

## Steel commitment

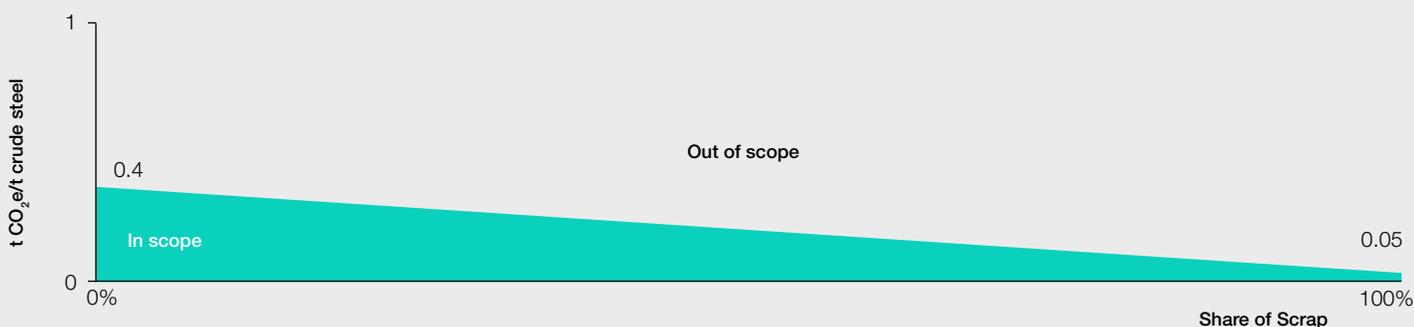
The First Movers Coalition has set ambitious commitments for purchasers of steel:

“At least 10% (by volume) of all our steel purchased per year will be near-zero emissions (as per FMC definition) by 2030”

## Commitment details

Members of the First Movers Coalition commit to purchase near zero-emissions steel satisfying the following criteria:

- Crude steel from breakthrough technology production facilities. Per IEA guidance, the steel should emit <0.4 (0% scrap inputs) to <0.05 t (100% scrap inputs) of CO<sub>2</sub>e per tonne of crude steel produced<sup>1</sup>
- The analytical boundary for emissions is cradle-to-gate, in alignment with IEA guidance in the report *Achieving Net Zero Heavy Industry Sectors in G7 Members*



These commitments do not include steel that does not meet the sliding scale emissions threshold defined by First Movers Coalition or carbon offsets.

Leading analysis identifies that our goals are most likely to be accomplished with steel production using nascent and advanced green technologies – such as electrowinning, molten ore electrolysis, CCUS (carbon capture use and storage) and CCS (carbon capture and storage) with existing processes or DRI-EAF using zero-carbon H<sub>2</sub>.

Voluntary commitments made by joining the First Movers Coalition are subject to the availability of technology supply that enables companies to meet their 2030 purchase pledges and acknowledge that these technologies may come at a premium cost.

The First Movers Coalition will facilitate a range of collaborations and mechanisms to support companies in fulfilling their purchasing commitments.

## Design committee sector contributors

[Climate Group](#), Net Zero Steel Initiative ([Mission Possible Partnership](#)) and [Energy Transitions Commission](#)

1. FMC set ambitious standards, including a fixed supply chain boundary inclusive of all raw material preparation through steelmaking and casting. This boundary has been developed in coordination with partners and is similarly reflected in other standards, including IEA recommendations for G7 members. Maintaining alignment across standards helps FMC members stay in step with industry and customer expectations through 2030. FMC permits the use of virtual PPA to satisfy Scope 2 emission thresholds, if additionality is confirmed by independent expert third party.

**Source:** Mission Possible Partnership. Note: Commitment scope includes both flat and long steel.