



Argentina



Australia



Austria



Belgium



Canada



Colombia



Costa Rica



Denmark



Egypt



European Union



Finland



France



Indonesia



Italy



Ireland



Japan



Kazakhstan



Kenya



Korea



Luxembourg



Mozambique



Morocco



Netherlands



Norway



Peru



Singapore



Spain



Sweden



Switzerland



Thailand



Türkiye



Ukraine



United Kingdom



United States



Uruguay



Vanuatu

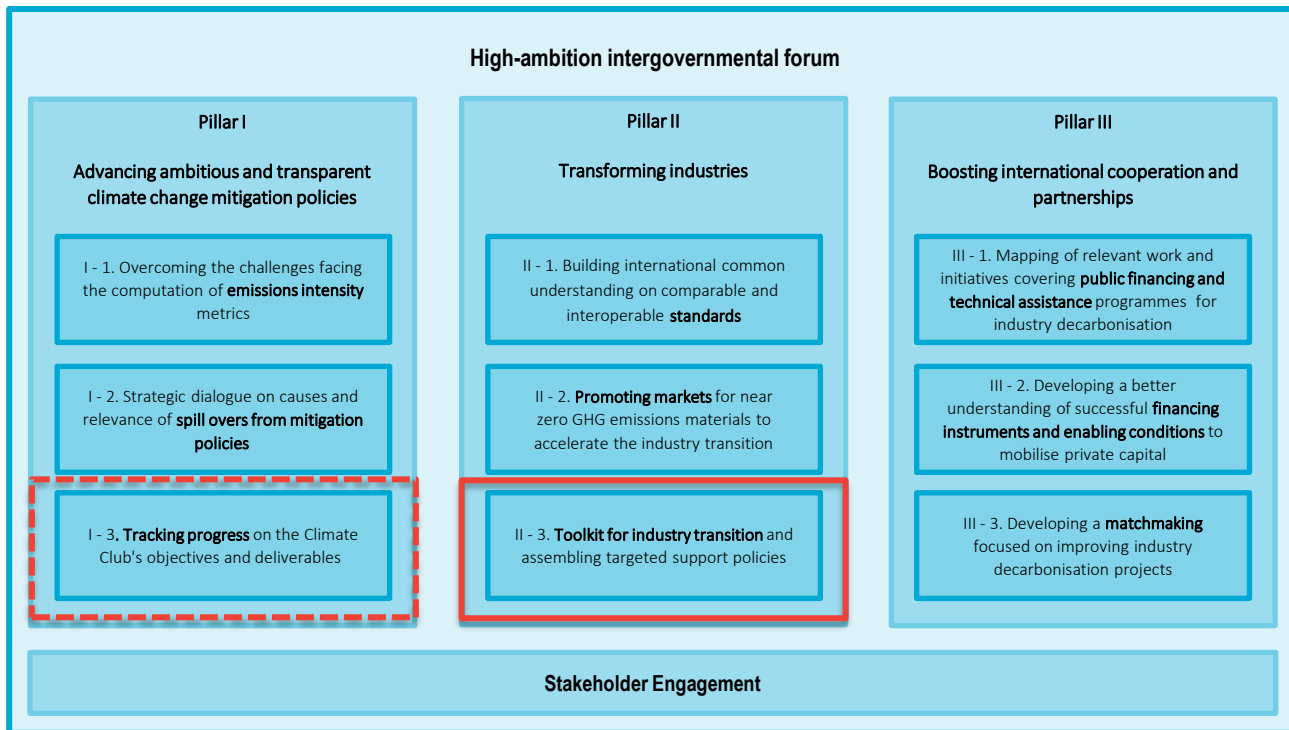
See climate-club.org for the respective focal points

Climate Club in a nutshell



Goal	Accelerating climate action and increasing ambition, particularly in the field of industry decarbonisation
Format	Open, inclusive, high-ambition intergovernmental forum for discussions and enabling framework for increased cooperation, improved coordination and potential collective action across diverse geographies
Initial focus	Steel and cement
Members	Currently 38 members (governments), Germany and Chile are Co-Chairs
Interim Secretariat	Hosted in tandem by the OECD and the IEA
Launch	Leaders level at COP 28 (Statement)
<u>ToR</u>	Adopted by G7 leaders in December 2022.
Website	climate-club.org

Programmatic work: the three pillars and modules



The high-ambition intergovernmental forum is supported by programmatic work in three interlinked pillars and stakeholder engagement

Work Programme 2024

Steel Decarbonisation Policy Mapping

Goal: Gain insights in

- how 15 steel-producing economies are currently supporting the decarbonisation of their steel industry and
- differences therein.

