



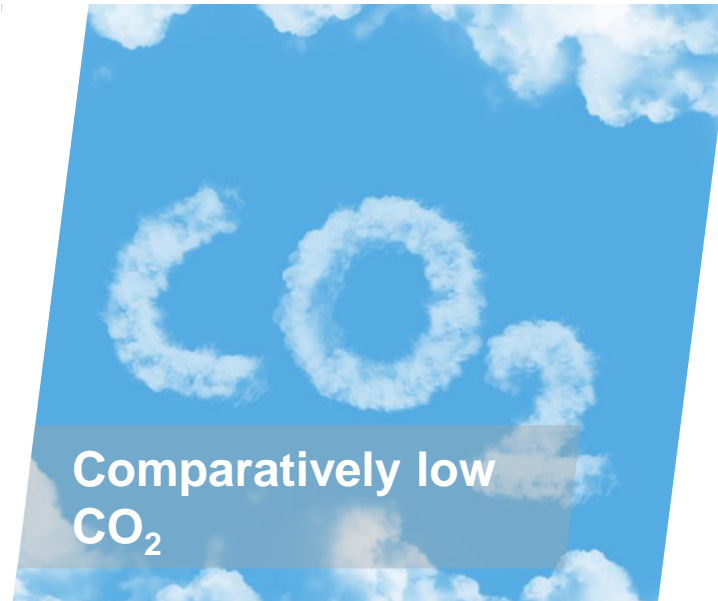
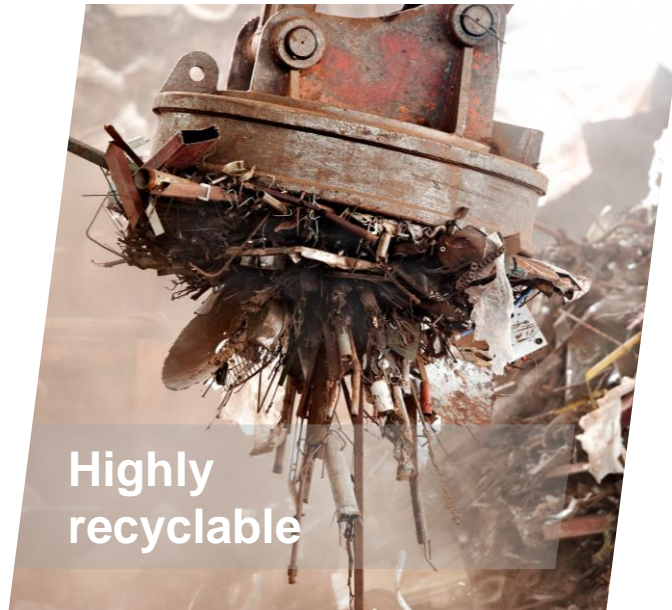
ArcelorMittal

