

# PRODUCT CARBON FOOTPRINT



## GWP

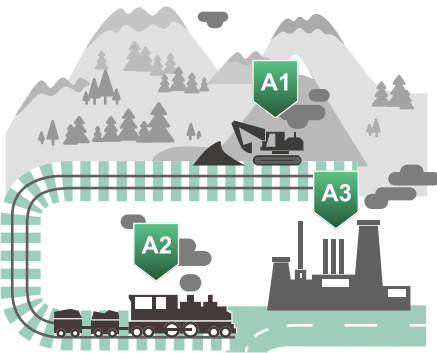
This quantifies a product's contribution towards global warming. This is referred to as carbon footprint, global warming potential and also embodied carbon.

## STANDARDS

These are ISO 14021 self-declared results, calculated according to ISO 14040 and ISO 14044 standards. The results follow ISO 21930/EN 15804+A2.

## SCOPE OF ASSESSMENT

The results have a cradle-to-gate scope, comprising raw materials extraction and supply (A1), transport (A2) and manufacturing (A3).



## CARBON FOOTPRINT

<b>Declared unit</b>	<b>1 tonne</b>
<b>Mass of declared unit (kg)</b>	<b>1000</b>
<b>GWP-fossil, A1-A3 (kg CO<sub>2</sub>e)</b>	<b>5,673E2</b>
<b>GWP-total, A1-A3 (kg CO<sub>2</sub>e)</b>	<b>5,901E2</b>

## MANUFACTURER AND PRODUCT

Manufacturer	Železiarne Podbrezová a. s.
Address	Kolkáreň 35, 976 81 Podbrezová, Slovakia
Website	www.steeltube.sk
Product name	Seamless hot rolled steel tubes
Product reference	
Place of production	Strojárska street 24, Valaská – Piesok, Slovakia
Period for data	2020

## PRODUCT DESCRIPTION

Seamless steel tubes for construction industry - buildings (hollow structural sections)  
 Seamless steel tubes for mechanical engineering and general use  
 Seamless steel tubes for power generation  
 Seamless steel tubes for transportation of flammable substances or water

## SYSTEM BOUNDARY

Product stage			Construction		Use stage							End of life stage				Beyond the system boundary		
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D	D	D
X	X	X						Modules not declared										
Raw materials	Transport to site	Manufacturing	Transport	Construction	Use	Maintenance	Repair	Replacement	Refurbishment	Operational energy	Operational water	Deconstruction	Transport	Waste processing	Disposal	Reuse	Recovery	Recycling