



STOMANA
INDUSTRY S.A.

 SIDENOR GROUP



Low-Carbon Steel Plates

➤ our contribution to a **sustainable future**

> Steel is a vital component of our world with **high recyclability**

Steel is the most recycled metal by volume. Production of steel from recycled material can be carried out with much less energy and CO₂ emissions. The use of steel is consequently suitable for low-carbon technology projects and manufacturing of sustainable products.

> The EAF route uses **less energy and resources and produces fewer emissions**

Steel can be produced via two main processes: either from an Electric Arc Furnace (EAF) or an integrated blast furnace (BF). The EAF that melts down scrap - in contrary to the BF converting iron ore with need of coking coal - is flexible to demand changes and releases only a fraction of the CO₂ emitted by the BF.

The EAF steelmaking process guarantees that all steel recovered can be reused to make new steel, contributing to a circular economy.

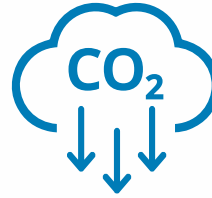


more than
97%
recycled scrap

> Low-carbon Steel Plates **contribute to a circular economy**

STOMANA INDUSTRY is leading the race by producing 100% of its steel products from recycled scrap, melted in an EAF, while the steel industry is experimenting with different technologies and various strategies geared towards decarbonization.

STOMANA INDUSTRY uses more than 97% recycled scrap and 2% other ferrous products as its raw materials. We carefully select scrap procurement, optimizing the impact of different grades from various sources and processes to reduce or eliminate the levels of impurities. Steel produced by EAF can be recycled repeatedly and turned into new products without any downgrade of their properties.



STOMAMA INDUSTRY is among the few steel mills producing 100% of Hot Rolled Plates exclusively **by recycled ferrous scrap**, providing solutions that reduce its environmental footprint and promoting circular economy.



Low-carbon steel plates

Stomana Industry manufactures

low-carbon and recyclable steel products

Hot-Rolled Plates



Special Bar Qualities (SBQ)



Grinding Balls



Reinforcing Steel



Slabs



Billets & Blooms



www.stomana.bg

