

We have the technology to cut steel emissions by 70%.

The Global Steel Climate Council (GSCC) is an international coalition of steel producers and stakeholders committed to reducing emissions.



What challenges do we face?

Globally, there is no standard that rewards low-emission steelmakers.

This lack of a standard harms the environment and disincentivizes steelmakers from changing their production process to a more sustainable alternative. Some organizations are advocating for a standard that features a “sliding scale” for measuring carbon emissions. This would permit producers to classify their steel products as “green” even if they are produced with significantly higher carbon emissions, which creates a double standard.

An [October 2022 UN report](#), shows that **countries are not on track to limit carbon emissions** to 1.5 degrees Celsius by the end of the century.

Where will GSCC focus its efforts?

The primary focus of the GSCC is to establish a standard, focusing on the following 5 key principles:

- **Reducing GHG emissions** from the global steel industry.
- Establishing a standard that is **technology/production method agnostic**.
- Establishing a standard that has a **system boundary** that includes Scope 1, 2 and 3 emissions.
- Establishing a standard that **aligns with a science-based glide path** to achieve a 1.5 degree scenario by the year 2050.
- **Providing relevant information** on sustainable steelmaking to appropriate decision makers.

ABOUT THE GLOBAL STEEL CLIMATE COUNCIL

The Global Steel Climate Council, Inc. (GSCC) is a nonprofit association organized to advance climate strategy by sharing best practices, establishing standards, and advocating for carbon emissions reductions by members of the steel industry.

The GSCC includes more than 20 members and supporters who are steel manufacturers, trade associations, end users, scrap metal suppliers, and non-governmental organizations.

GSCC’s specific purposes are to focus on reducing greenhouse gas emissions from the global steel industry by supporting reduction methods that are technology agnostic, have a system boundary that includes Scope 1, 2 and 3 emissions, and align with a science-based glidepath to achieve a 1.5 degree Celsius scenario by 2050.

The founding members of the GSCC are: the Steel Manufacturers Association, Nucor Corporation, CELSA Group, Steel Dynamics, Inc., Commercial Metals Company and the Institute of Scrap Recycling Industries.

For more information, please visit GlobalSteelClimateCouncil.org

A More Sustainable Solution Already Exists

Electric Arc Furnace (EAF) producers are leading the way for green steel:

 Over **70%** fewer carbon emissions and less environmental impact.

 **99%** of steel co-products can be repurposed for other use, recycled to reclaim materials within them or recycled as an energy source.

 Over **90%** of the water used in EAF steel mills is processed, cleaned and returned to the environment.

 Over **70%** of all steel made in America is sustainably produced using EAF, as compared to over 40% of all European steel and 28% by steelmakers worldwide.

