



Global Steel **Climate** Council™

The **STEEL CLIMATE STANDARD**

A single framework delivering low emission results

JANUARY 2026

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.

21 Steel Producers = **86** million tonnes = **5%** global capacity
+17 Assoc. Members & Supporters

Steel Producer Members



Associate Members & Supporters

HATCH

RESONAC



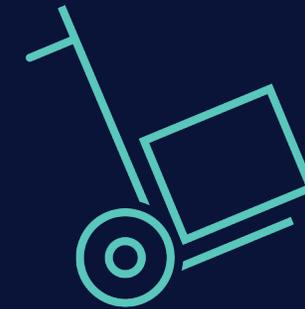
The Steel Climate Standard is the **only** low-emission steel standard for all steel producers that **combines** corporate-wide reduction targets with product measurement.



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[®]'s Year-over-Year Impact



Four Four
2,967,440

**TONS OF CO₂E ELIMINATED.
INDEPENDENTLY VERIFIED.**



~628,000
cars off the
road for a year



~561,000
homes
powered

Four certified steel producers, with ~2.5% of global steel capacity, delivered this level of reduction.
IF ADOPTION SCALES, IMPACT SCALES.

GSCC[®] Steel Sector Decarbonization Glidepath

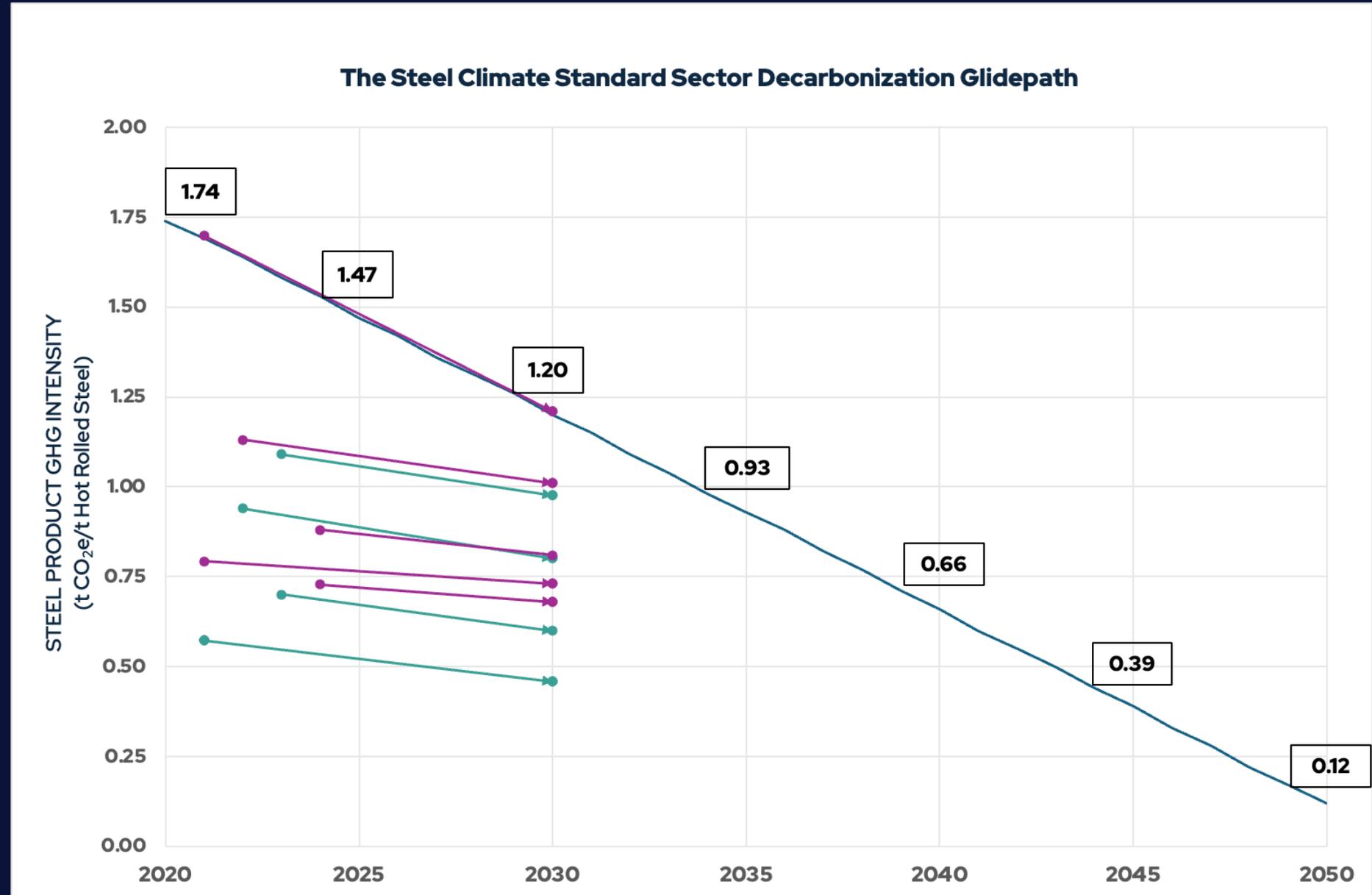
SBET Certification

4 CERTIFIED COMPANIES

Steel Dynamics
Nucor
AFV Beltrame
Arkansas Steel

5 CERTIFICATION PIPELINE

Announcements coming soon!



