

How a Steelmaking Company Leads in Sustainability

How one global steel manufacturer is cutting emissions, recycling resources, and building a more sustainable future.



The United Nations created the [Sustainable Development Goals](#) (SDG) in 2015. Organizations worldwide use them as guidelines to promote environmental, economic, and social progress.

[Tenaris](#), a subsidiary of Techint Group, is a leading global manufacturer of steel pipe products.

With billions in revenue, Tenaris maintains strong relationships with companies such as Shell, Chevron, and ExxonMobil. But a major reason why Tenaris is so revered is because of their success in sustainable practices.

The Worldsteel Association recognized Tenaris's holistic approach to sustainability and dubbed them a *Sustainability Champion* for "*leading the way in creating a truly sustainable steel industry and society.*"

Here's how Tenaris aligns with the SDGs.

Fighting Climate Change and Improving Air Quality

According to the Worldsteel Association, approximately [165 million tons of steel is produced each year](#). It's used to build schools, trains, ships, cars, and many other products that are used daily.

Manufacturing steel, however, is an energy-intensive process that can produce large amounts of toxic emissions.

Tenaris representatives feel that as leaders in their industry, they must do their part by reducing their environmental footprint. They have invested nearly 200 million dollars into operations that influence the energy transfer to renewable resources. Tenaris is making significant steps towards [making cities and human settlements inclusive, safe, resilient, and sustainable](#).

Tenaris is also [taking urgent action against climate change](#). They are on their way to reducing their carbon dioxide emissions by 30% by 2030 (from a 2018 baseline). This is one of Tenaris's primary goals in their decarbonization strategy.

Creating Infrastructure and Furthering Innovation

Beyond reducing emissions, Tenaris has also invested heavily in sustainable infrastructure. Tenaris's Bay City Mill in Texas received the Leadership in Energy and Environmental Design (LEED) certification, a noteworthy accomplishment because it's uncommon for industrial facilities to receive this. Tenaris is setting the tone for [building sustainable infrastructure and fostering innovation](#).

Recycling Products and Managing Water

Steel is an infinitely recyclable resource. Tenaris maximizes its recycling rates and scrap availability to [ensure sustainable consumption and production patterns](#). This is an efficient way to save energy, reduce carbon dioxide emissions, and establish a circular economy.

Water is vital to steelmaking. [To ensure its availability, sanitation, and sustainable management](#), Tenaris evaluates its water intake and ensures that it is reused and returned to the source.

Providing Safe and Diverse Working Environments

Tenaris [fosters a foundation of safety, health, and progression for all employees](#).

Tenaris has approximately 30,000 workers worldwide. They have invested 24 million dollars in developing safe technological procedures and have spent 2 million hours training workers. Tenaris leadership is proud to have 103 nationalities representing their workforce.

Contributing to a Sustainable World

Tenaris's commitment to sustainability has helped the company thrive since the 1950s.

As global industries face increasing pressure to reduce environmental impact, companies like Tenaris demonstrate how sustainability initiatives can coexist with large-scale manufacturing.

For details on Tenaris's sustainability strategies and goals, read their [Sustainability Statement](#).

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