Strategies for Greener Production

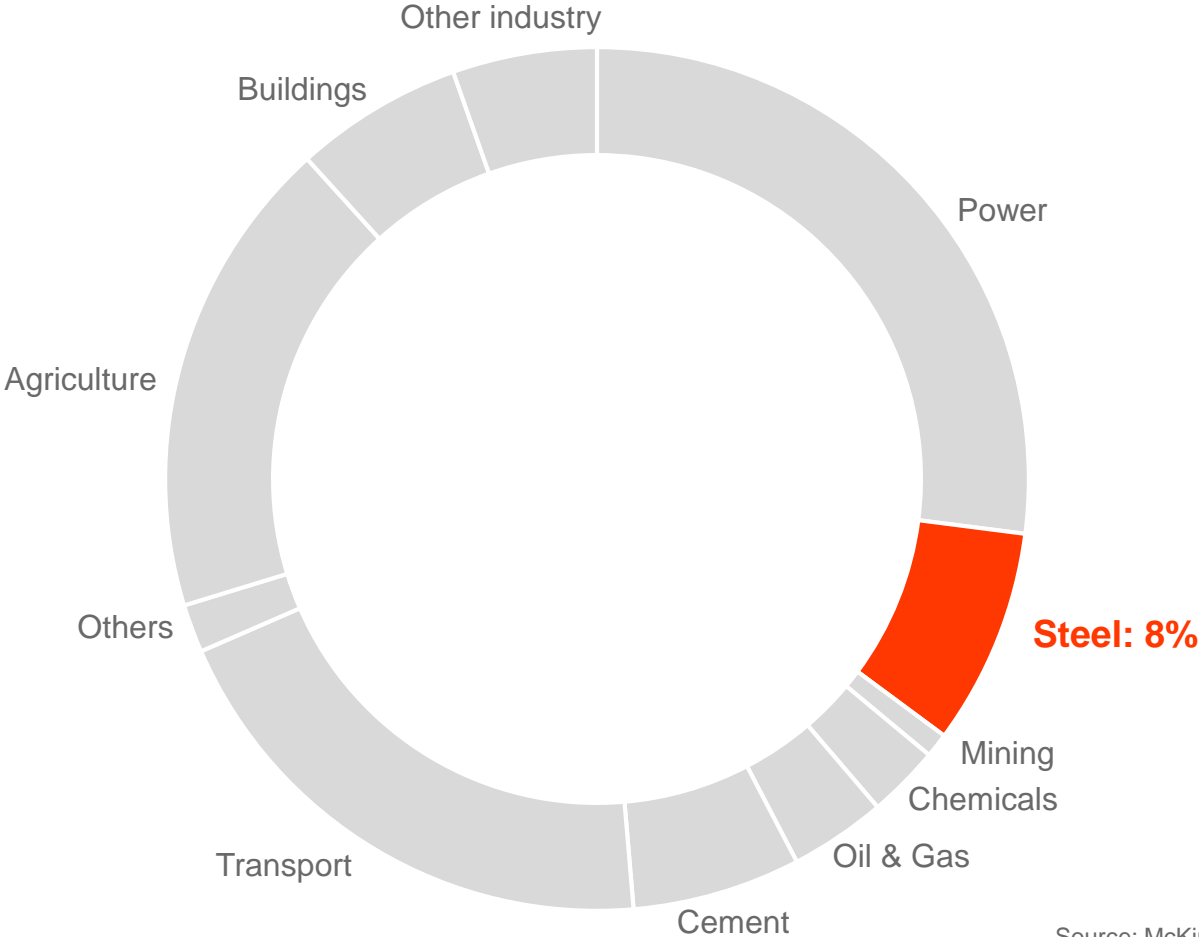
Decarbonising steelmaking

Hugo Campos, ArcelorMittal – Europe Flat Products
AMS Livestream Hour, November 2020

