



Global Steel
Climate Council®

THE STEEL CLIMATE STANDARD: Decarbonization Targets & Product Certification



The Global Steel Climate Council® (GSCC®) is an international coalition of steel producers and stakeholders advancing climate strategy and committed to achieving a 1.5°C scenario by the year 2050.

Steel Producer Members



Steel Producer Members



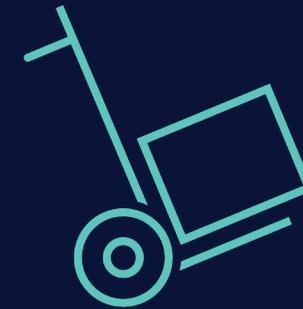
The Steel Climate Standard is the only low-emission steel standard for all steel producers that combines corporate-wide targets with product measurement.



Required.

Science-based emissions target (SBET) setting criteria for steel companies to make time-bound decarbonization commitments across the corporate portfolio.

Annual self-audit, third party audited every 5 years.



Optional.

Product certification criteria for lower-carbon emissions steel to inform customers of product's emissions intensity.

Annual self-audit, third party audited every 3 years.

www.GlobalSteelClimateCouncil.org/The-Standard/

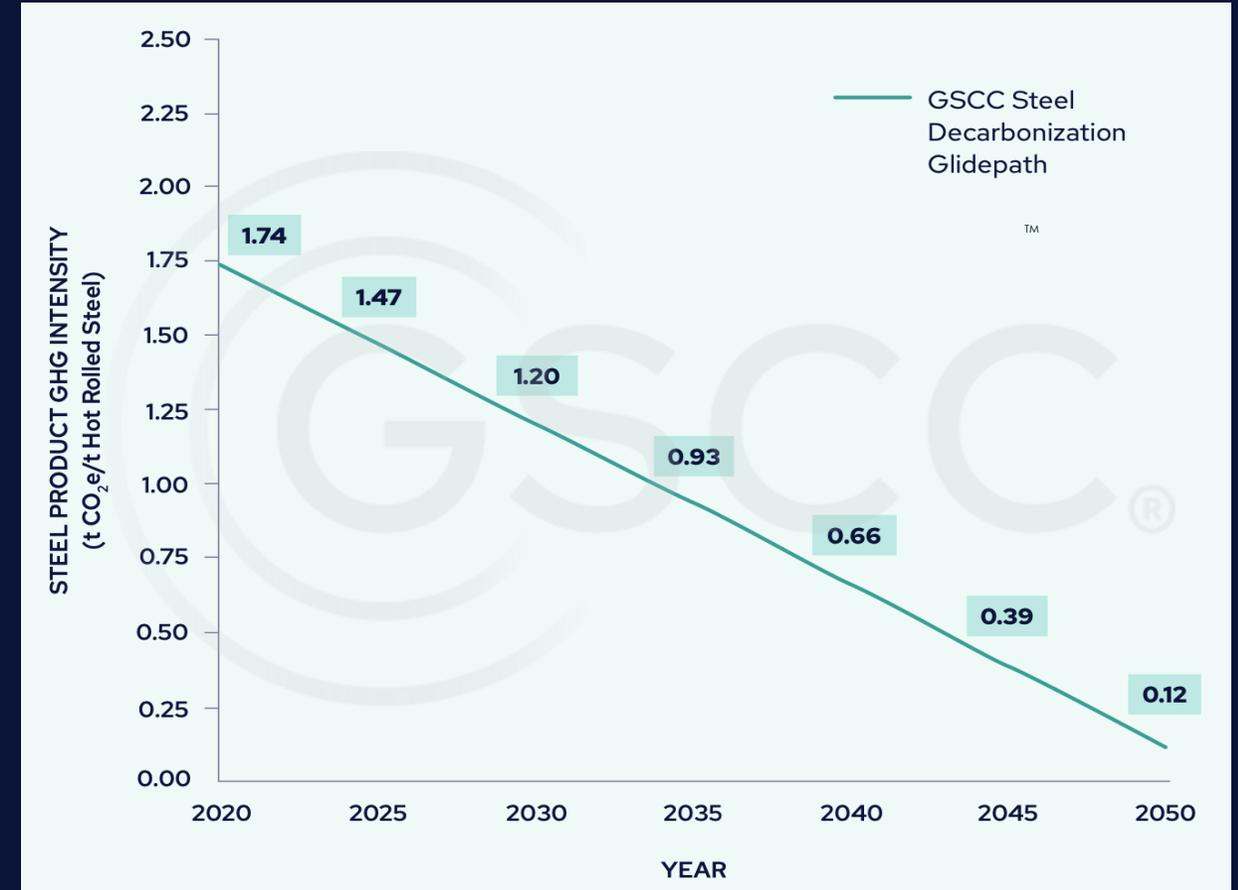
GSCC[®] Steel Sector Decarbonization Glidepath

SBET Certification

Adapted from *IEA Net-Zero by 2050 Roadmap*.

