



RawMaterials
Connecting matters

Decarbonization of Iron and Steel

Bernd Schäfer

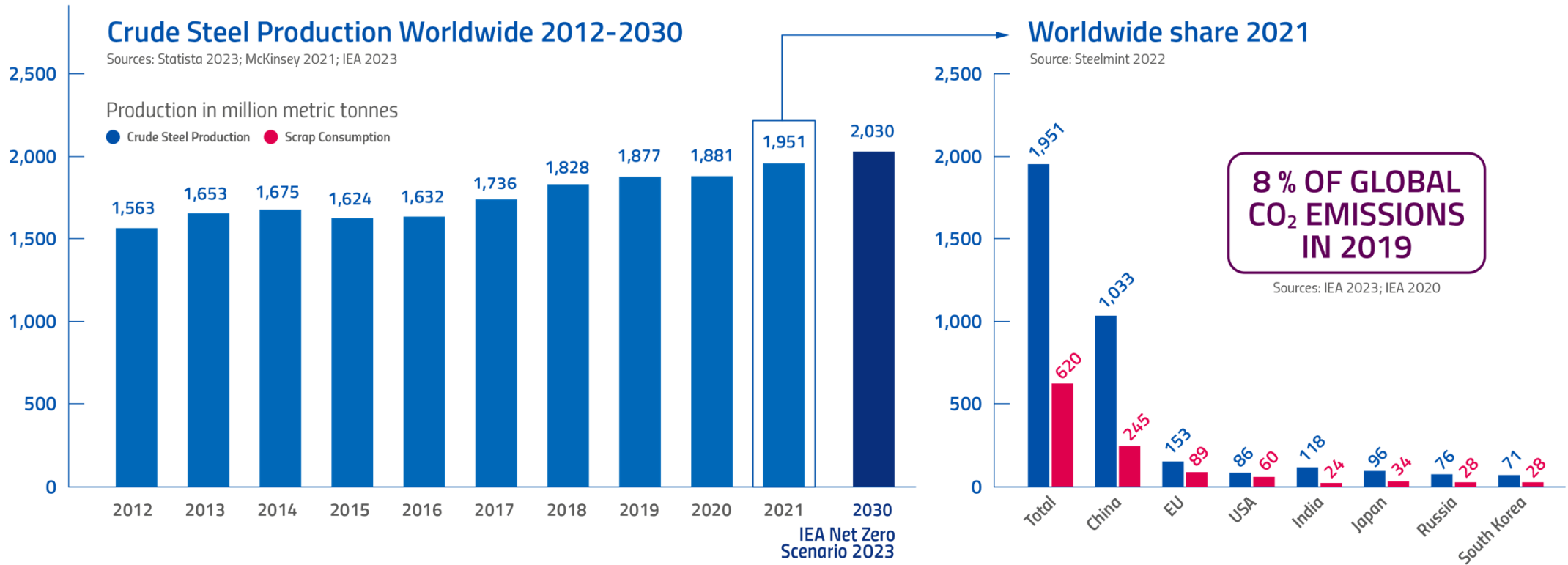
CEO, Managing Director, EIT RawMaterials



