Nexigen®

The next generation of CO₂-reduced steel & metal solutions

kloeckner metals

Your partner for a sustainable tomorrow



OUR AMBITIOUS CLIMATE TARGETS



SCOPE 1 & 2

OWN DIRECT AND INDIRECT EMISSIONS

Reduction of 50 % by 2030

Net zero by 2040

SCOPE 3

UNDER DIRECT **INFLUENCE**

Reduction of 50 % by 2030

Net zero by 2040

SCOPE 3

SUPPLIERS AND CUSTOMERS

Reduction of 30 % by 2030

Net zero by 2050



Carbon neutral starting today

In addition to the reduction measures, offsetting of Scope 1 & 2 emissions from 2022 onwards \rightarrow atmosfair: "Gold Standard" Projects

*The Science Based Targets initiative (SBTi) is a partnership between CDP, the United Nations Global Compact, World Resources Institute (WRI) and the World Wide Fund for Nature (WWF) that drives ambitious climate action in the private sector by enabling organizations to set science-based emission reduction targets.





NEXIGEN® STEEL CATEGORISATIONSix categorisations for transparent carbon emissions

We have developed a categorisation for CO_2 -reduced steel so that customers can directly see the carbon footprint of their purchased product.



Emission in kg CO₂ / t steel

WE'VE COME A LONG WAY IN 2022 ...

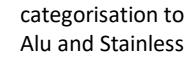
AND THERE'S MORE IN 2023



Announced our CO₂-reduced steel categorisation



Launched new Nexigen[®] brand for CO₂reduced steel & metal solutions



Extended our





Product Carbon Footprint (PCF)





Launch of the Nexigen® **PCF Algorithm**, enabling us to calculate the individualised PCF for all 200,000 products



PCF Declaration available for all purchases (CO₂-reduced and gray steel)



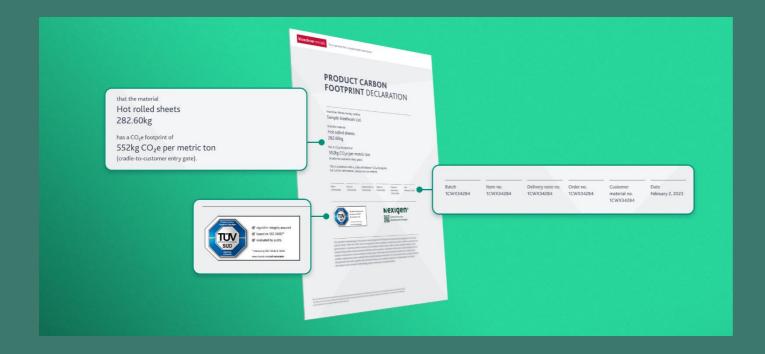
OTHERS REMAIN ON THE SURFACE ...



- ✓ Individualised Product Carbon Footprints (PCF)
 Coils, sections, sheets, profiles, ... for gray and CO₂-reduced products
- ✓ Complete emissions

 From cradle until the product reaches your gates
- ✓ Externally certified
 TÜV SÜD validated methodology according to ISO 14067, ref.
 14040 & 14044, and in line with GHG Protocol

Nexigen® PCFAlgorithm



✓ Developed by Klöckner & Co

 ✓ Product carbon footprint (cradle-to-customer entry gate), accurate to the kilogram

✓ Unique identifiers of your specific delivery

✓ Externally validated methodology

WE ARE HERE FOR YOU.

With more than 700 experts from all national companies, we can support you in the purchase of CO₂-reduced products & services and provide detailed answers to your questions.



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