

A greener future starts with Green Steel

CO₂ footprint (kg CO₂ per ton of steel produced)

World Steel Mix (scopes 1, 2 and partially 3)

1'910 kg CO₂/t

Swiss Steel Group Mix (scopes 1+2)

195 kg CO₂/t

up to 83%

Below the World Steel Mix*

*Industry average: 1.9t CO₂/t crude steel cast vs. Swiss Steel Group: 0.195t CO₂/t crude steel cast in scopes 1+2 and scope 3 ranging from 134 kg CO₂ (engineering steel) to 2050 kg CO₂ (stainless steel); Source: World Steel Association Sustainability Indicators 2022

Closing loops from waste to value

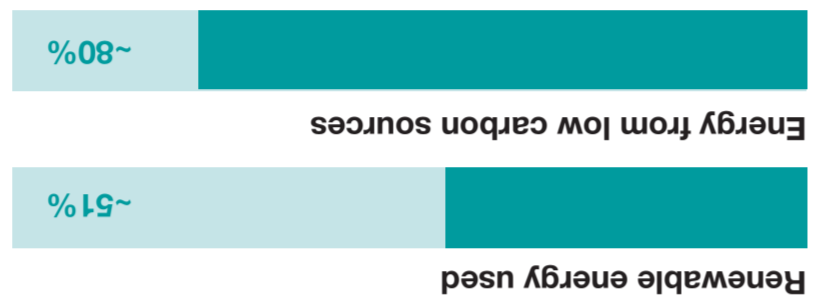
While often underestimated, no material is as sustainable as steel. Swiss Steel Group produces solely from steel scrap, making us a key recycler in the countries where we produce our steel. Taking sustainability seriously, we source our scrap as locally as possible, favor rail transport and pay close attention to precise scrap sorting. The better our steel contents of each individual chip of scrap and the fewer primary alloys we need from mining.

Electric Arc Furnaces – the greener steel

Generally, there are two established methods of steel production: One is to use iron ore and coking coal to produce steel in blast furnaces. The other is to use steel scrap in electric arc furnaces. By exclusively operating electric arc furnaces (EAF), Swiss Steel Group applies the technology of future steel-making already today. Our EAF and scrap-based production does not require coking coal and hence produces almost no direct emissions. Because EAFs require large amounts of power, we mainly operate on power from low-carbon sources, at some sites even exclusively.

Energy for tomorrow powered for Green Steel

Steel production based on scrap is an energy-intensive process. We are continuously working to improve the energy mix we use. Today, we mainly power our electric arc furnaces with a mix of renewable energy and low-carbon energy sources. On this basis, strategic and operational energy targets are set, and energy measures planned, implemented and monitored.



Together. For a future that matters.

Steel Group

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~2'000'000 t

recycled metallic input materials

~94%

Scrap used per year

Empowering your solutions Green Steel product portfolio

Green Steel for a future that matters

Sustainable steel production runs in our DNA. We believe it is our responsibility to contribute to a better, greener and more sustainable world. Our green steel approach builds on sustainable steel production, circular economy and low carbon energy sources.

We offer a range of green steel products to address the needs of our customers. We facilitate trust by providing sustainable products with a fully transparent carbon footprint and thus allow customers to fully assess and control their upstream emissions.

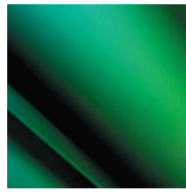
Division	Best in class emissions in kg CO ₂ per ton of crude steel*
Engineering Steel	~45
Tool Steel	~109
Stainless Steel	~127

*(Scopes 1+2)

Green Steel Stainless+ Green Steel Stainless+ offers our customers stainless steel products produced from 95% or more recycled materials. We reduce emissions from purchased materials by up to 90% by avoiding the use of primary alloys.



Green Steel Climate+ For those who want to push sustainability further, Swiss Steel Group offers Green Steel Climate+. These products are produced with power solely from renewable sources, such as hydro, wind or solar, and therefore carry an even lower carbon footprint.