Steel: the perfect material for a low-carbon, circular economy



Share of global CO₂ emissions, %

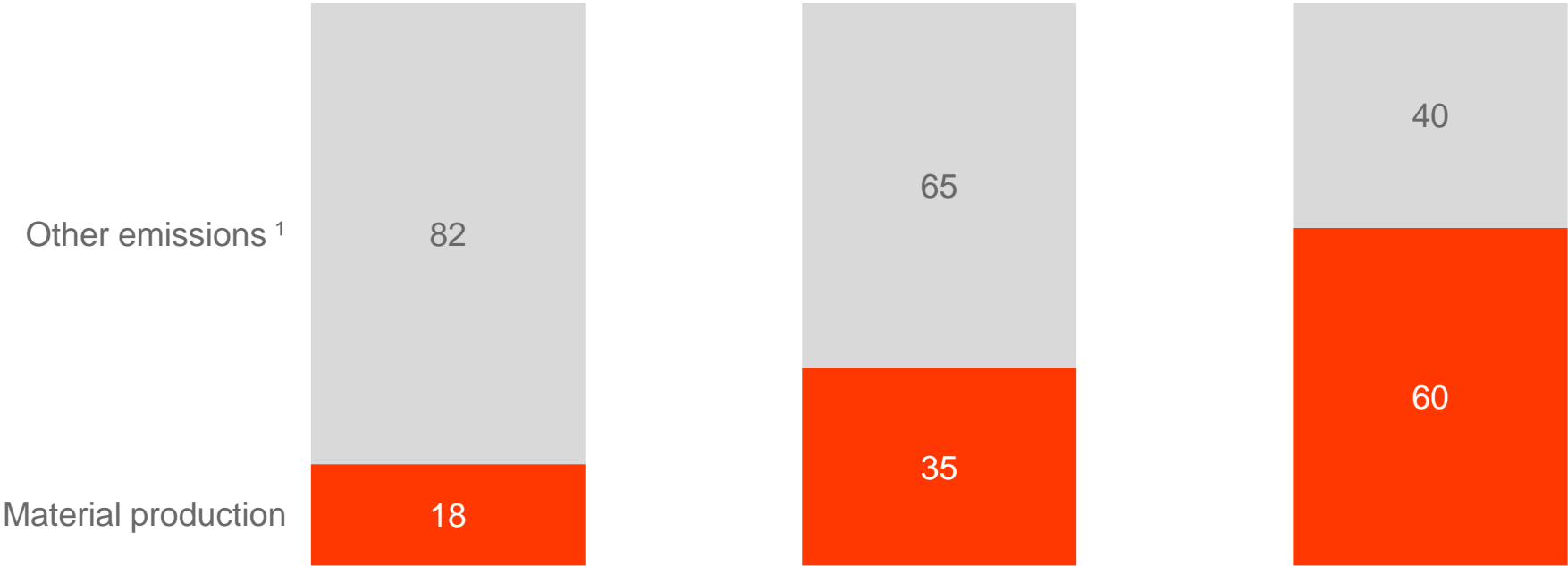


Source: McKinsey & Company, 2020



CO₂ emissions from material production may reach 60 percent of life-cycle emissions by 2040

% of vehicle life-cycle CO₂ emissions

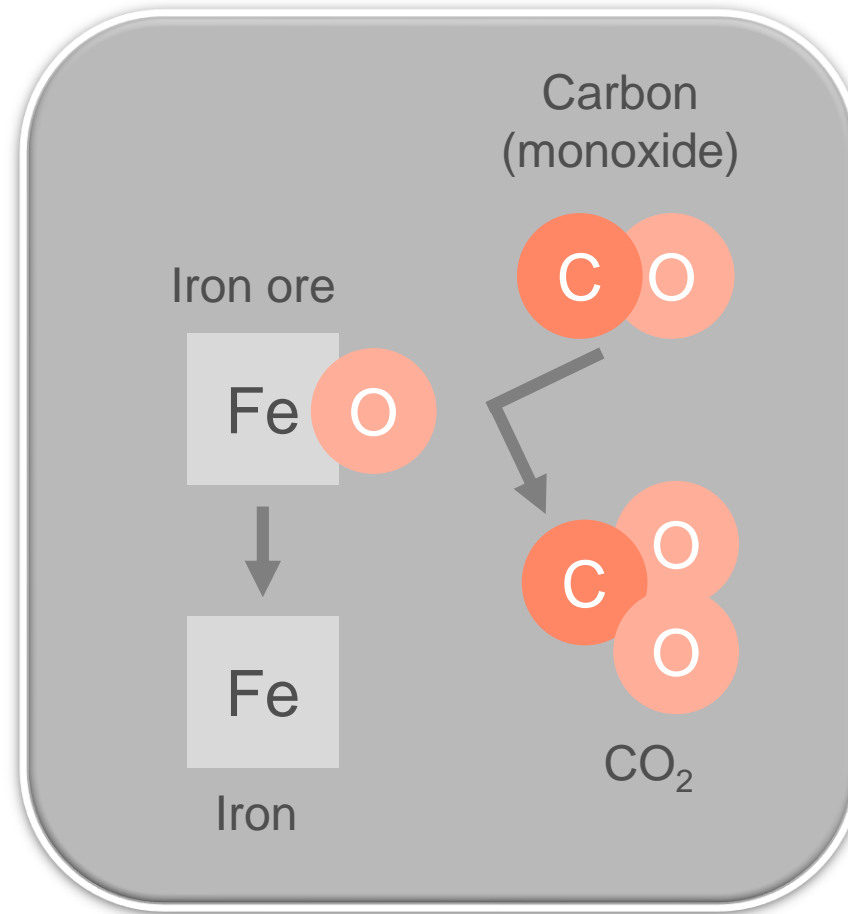


¹ Assumed constant range of 150,000 km/vehicle as baseline – End-of-life emissions not considered here. 2018 average ~120gCO₂/km, target today 95 gCO₂/km. Future assumptions: 2030 75 gCO₂/km; 2040 50 gCO₂/km.

