



ITEM 6: LATEST DEVELOPMENTS IN STEELMAKING CAPACITY

91th session of the Steel Committee

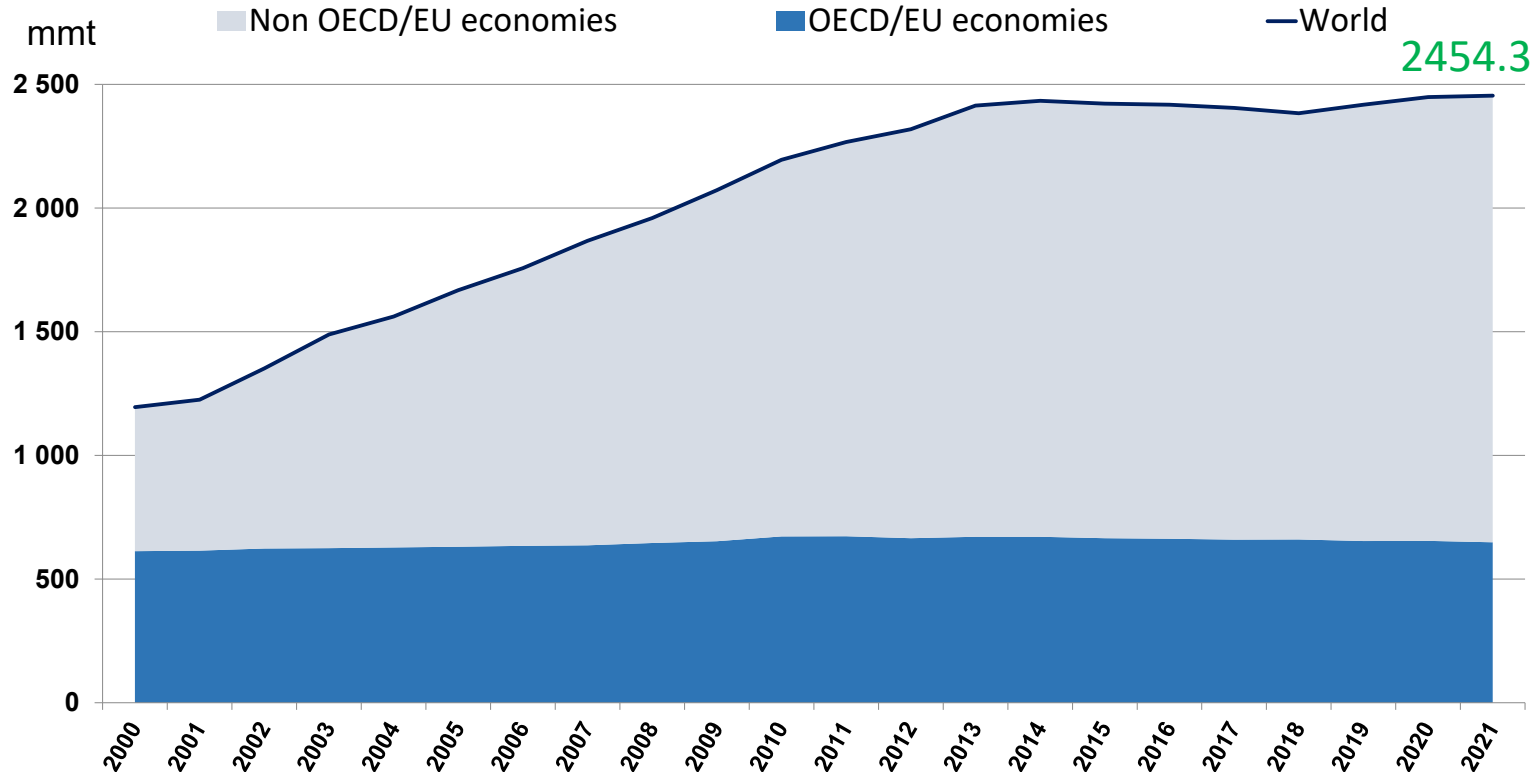
Virtual Meeting, 30 March 2022

Contact:
Tomohiro Hijikata



1. Global summary of steelmaking capacity developments

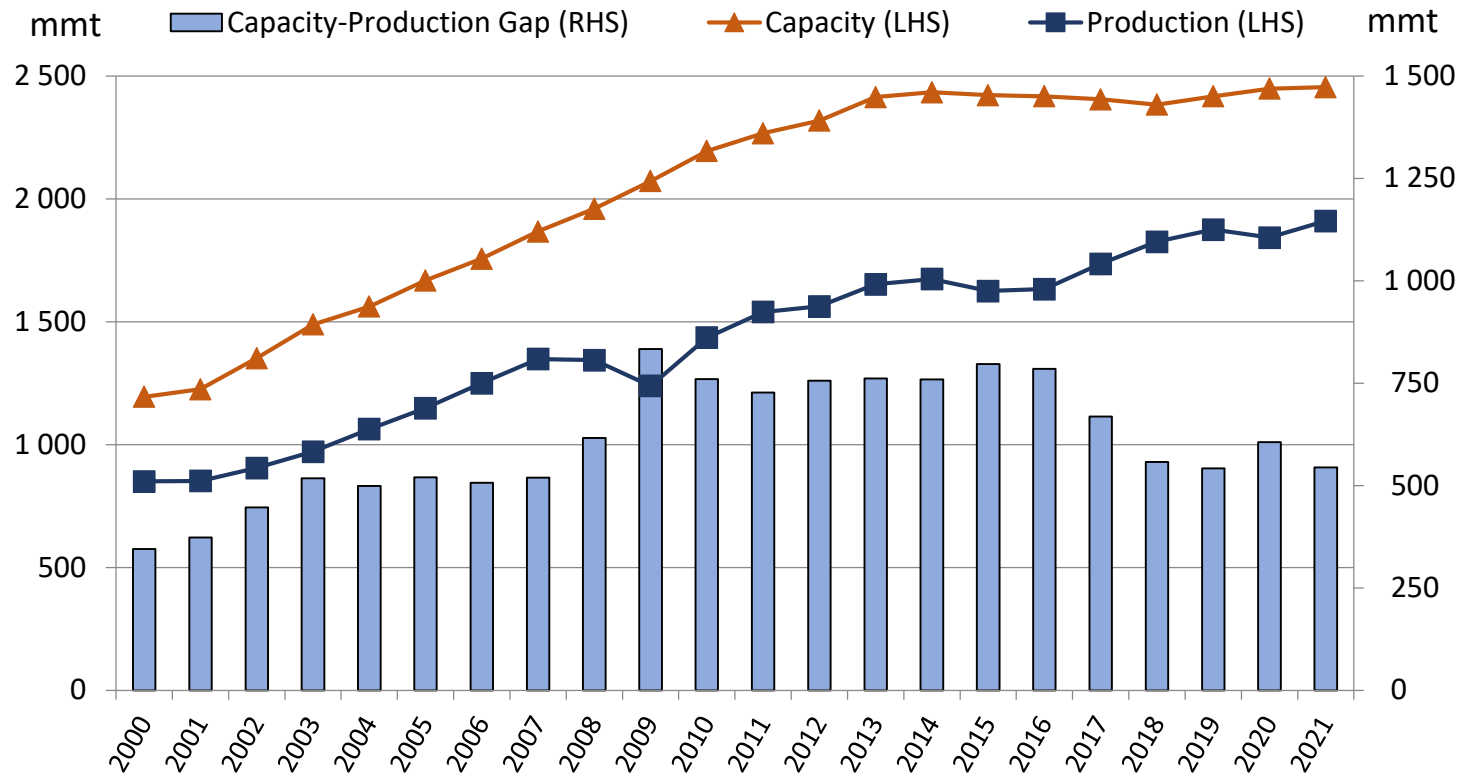
Global steelmaking capacity increased to 2 454.3 mmt in 2021 (0.2% growth from 2020).





2. Global summary of steelmaking capacity- production gap

In 2021, the gap between global steelmaking capacity and production decreased.



Notes: Capacity data reflect information up to December 2021. Annual production data for 2020 and 2021 are based on the World Steel Association (released on 25 January 2022). Annual production data from 2000 to 2019 are from “Steel Statistical Yearbook 2020”, published by the World Steel Association.

Source: OECD for capacity and World Steel Association for production



3.Capacity developments by region

In 2021, steelmaking capacity mainly increased in **the Middle East**, where capacity increased by **4.9 mmt (+5.8%)**.

	Nominal capacity(mmt)	Nominal capacity(mmt)	% change	Potential gross capacity additions in 2022-24(mmt)	
	2020	2021	2021-2020	Underway	Planned
Africa	44.7	43.5	-2.7%	4.1	0.0
Asia	1646.5	1646.6	0.0%	56.9	41.1
CIS	142.6	143.9	0.9%	0.8	6.6
EU	213.4	213.4	0.0%	0.2	6.6
Other Europe	76.4	76.4	0.0%	2.0	3.8
Latin America	77.7	78.2	0.7%	1.2	5.6
Middle East	84.1	89.0	5.8%	15.4	2.7
North America	156.6	156.8	0.2%	7.9	7.0
Oceania	6.4	6.4	0.0%	0.0	0.0
World Total	2 448.3	2 454.3	0.2%	88.5	73.3

Notes: Capacity data reflects all information on changes up to December 2021.

