

Reference 1: Guidance on reference pathways

General SBTi guidance on pathway selection can be found [here](#).

Reference pathways for iron and steel sector	Temp. goal and probability	Carbon budget and scope	Coverage and assumptions
IEA NZE 2050	1.5°C by 2100 <0.1°C overshoot	~400 GtCO ₂ (2020-2050) Primarily CO ₂	Global, cross-sector coverage with an emphasis on energy Limited CCS usage
EU JRC GECO 1.5°C	<1.5°C with 50% probability Peaking at 1.72°C	~400 GtCO ₂ (2020-2100) Covering all GHGs	Covering 54 countries and 10 sectors Increasing use of CCS and DAC after 2030
IPCC AR6	1.5°C with 50-67% probability Various overshoot pathways covered	250-400 GtCO ₂ Covering all GHGs	Global models with sector-specific components Various artificial sequestration methods covered in scenarios