Country selection

- Australia
- Brazil
- Canada
- China
- EU
- France
- Germany
- India
- Indonesia
- Italy
- Japan
- Korea
- Türkiye
- United Kingdom
- United States

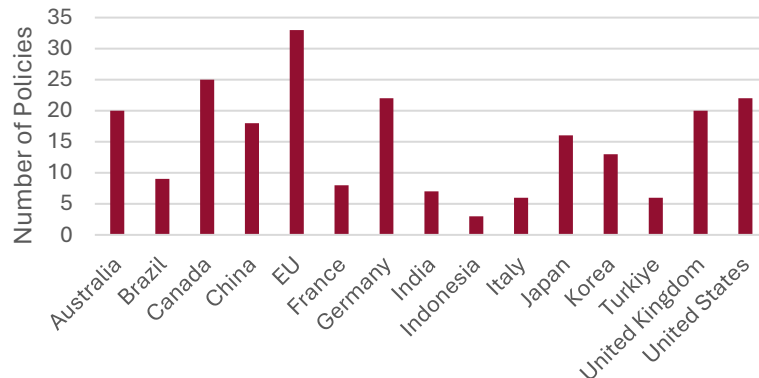
Steel Decarbonisation Policy Mapping

7 (draft) findings

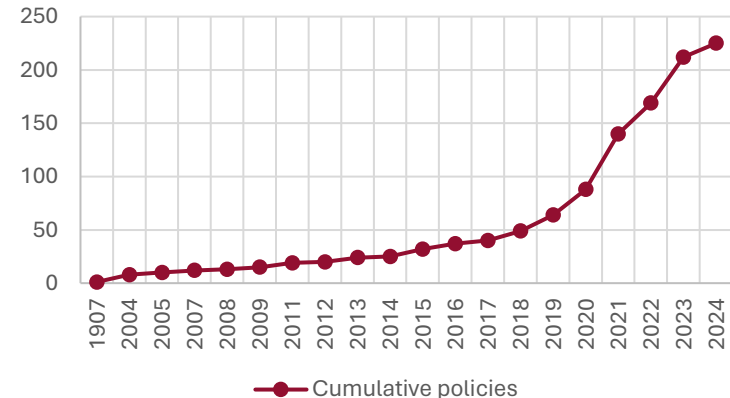
1 All 15 countries have implemented decarbonisation policies relevant to steel, but variation is significant.