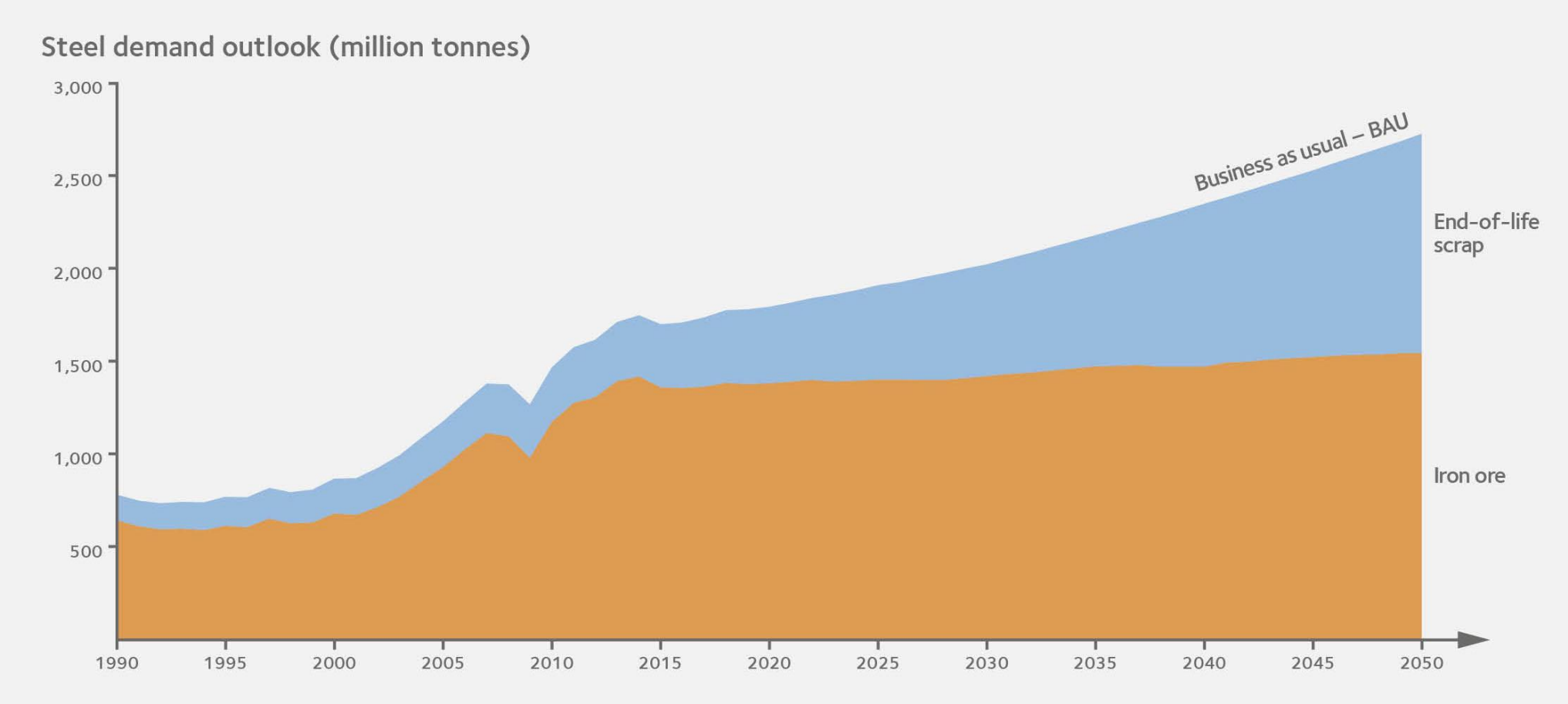
Source: McKinsey & Company, 2020



CO₂ emissions are the unintended result of a chemical reduction



