

# THE TRUE SUSTAINABILITY OF STEEL IN NUMBERS

## What is sustainability?

Within the North American steel industry, it's the corporate social responsibility of companies to be eco-friendly and forward-looking, considering how their actions will affect future generations. The North American steel industry has invested billions of dollars in innovative technologies to improve its energy efficiency and demonstrating its commitment to the environment.

Here are some facts that showcase some of the industry's notable results:



Steel can be recycled over & over with no loss of performance.



**Earth's Most Recycled Material**

**88%**

**overall recycling rate**

Steel is the most recycled material on the planet, more than all other materials combined.

**60-80 million tons**

OF STEEL RECYCLED ANNUALLY IN NORTH AMERICA

**Water use in steel production**

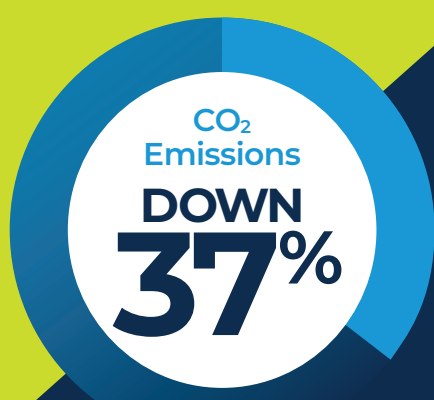
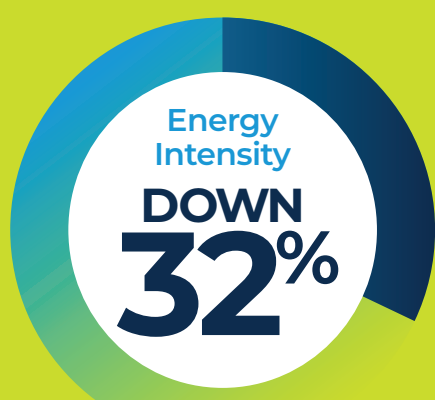
**90%**



Approximately **is cleaned & returned to its source**



Since 1990, the North American steel industry has **significantly reduced its:** (per ton of steel shipped)



**THE NORTH AMERICAN STEEL INDUSTRY RECYCLES ITS MILL SCALE, STEEL-MAKING SLAGS, & OTHER BY-PRODUCTS. STEEL-MAKING DUST AND SLUDGES ARE PROCESSED SO THAT METALS LIKE ZINC CAN BE RECOVERED AND REUSED.**

## Raw Material Conservation

Recycling 1 ton of steel conserves approximately:



**2,500 lbs IRON ORE**



**14,000 lbs COAL**



**120 lbs LIMESTONE**

## Advantages for Construction



### Green Building Credits

LEED® - the industry's Environmental Product Declaration for cold-formed steel (CFS) framing helps architects and engineers document impacts and achieve credits required for LEED and other green building certification programs.



### Strength-To-Weight Ratio

Highest of any building material

### Cold-Formed Steel's Recyclability

CFS framing contains at least

**25%**



Steel is wholly & continually recyclable

**recycled steel**



Construction of a **2,000 square foot** house can be built from approximately:

**6**

**SCRAPPED AUTOMOBILES, RECYCLED TO CFS STUDS AND TRACK.**



## Committed To Sustainability

The North American steel industry is committed to the principles of sustainable development in manufacturing innovative products that meet society's needs. This commitment helps to improve the quality of life for everyone now and for generations to come.

