

## Press release

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### **Klöckner & Co takes next step and introduces Nexigen® Data Services for smart, digital management of CO<sub>2</sub> product emissions**

- Thanks to the innovative Nexigen® Data Services technology solution, customers will be able to view their CO<sub>2</sub> emissions history, including all products they have already purchased from Klöckner & Co, at a glance
- Data software offers customers suggestions for greener alternative products and ways to potentially reduce CO<sub>2</sub> emissions compared to previous orders
- Customers have the opportunity to reduce their product emissions in a targeted, transparent and reliable way
- Increased transparency in terms of the product carbon footprint (PCF) and the individual CO<sub>2</sub> emissions of a steel product through the use of blockchain technology and the creation of a CO<sub>2</sub> Passport

**Duisburg, Germany, June 26, 2023** – Just a few months after launching the Nexigen® PCF Algorithm for calculating individualized product carbon footprints (PCFs), Klöckner & Co is taking another decisive step towards the decarbonization of the steel industry: starting immediately, customers can manage their product emissions intelligently and digitally with the Nexigen® Data Services technology solution. In addition to insights into the CO<sub>2</sub> emissions history of the products they have already purchased from Klöckner & Co, the tool suggests greener alternatives to these products and illustrates the corresponding potential for emissions reduction. With this tool, Klöckner & Co is once again helping its customers establish more sustainable value chains and reach their decarbonization targets. Moreover, Nexigen® Data Services visualizes the CO<sub>2</sub> emissions of a steel product along the entire value chain by means of a CO<sub>2</sub> Passport, which is easy to trace and cannot be altered thanks to the use of blockchain technology. This offers customers a visual overview of the amount of CO<sub>2</sub> emissions (cradle to gate) generated by any individual Klöckner product – from raw material extraction to production all the way to processing, storage, and transport. In this way, Klöckner & Co is further expanding its pioneering role in the transformation of the steel industry.

Guido Kerkhoff, CEO of Klöckner & Co SE: “With the Nexigen<sup>®</sup> PCF Algorithm, we began offering our customers individualized product carbon footprints for nearly all of our 200,000 products at the beginning of the year. Now, with Nexigen<sup>®</sup> Data Services, we can offer them even greater transparency and innovative, strategic management of their product-related CO<sub>2</sub> emissions. Starting immediately, they can actively manage the carbon footprint of their products together with us and receive recommendations for greener alternative products. In this way, we are helping our customers reach their decarbonization targets and manufacture more sustainable products.”

The technology solution Nexigen<sup>®</sup> Data Services was developed in-house by Klöckner & Co. It was built on the basis of the Nexigen<sup>®</sup> PCF Algorithm’s emissions calculation method, which has been certified by TÜV SÜD. Furthermore, when developing its latest technology solution, Klöckner & Co used Polkadot – an open blockchain technology that is the most energy-efficient one compared to other blockchains. Moreover, the use of this innovative technology allows for a high degree of data integrity and resiliency against outages as well as gapless transparency along the entire value chain, while at the same time raising the bar for CO<sub>2</sub> emissions tracking in the steel industry. Klöckner & Co customers can use Nexigen<sup>®</sup> Data Services to trace the exact origin of their emissions and take targeted steps to reduce them. The high level of data integrity ensures that the emissions information is consistently reliable and verifiable, allowing for more trustworthy and precise analysis. Customers who are greening their future supply chains with the help of Nexigen<sup>®</sup> Data Services and want to receive regular updates about the latest Nexigen<sup>®</sup> Data Services functions can sign up using the contact form at [www.kloeckner.com](http://www.kloeckner.com).

With Nexigen<sup>®</sup> Data Services, Klöckner & Co is expanding its range of carbon-reduced solutions, thereby responding to growing demand among its customers and partners to receive transparent information on the total carbon footprint of the products they order.

## **About Klöckner & Co:**

Klöckner & Co is one of the largest producer-independent distributors of steel and metal products and one of the leading steel service companies worldwide. Based on its distribution and service network of around 150 sites in 13 countries, Klöckner & Co supplies more than 90,000 customers. Currently, the Group has around 7,200 employees. Klöckner & Co had sales of some €9.4 billion in fiscal year 2022. With the expansion of its portfolio of CO<sub>2</sub>-reduced materials, services and logistics options under the new Nexigen® umbrella brand, the company is underscoring its role as a pioneer of a sustainable steel industry. At the same time, Klöckner & Co leads the way in the steel industry's digital transformation and has set itself the target of digitalizing and largely automating its supply and service chain. In this way, the Company aims to develop into the leading one-stop shop for steel, other materials, equipment and processing services in Europe and the Americas.

The shares of Klöckner & Co SE are admitted to trading on the regulated market segment (Regulierter Markt) of the Frankfurt Stock Exchange (Frankfurter Wertpapierbörse) with further post-admission obligations (Prime Standard). Klöckner & Co shares are listed in the SDAX® index of Deutsche Börse.

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