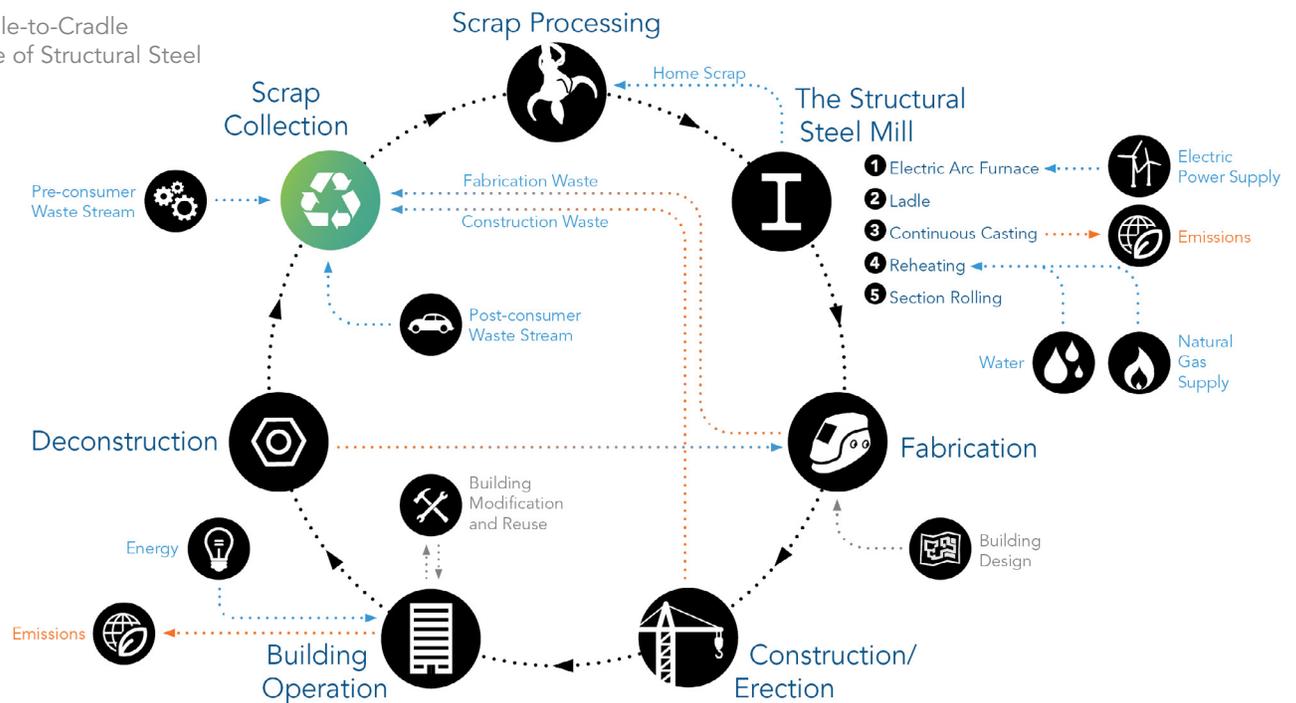


DEMONSTRATE YOUR COMMITMENT TO SUSTAINABILITY

Build lasting credibility to strengthen valuable partnerships.

The Cradle-to-Cradle Life Cycle of Structural Steel



What if you could help your clients build a sustainable structure without incurring any additional costs or schedule delays?

The American structural steel you're already working with—even without specifying anything special—is the most sustainable structural material on the market.

That's because American structural steel is a recycled product with a cradle-to-cradle lifecycle. In fact, steel is the most-recycled material on the planet—the average structural steel member is 92% old cars, bicycles, demolished buildings and bridges, and other scrap.

Structural steel is also 100% recyclable, and 98% of steel from demolitions goes back into the supply chain. All structural hot-rolled sections produced in the U.S., including typical wide-flange beams and columns, are made in electric arc furnaces. EAF steelmaking has 75% less emitted CO₂ than traditional steelmaking.

Owners may not know this. You can be an expert partner in their sustainability-minded projects.

aisc.org/sustainability



**Smarter.
Stronger.
Steel.**

ENVIRONMENTAL PRODUCT DECLARATIONS (EPDs)

Owners pursuing certifications or navigating Buy Clean requirements need to back up their claims with reputable data. The American structural steel industry's unmatched transparency and market coverage make that easier to do. Steel documentation covers the material's entire lifecycle, unlike other materials, which gives owners data they can trust and an accurate assessment of the impact of their decisions.

AISC works with domestic structural steel mills to develop accurate industry-wide environmental product declarations (EPDs) that report a number of environmental impacts related to the production of steel, including global warming potential, ozone depletion, acidification, eutrophication, and ozone creation. The EPDs represent more than 95% of all domestic structural production, which is a level of coverage unmatched by any other material. The industry is always ensuring that they're up-to-date; in fact, AISC is updating its EPDs ahead of schedule because the most recent data indicates a 12% drop in embodied carbon just between EPD versions.



Once you have settled on procurement, you can use mill-specific EPDs for a customized WBLCA for your project. aisc.org/epd

Industry-wide EPDs are an appropriate reference for initial whole-building life cycle assessments (WBLCA) before you've made specific procurement decisions.



Contact Us:
AISC Steel Solutions Center
solutions@aisc.org

BUY CLEAN

AISC actively collaborates with many Buy Clean policy advocates, including government officials at the state and federal levels—it's a natural fit, because our members produce and fabricate the premier green structural material. We work hard to educate policy-makers as well as the general public about the many things that make steel the responsible material choice.

aisc.org/buyclean

A KNOWLEDGE RESOURCE FOR YOUR NEXT PROJECT

Demonstrate your knowledge of the sustainable building market by giving your client a valuable resource: a Sustainability Toolkit for Owners.

This is a vital resource that details special considerations for sustainability-minded owners throughout the entire design and construction process with guidance from leading minds in the industry.

aisc.org/sustainability-toolbox

BUILD A TEAM THAT DELIVERS

Choose an AISC Sustainability Partner steel fabricator.



These fabricators have invested in specialized training to minimize the impact of your project—and they can also help you and your client navigate regulatory requirements, too.

aisc.org/partnerprogram



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Steel.