2 There is notable increase in steel decarbonisation policies in recent years.

Policy mapping dataset country distribution



Cumulative number of policies in force over time

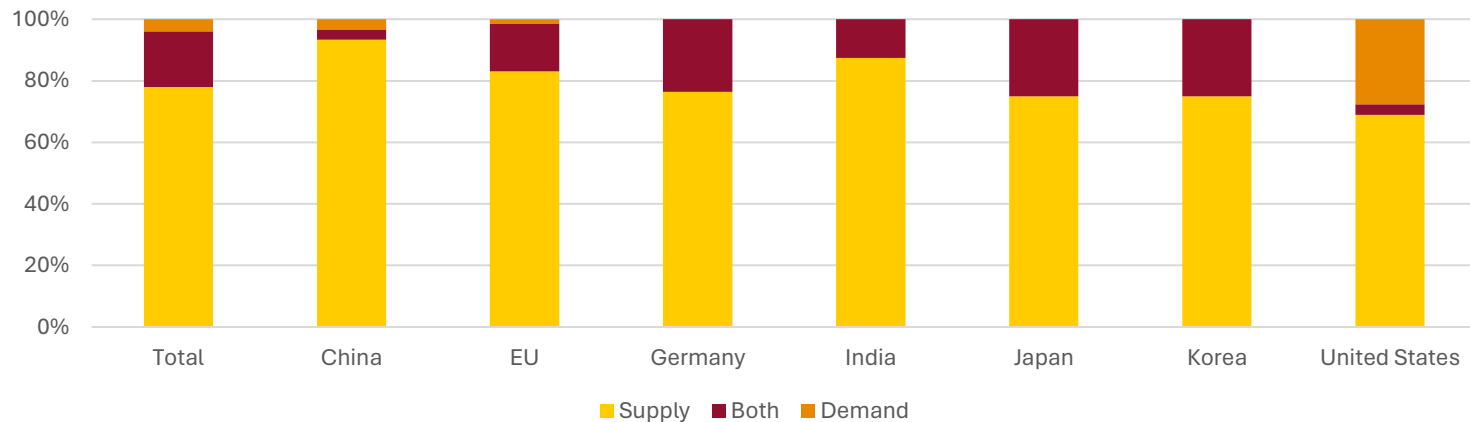


Steel Decarbonisation Policy Mapping

Draft findings

3 Policies primarily target the supply side. Demand-side policies have not yet taken form on a large scale.

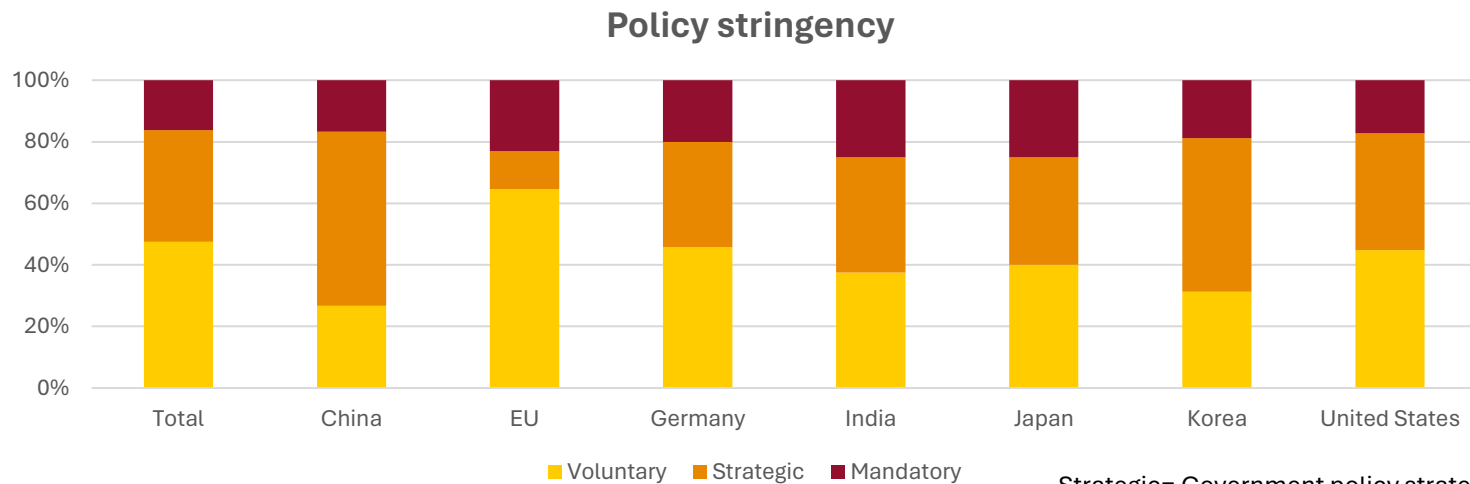
Supply vs demand side, share of policies