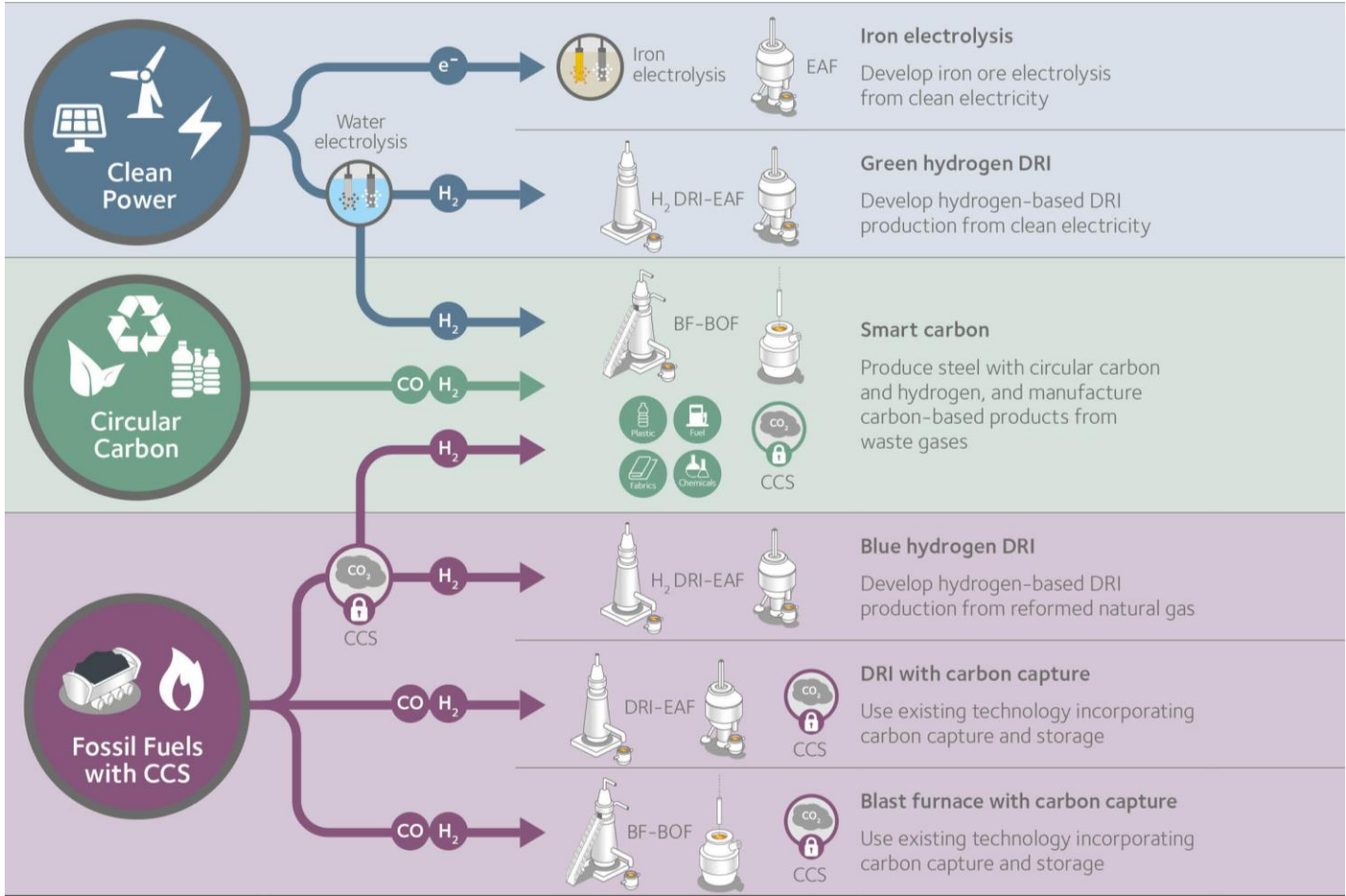
Steel from iron ore will continue to be needed to meet global demand until 2100



