

# AISI Climate Policy

What the steel industry is saying is:

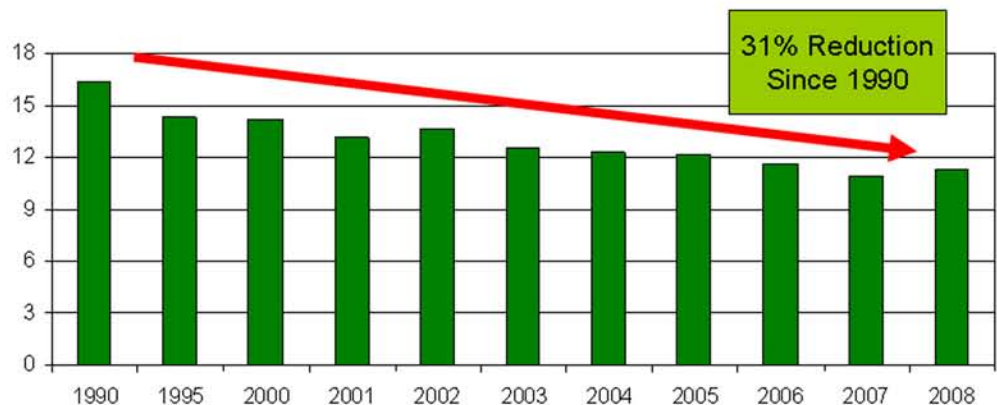
1.) Steelmakers in the U.S. have been reducing energy and CO<sub>2</sub> emissions per ton since 1990 and, as a result, are the lowest in the world in both categories. Making steel in the U.S. is therefore good for the environment.

2.) Steel has life cycle advantages over other materials; therefore, using steel is good for the environment.

3.) Steel jobs are green jobs.

4.) Greening the U.S. energy supply is the fastest path to CO<sub>2</sub> reduction. The cost of greening the energy supply, including the additional cost to manufacturers, needs to be offset by climate policy, so as not to alter competitive balance.

## Energy consumption per ton of steel shipped in the U.S. steel industry



- **Sound energy policy is the first step of effective climate policy.** Providing green, abundant and affordable energy will have the biggest impact on U.S. CO<sub>2</sub> emissions as it reduces the CO<sub>2</sub> emissions of every sector of our economy. U.S. policy must initiate the transformation of our nation's energy infrastructure. For example, in 2005, electricity generation alone accounted for one-third of U.S. CO<sub>2</sub> emissions.
- **Steel will be a critical material for quality of life in 2050 and beyond.** Steel demand is expected to be at least 2.7 billion tons in 2050 as opposed to 1.2 billion tons today. Steel is the material of choice in construction and in the transformation of the energy infrastructure, for both developed and developing nations. Steel will also be the material of choice in dealing with the effects of climate change, that is in adaptation—flood control, hardening of the energy infrastructure, farming equipment, water pipelines and energy transmission, among others.
- **Steel is the most recycled material and its ease of recycling from one product to another enables CO<sub>2</sub> emissions reductions in our customer's products.** Steel often has distinct life cycle advantages over other materials, which further contribute to CO<sub>2</sub> mitigation.

- **The steel industry in the U.S. has the lowest CO<sub>2</sub> emissions per ton in the world.** Blue jobs are green jobs. Making steel in the U.S. is therefore good for the global environment. Our industry has made dramatic reductions in energy intensity and CO<sub>2</sub> intensity over the last two decades, to the point that we are approaching the theoretical limits for energy and emissions reductions using the steelmaking processes we operate today.

*"If all industries were as interested in the environment as steel, the habitats for both animals and mankind would be dramatically improved."*

- Jan Hartke,  
former Executive Director,  
EarthVoice