Steel Decarbonisation Policy Mapping

Draft findings

4 Most policies are non-mandatory, with a focus on carrots not sticks.

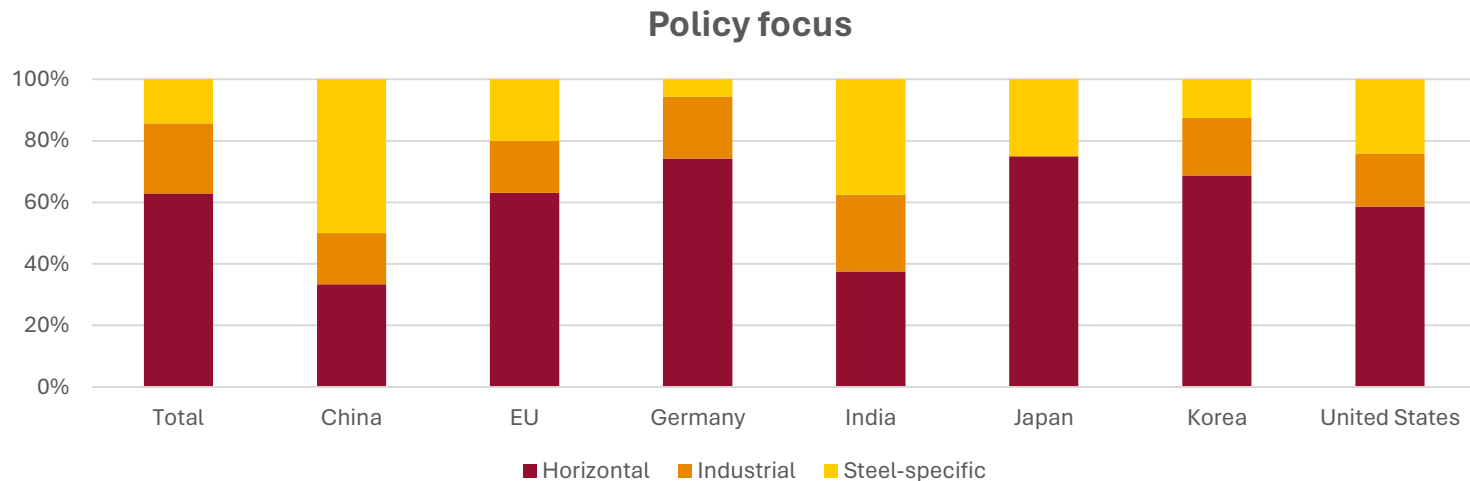


Strategic= Government policy strategies that aim to guide the future implementation of policies.

Steel Decarbonisation Policy Mapping

Draft findings

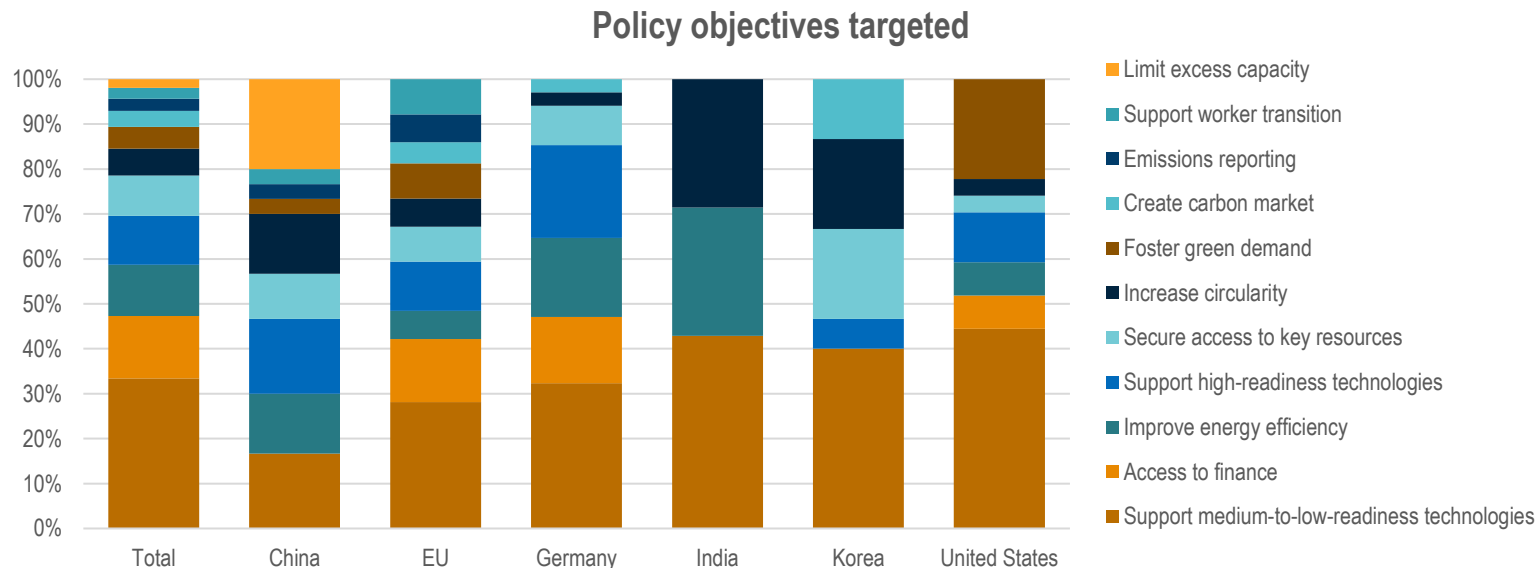
5 Policies relevant to steel decarbonisation usually do not specifically target the steel sector, but high-emitting sectors more broadly.