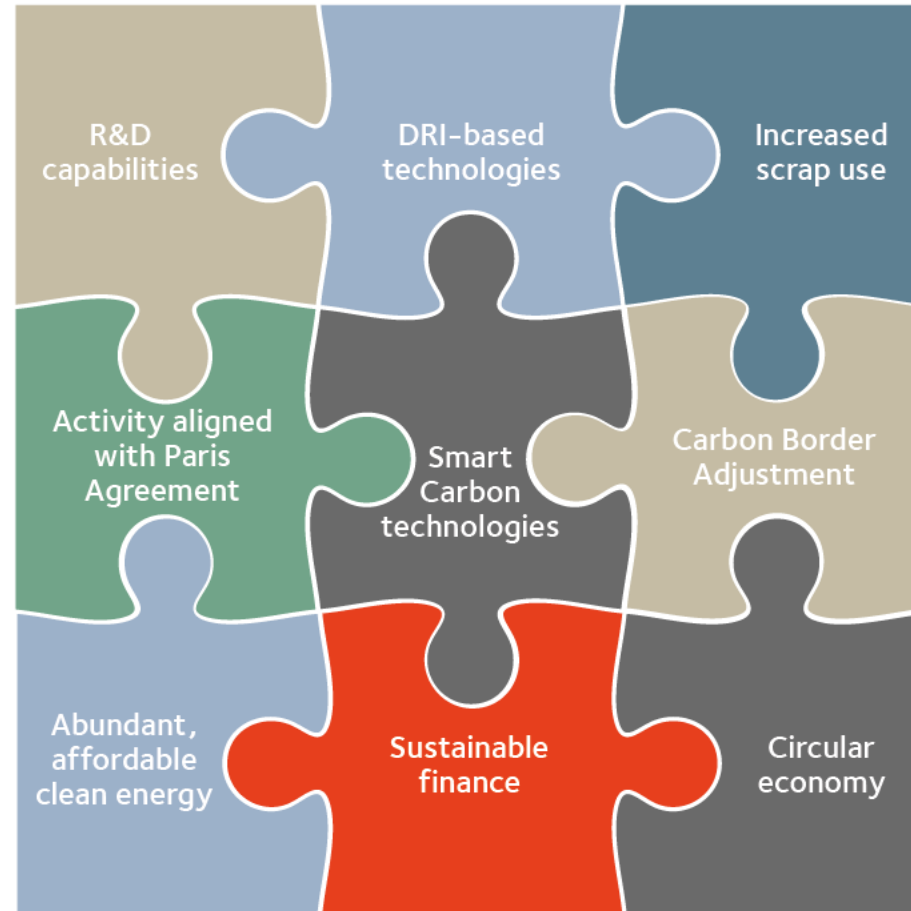
Source: ArcelorMittal, 2019



Steel has the potential to be made without CO₂ emissions



The policy framework: we need the right market conditions



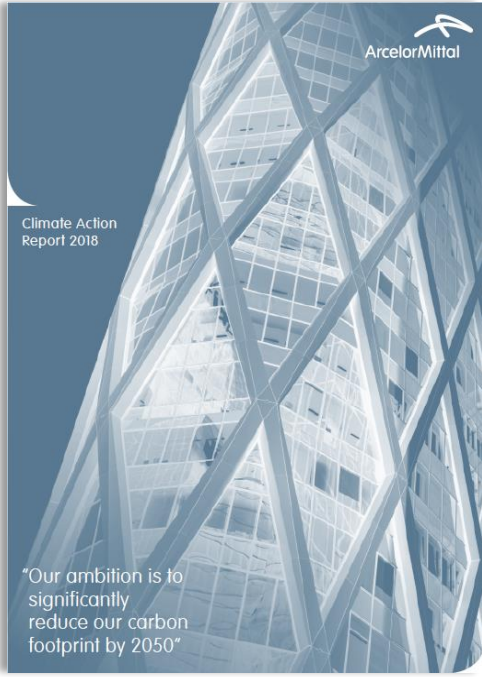
Useful resources



European Climate Action Report



Integrated Annual Review



Climate Action Report



Automotive Website