Adjusted to include emissions associated with sector's power consumption and to remove assumptions re: adoption of future technology (*i.e.*, straight line is **technology neutral**).

Expanded boundary results in a **more ambitious pathway** to 2050.



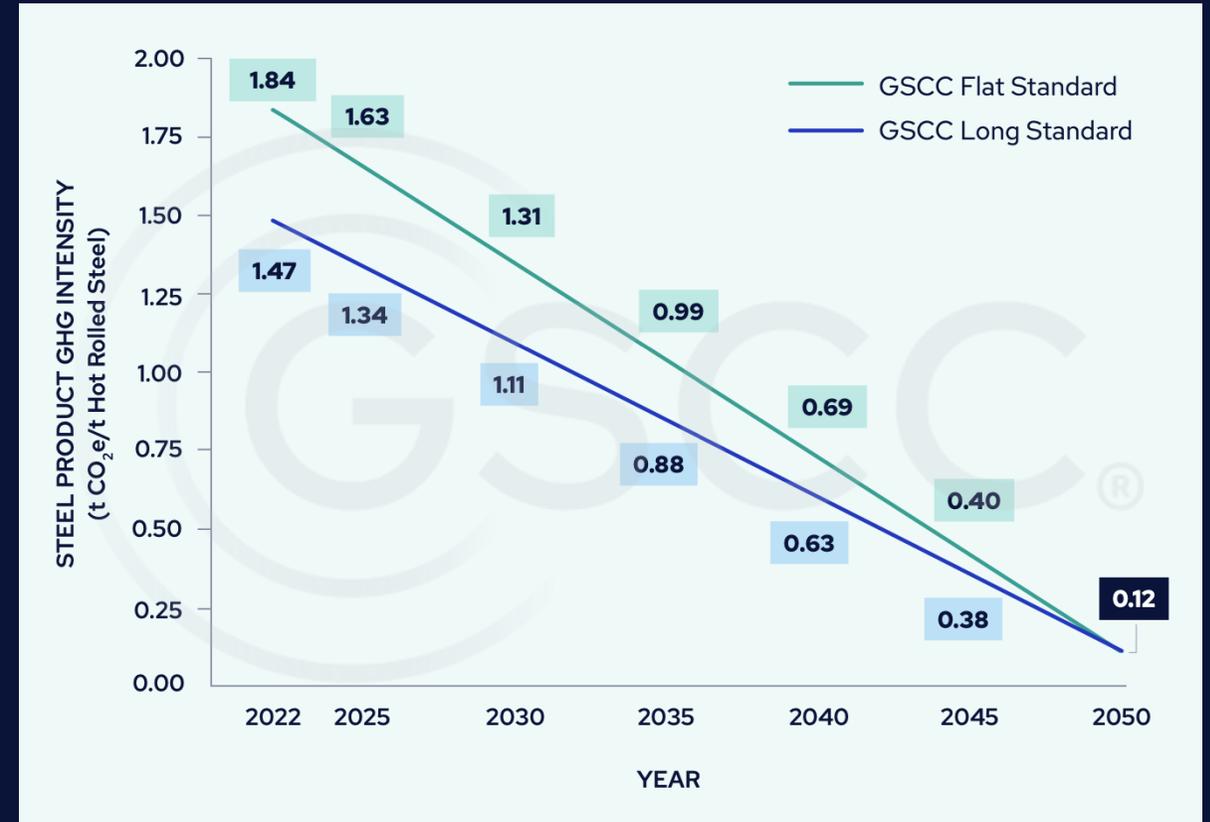
GSCC[®] to review glidepath at least every 5 years or as the climate science evolves.

GSCC® Flat and Long Steel Product Standards

Product Certification

Based on projected global steel demand (by product type) and current GWPs for product types from worldsteel LCI (2020).

Weighted averages of product intensity values in given year = GSCC® steel decarbonization glidepath intensity for that year.



By first setting – and working towards – SBETs, customers gain confidence that product’s emissions intensity is in continuous decline.

The Steel Climate Standard | Objectives

- 1 Provides a **single, technology neutral** framework for steel product certification and company science-based emissions target-setting that **applies to all steel producers equally** on a global basis.
- 2 Allows all steel customers to **know the carbon emissions** associated with the steel products they are purchasing.
- 3 Creates a **verifiable, measurable and accountable** framework for **achieving the emissions reduction goals** in the Paris Climate Agreement by 2050.

Stay in Touch



GlobalSteelClimateCouncil.org

Adina Renee ADLER
Executive Director
adina@steelclimate.org