Steel Decarbonisation Policy Mapping

Draft findings

6 The main policy objectives pursued vary by country. Significant emphasis on technology development of low levels of readiness (CCUS, H2 DRI) and access to finance.

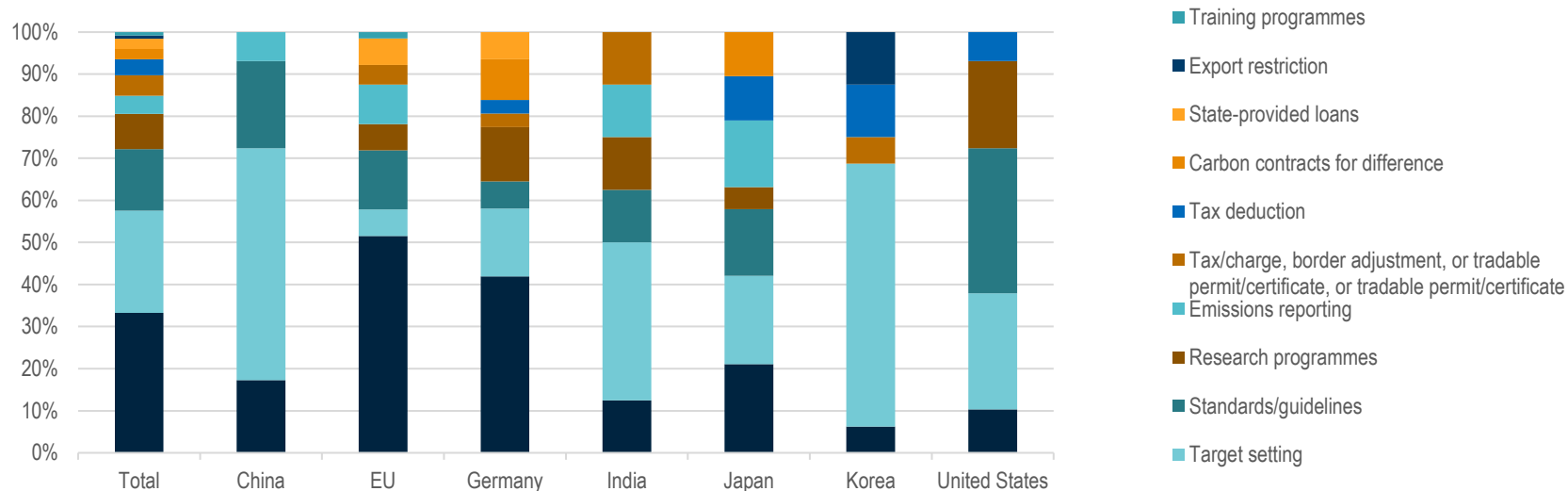


Steel Decarbonisation Policy Mapping

Draft findings

7 A wide variety of instruments are used. Significant emphasis is put on setting of non-binding targets and the provision of public funding towards low-carbon innovation and plant transitions.

Instruments share of policies



Climate Club Industry roundtable (virtual)

Emissions intensity, definitions and standards for near zero steel and cement.



Date	26 June 2024 Two slots with identical content 9.00 – 10.30 and 15.00 – 16.30 CEST
Participation	<ul style="list-style-type: none">• Technical experts on carbon intensity metrics, definitions, and standards for near zero steel and cement from national industry associations covering the steel and cement industries from Climate Club member countries• Regional and international associations are also invited to participate.
Objective	<ul style="list-style-type: none">• Collect industry stakeholder views on challenges and possible solutions related to the collection, processing, and sharing of data relates to emission intensity for steel and cement products, and respective methodologies.• Share progress to date and emerging common ground on definitions for low- and near zero emission steel and cement. Understand industry stakeholder views on definitions
Registration	<ul style="list-style-type: none">• Registration is required before 24 June 2024, please reach out to secretariat@climate-club.org

Question for the panel discussion.

Climate Club presentation

- Are the draft findings in line with your assessment of the policy landscape in your country / jurisdiction?
- How do you expect the policy landscape to further evolve over the next years?

OECD steel presentation

- What else companies should do?
- What else governments should do?

Thank you for your attention!

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<https://climate-club.org/>