

Green Steel CO2-reduced Tin

Improving your eco-balance with CO2-reduced steel

Are you struggling with a CO2-intense tin packaging? While being known as the recycling king of all consumer packaging types, tin packaging has one sustainability disadvantage: its carbon impact. In Europe, coking coal is still used as the main fuel in steel production, which results in relatively high packaging carbon emissions compared to other materials. But the industry is now changing full speed toward new technology advancements.

Steel with a low CO2 intensity is our next important building block en route to sustainable, climate-neutral orientation. With carbon emission-reduced steel production, we've overcome another materials science obstacle to offer customers premium, comprehensively sustainable packaging. The process combines the superior quality and design of our modern tins with sustainable concepts and actions.

We source CO2-reduced material and produce our tins in Switzerland with 100% renewable electricity, while employing our own decarbonization program. By bringing together raw materials, renewable energy and leading expertise, our ultimate goal is to bring emissions down to zero.

Trusted Partners

HOFFMANN
THE TIN



Ricola

What is CO2-reduced steel?

CO2-reduced steel is based on a process where part of the coking coal used in the blast furnace is replaced with already reduced sponge iron. This reduces both the specific emissions released at the steel production site and the CO2 intensity of the steel produced in this way.

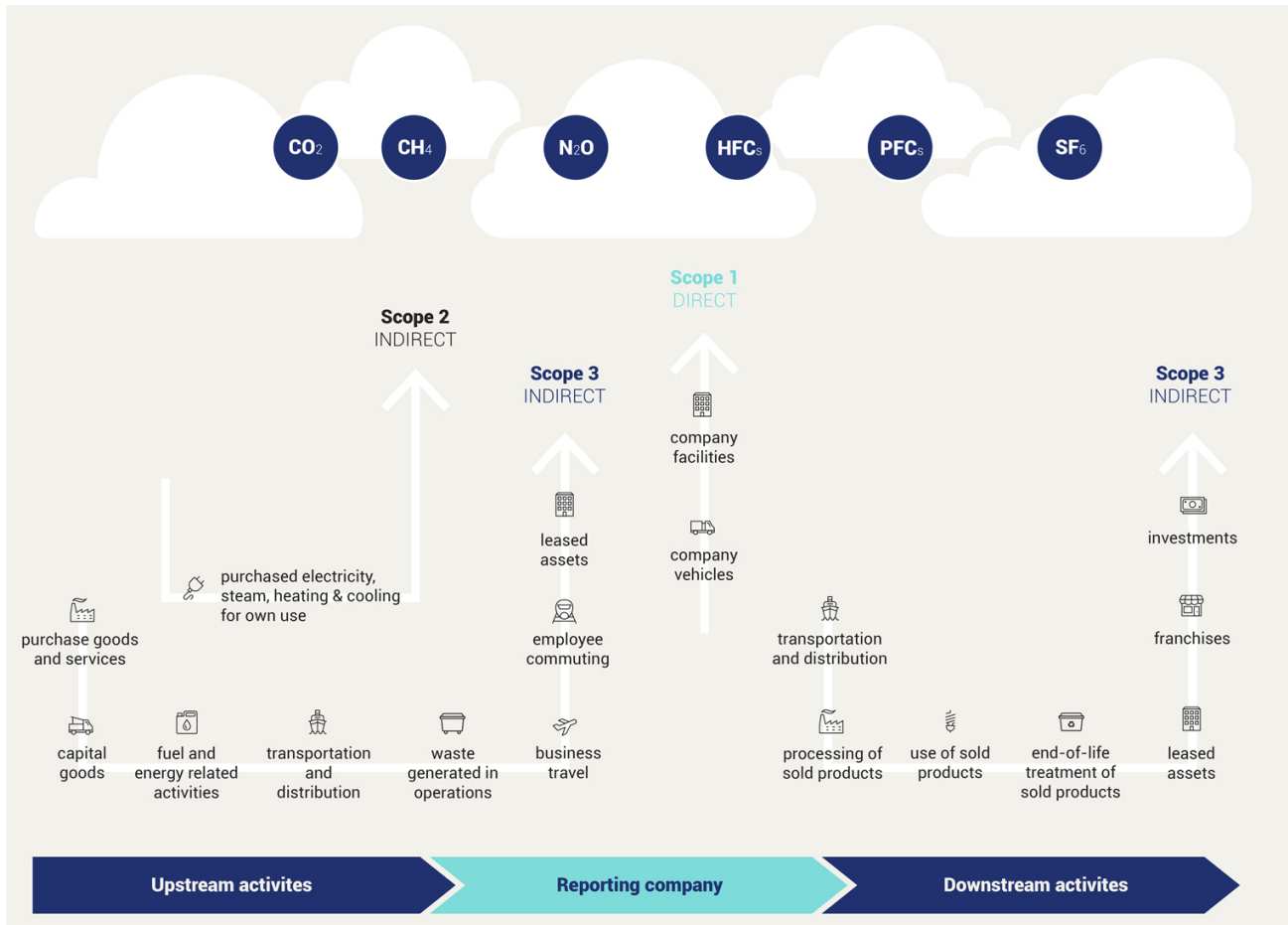
Why using green steel packaging?

- High quality steel made in Europe
- No compensation certificates – real savings!
- Carbon-reduced packaging certified by 3rd party
- Directly applicable to your Scope 3 initiatives (GHG Protocol)

Contribute to your Scope 3 improvements

All of the initiatives we drive in sourcing carbon-reduced material and green production can be applied directly on your Scope 3 **GreenHouse Gas (GHG) Protocol scopes and emissions**. We are still collecting and certifying data, but later this year we will be fully ready to show you the effective carbon impact of your packaging throughout your supply chain.

Overview of GreenHouse Gas (GHG) Protocol scopes and emissions across the value chain



Scope 1 - Direct

Greenhouse gas emissions from sources owned or controlled by your company. (e.g. site fuel combustion, process emissions or fugitive emissions)

Scope 2 - Indirect

Greenhouse gas emissions resulting from the generation of electricity, heat of steam purchased by your company

Scope 3 - Indirect

Greenhouse gas emissions from sources not owned or directly controlled by your company in the value chain. This means, for example, the comprehensive sourcing of steel packaging at Hoffmann and its certified suppliers.

Specifications

MATERIAL

Body, bottom and lid High Quality. Less CO2

TECHNOLOGY

3-piece cans
2-piece cans
Deep-drawn cans
Embossing/Debossing

DECORATION

Direct offset printing with UV-cured colors and varnish

COMPLIANT WITH REGULATIONS

EN food standard