Green Steel Swiss Steel Group produces steel solely with electric arc furnace technology, by driving recycling and circular economy. The result is a product offering with up to 78% less carbon emissions than the industry average.*



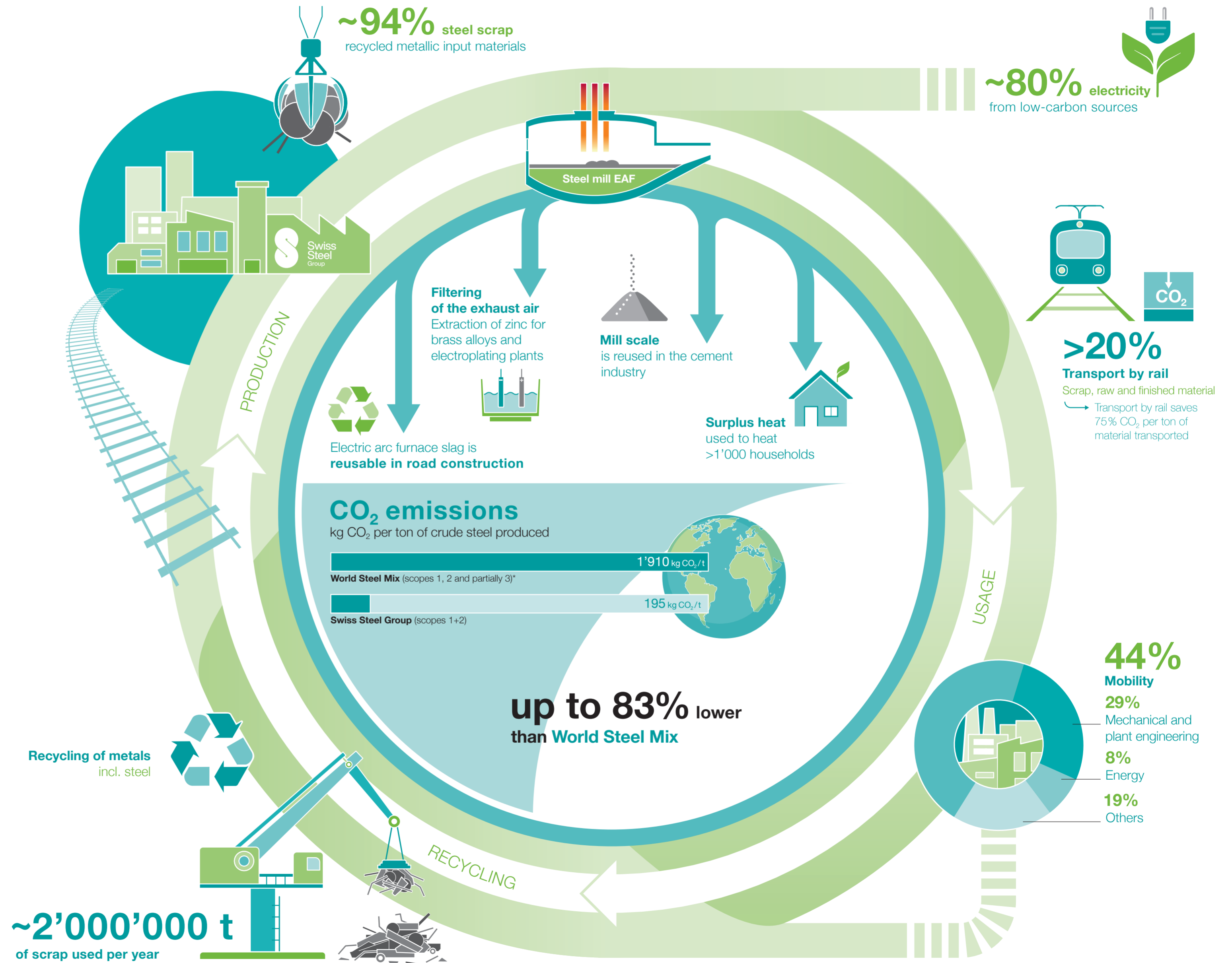
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Green Steel – For a sustainable future

Sustainable steel production based on EAF technology is part of our DNA. As such, Swiss Steel Group empowers customers with materials with a carbon footprint well below the industry average. Our green steel builds on circular economy and low carbon energy sources. We facilitate trust by transparently disclosing our carbon footprint and thus help our customers achieve their decarbonization targets. Yet we continue to strive to further reduce our environmental impact – until Swiss Steel Group stands for zero emissions steel.

Striving for more – Our mission

We continue our pioneering efforts in Green Steel by reducing our environmental footprint and empowering our customers with high quality sustainable products. Swiss Steel Group has committed to the Science Based Targets initiative and will validate its decarbonisation targets in line with the climate target to limit global warming to 1.5°C.



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