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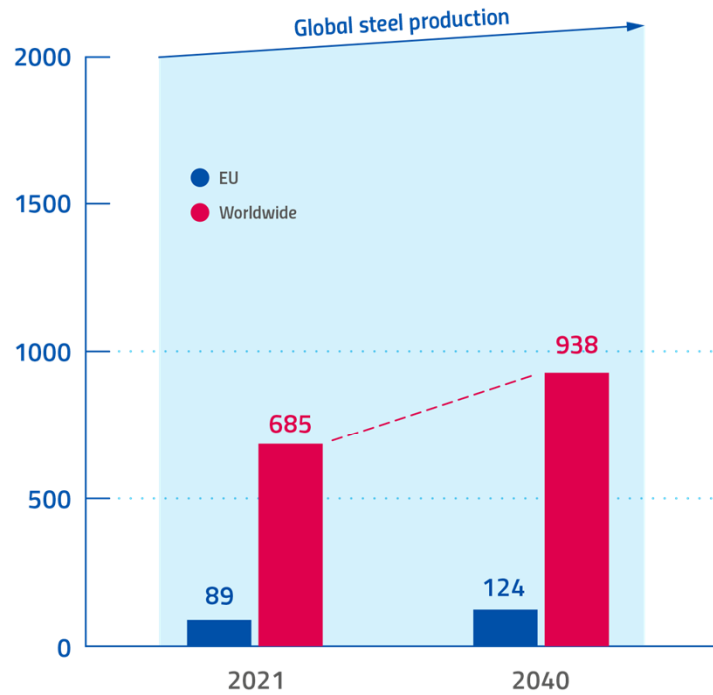


OVERVIEW: WORLD PRODUCTION OF STEEL

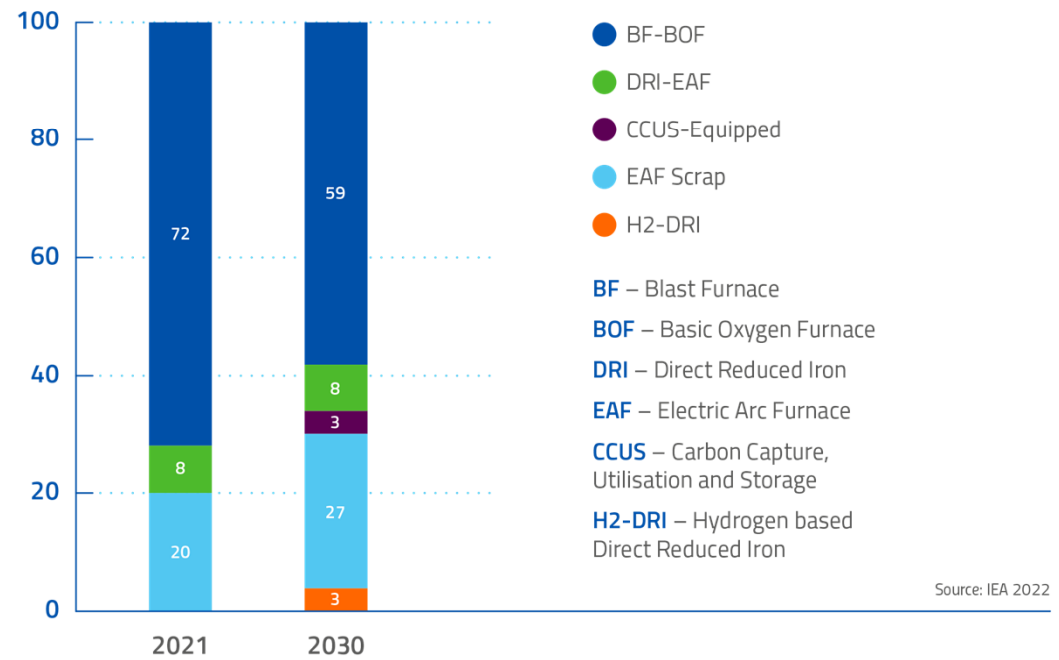


THE GLOBAL SHARE OF SCRAP IN STEEL PRODUCTION IS FORECAST TO RISE.

EU and worldwide scrap consumption with projection (in Mt), WEF 2023



Production of crude steel by route in the net-zero scenario, 2021-2030, %, IEA 2022.



Source: IEA 2022

EIT RAW MATERIALS ADDRESSING KEY INNOVATION CHALLENGES

Selected Technology Project Levels (TPLs)

Mining
Ore processing and smelting
Alloys
Circular Economy

Partners (selection)



Jernkontoret



nyrstar



SSAB





Pathways to Decarbonising Steel

Anglo American Innovation Challenge



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