GSCC® Flat and Long Steel Product Standards

Product Certification



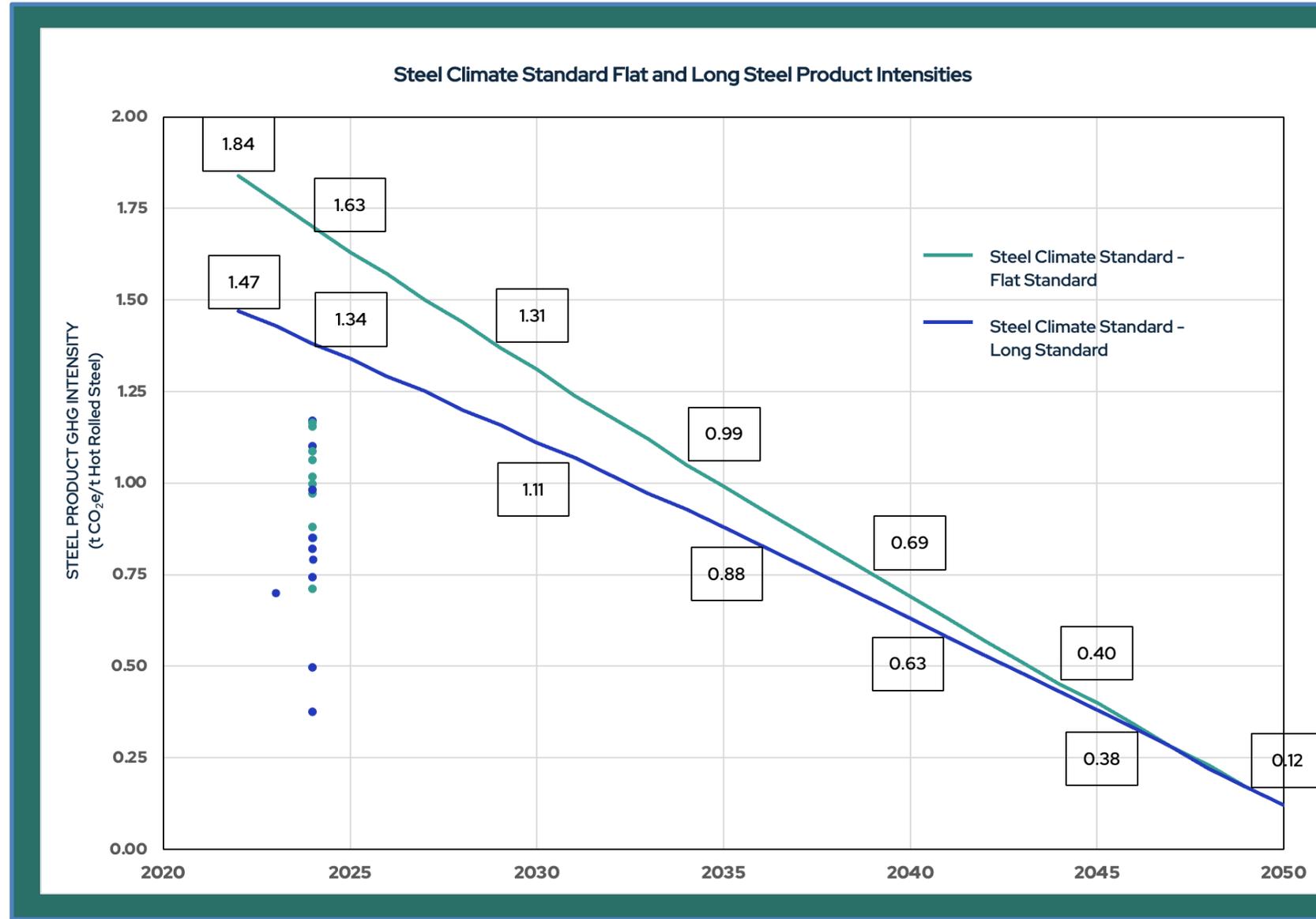
One (1) Facility-based Long Steel Product



