

# Business Reporter: How digital technologies leverage sustainability in manufacturing

*Sustainable manufacturing, driven by technological innovation, brings business and efficiency.*

LONDON, UNITED KINGDOM, May 27, 2021 /EINPresswire.com/ -- Dr Dirk Holbach, Chief Supply Chain Officer Laundry and Home Care at Henkel, is clear about the importance of a sustainable supply chain. "The transformation towards a circular economy, and our goal to become climate-positive by 2040, can only be achieved if we join forces along the entire value chain."

In an article and video published on Business Reporter, Dr Holbach describes how Henkel is focussed on sustainable manufacturing. Henkel's Laundry & Home Care business unit has achieved a 65% reduction in energy use over the past 15 years. "This represents 3.5 million tons of CO2," he says.

Looking for energy sources that produce less CO2 is one focus. But more important is the drive towards reducing energy consumption during manufacturing. The company has implemented a cloud-based digital platform to leverage sustainability across the supply chain. Through its digital ecosystem the company can benchmark manufacturing processes in a highly granular fashion, comparing different sites, different machines, and even different machine types. The so-called "Digital Backbone" uses more than 4000 sensors distributed throughout the supply chain. These feed a billion pieces of data into their analytics system every day. This data enables energy consumption to be optimised and water and waste parameters to be analysed. The result is that safety, manufacturing efficiency and quality performance in Henkel's production facilities are constantly enhanced.

With Industry 4.0 technologies and machine learning algorithms the company identifies more opportunities to run processes optimally. Henkel's aim is to deliver constant sustainability improvements as they move forward.

To learn more about sustainable manufacturing, [read the article](#).

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•• About Henkel ••

Henkel operates globally with a well-balanced and diversified portfolio. The company holds leading positions with its three business units in both industrial and consumer businesses thanks to strong brands, innovations and technologies. Henkel Adhesive Technologies is the global leader in the adhesives market – across all industry segments worldwide. In its Laundry & Home Care and Beauty Care businesses, Henkel holds leading positions in many markets and categories around the world. Founded in 1876, Henkel looks back on more than 140 years of success. In 2020, Henkel reported sales of more than 19 billion euros and adjusted operating profit of about 2.6 billion euros. Henkel employs about 53,000 people globally – a passionate and highly diverse team, united by a strong company culture, a common purpose to create sustainable value, and shared values. As a recognized leader in sustainability, Henkel holds top positions in many international indices and rankings. Henkel's preferred shares are listed in the German stock index DAX.

For more information, please visit [www.henkel.com](http://www.henkel.com).

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Press

+44 20 8349 4363

[email us here](#)

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