Source: OECD



4. Cross-border and joint-venture investments

Asia is still the largest investment destination for cross-border and joint-venture investments.

Region where the investment is taking place	Domestic Investments	Cross-Border Investments	Joint-Venture Investments	Total by Regions
Africa	8	4	1	13
Asia	132	12	14	158
CIS	16	0	0	16
Europe	14	0	0	14
Latin America	9	0	0	9
Middle East	99	0	0	99
North America	10	4	0	14
Oceania	1	0	0	1
World Total	289	20	15	324

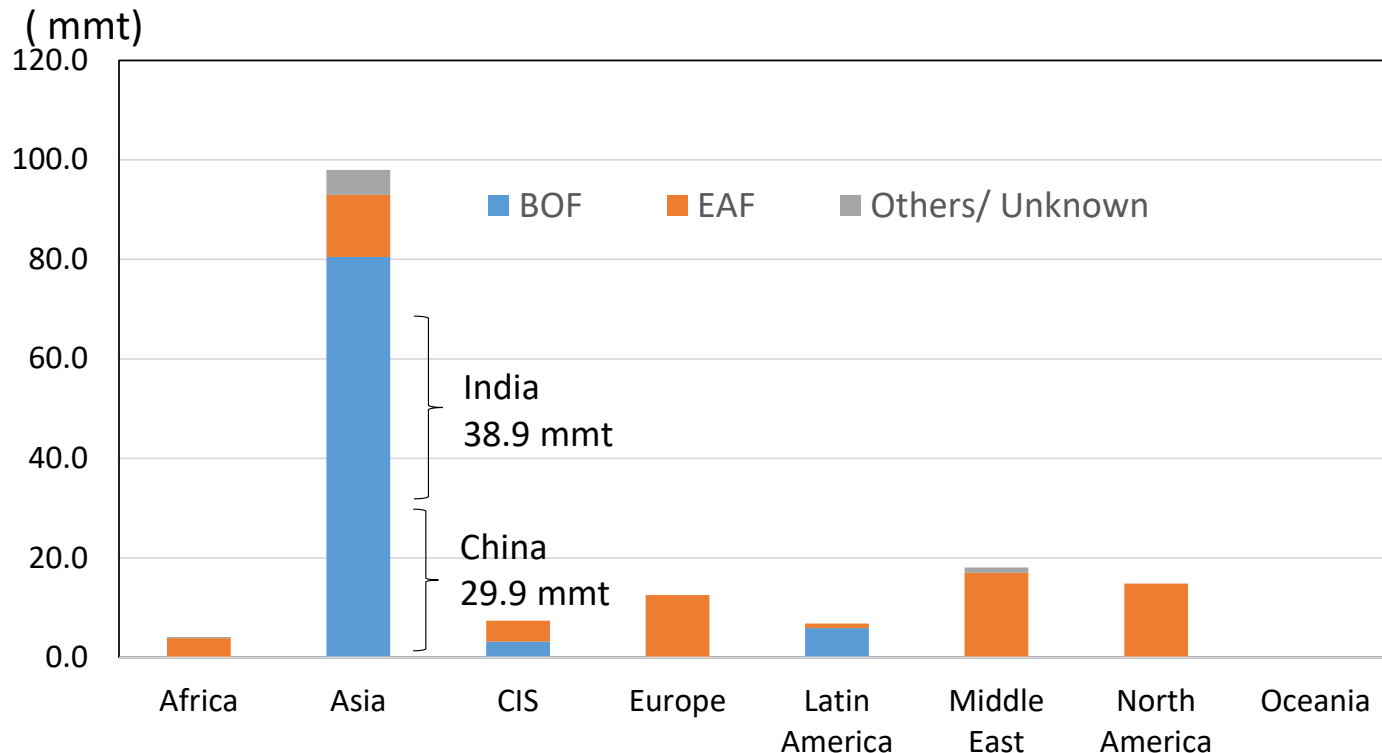
Notes: This figure includes all new investment projects that are, underway or planned, and which are scheduled to become operational in 2021 or later — including projects that have started operation in 2021, as well as projects for which the start date is not available. It does not include cancelled projects. A cross-border investment represents an investment that is based wholly on one or several foreign investors/owners. A joint venture, on the other hand, involves both foreign investors/owners and domestic counterparts. Please see Annex A of [DSTI/SC(2022)3] for details on the plant-level investments and their respective investors/owners.

Source: OECD



5. Potential gross capacity additions by region and equipment types

- **Asia** will **continue to increase** its steelmaking capacity compared with other regions over the next three years.
- **Over 80% projects** are expected to operate as **BOF** in Asia.



Note: The capacity data contains both for underway and planned projects, and does not take into account closures that may occur during the period.

Source: OECD