Seven (7) Facility-based Long & Flat Steel Products

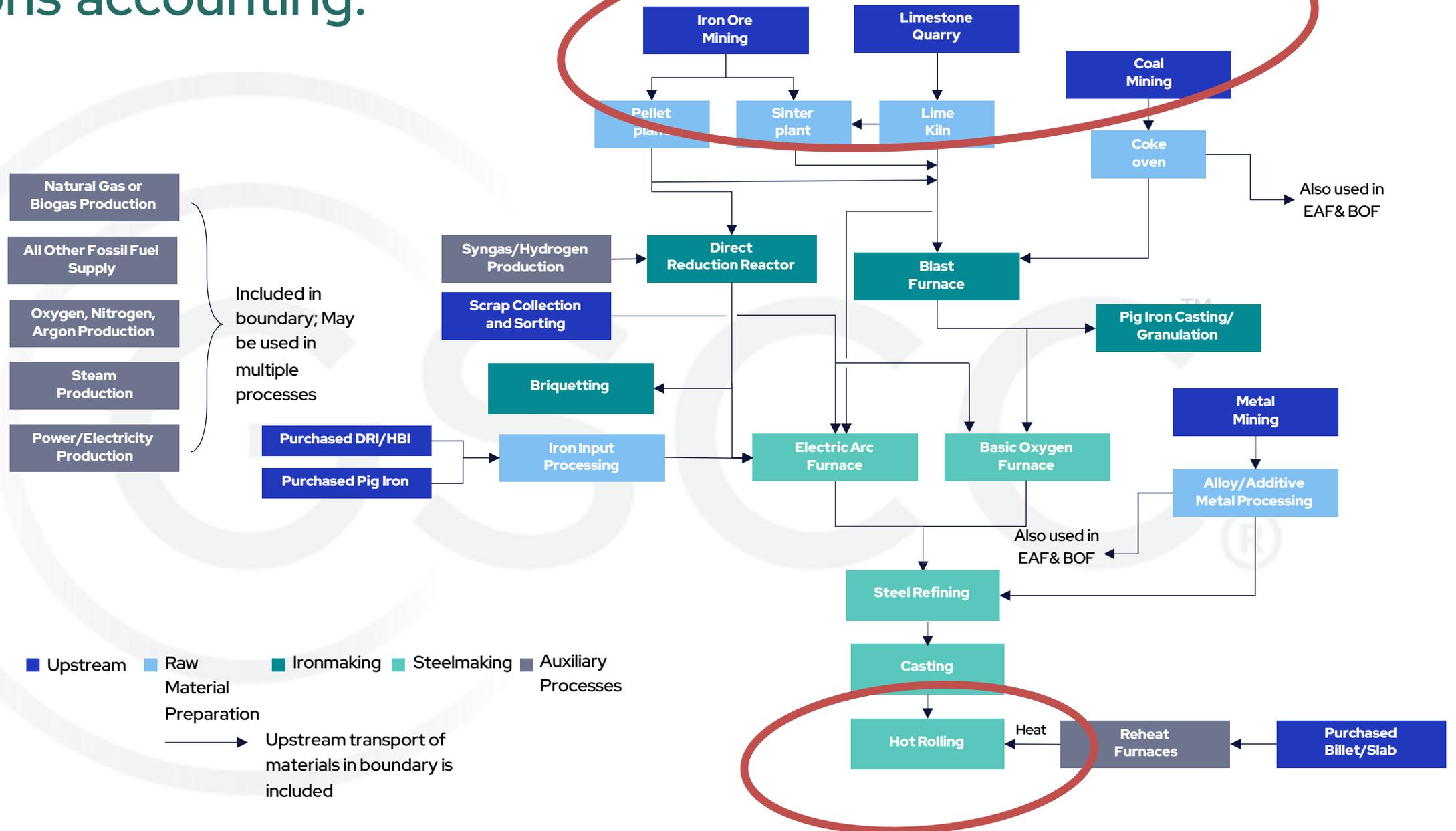


Twelve (12) Facility-based Long & Flat Steel Products



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

A comprehensive boundary that yields a more accurate emissions accounting.



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.

A Label based on Proven Results

Based on a single framework according to emissions intensity

Technology-neutral with primary focus on production stage

Recycled content reported separately without influencing CFP calculation

Transparency in the publication of emissions data

Steel for Green



Carbon footprint-based classification (up to hot rolled)



Top categories reward frontrunners, but the structure drives continuous improvement.

Recycled content

XX%

Environmental Product Declaration (EPD) /

Product Carbon Footprint (PCF)

XX kg CO₂e/t steel

Engagement @ International Organizations

STEEL STANDARDS PRINCIPLES

Common emissions measurement methodologies to accelerate the transition to near zero



Endorsements as of 23/01/25

Steel Standards Principles - 1



Working Party on Industrial Decarb. (WPID)

ISO Tech Com TC-17 Activities

- ISO + GHG Protocol Alignment on Org. and Product Emissions Accounting (14064 & 14067)
- Chain of Custody (22095)
- International Scrap Standards



Steel Committee & Global Forum on Steel Excess Capacity



AN INITIATIVE OF THE CLEAN ENERGY MINISTERIAL



UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION
Progress by innovation



Global Matchmaking Platform

Stay in Touch



GlobalSteelClimateCouncil.org

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