

## Press Release

# Evonik and VoltH2 forge long-term partnership to pioneer green hydrogen in Delfzijl

- VoltH2 to build 50 MW electrolyzer to supply Evonik with green hydrogen on-site
- Partners to offer hydrogen to further customers through new tube trailer filling station
- Project represents milestone in Evonik's sustainability agenda and boosts VoltH2's industrial network

**Delfzijl, Netherlands.** Evonik has signed a term sheet with Dutch company VoltH2 to advance green hydrogen production at the Delfzijl chemical park. According to the agreement, VoltH2 will construct a 50 MW electrolyzer near Evonik's hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>) plant. Evonik will then source a significant portion of its hydrogen demand from the electrolyzer, which will start operations at the end of 2027. The facility will be the first green hydrogen water electrolysis plant at an industrial scale in the North of the Netherlands.

For the interim, Evonik's remaining hydrogen needs will continue to be provided by its own conventional on-site hydrogen production. This solution will ensure uninterrupted supply until green hydrogen capacity grows to fully cover demand at all times. VoltH2 will also construct a tube trailer filling station on Evonik's premises. The hydrogen in tube trailers will be made available to VoltH2's other customers around the clock.

The collaboration aims not only to forward Evonik's own sustainability agenda, but also to form, together with VoltH2, the nucleus of a wider hydrogen network at this important industrial hub.

Evonik Peroxide Netherlands Managing Director Peter Metten explains: "We want to switch our production over entirely to renewable resources. By introducing green hydrogen at the Delfzijl plant, we are taking a significant step toward this goal."

30 January 2025

### Press contacts Evonik

**Nikki Eggers**  
Head of Market Communications  
Active Oxygens business line  
Phone +49 6181 59-12013  
nikki.eggers@evonik.com

**Nina Peck**  
Head of Market Communications  
Smart Materials division  
Phone +49 201 177-2223  
nina.peck@evonik.com

### Press contacts VoltH2

**André Jurres**  
Managing Director  
VoltH2  
Phone +32 475 23 85 49  
ajurres@volth2.com

**Sybil Van Torre**  
Communications  
VoltH2  
Phone +32 498 86 72 00  
sybilvantorre@cantilis.be

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That's because producing H<sub>2</sub>O<sub>2</sub> requires three critical resources: electricity, steam, and hydrogen. Finding sustainable solutions for the first two is more straightforward. Sourcing green hydrogen is the tricky part. Fortunately, we have found in VoltH2 a partner that has the local resources, technical know-how, and vision to optimally collaborate on a cleaner, greener industry."

André Jurrens, VoltH2 Founder and Managing Director, emphasizes the importance of Delfzijl's unique position in the emerging green hydrogen economy: "Thanks to this systems-integrated approach, large industrial companies like Evonik are demonstrating how to optimize the use of sustainable electricity and its natural allies, such as green hydrogen production. The long-term commitment of Evonik and VoltH2 shows the feasibility of achieving significant carbon emission reductions on a large scale in the coming years."

"This is an example of how collaboration is the key to sustainable transformation," adds Christoph Batz-Sohn, Director of Sustainable Transformation at Evonik's Active Oxygens business line. "A greener future will require the combined expertise and commitment of players across sectors and industries. Ideally, this joint initiative with VoltH2 will set an example for further such partnerships at our other production sites around the globe."

The Active Oxygens business line has already implemented wide-reaching measures to slash emissions from its footprint. By the end of 2024, for example, 90% of the electricity used in its production was sourced from renewables. Options to construct a large heat pump at Delfzijl for steam generation are currently being explored. The business line is also pursuing solutions for green hydrogen at a number of its sites.

Learn more about Evonik Active Oxygens' sustainability strategy at: [evonik.click/way2go2](https://evonik.click/way2go2)

Learn about how VoltH2 aims to expand the uptake of green hydrogen: [en.volth2.com/over-volth2](https://en.volth2.com/over-volth2)

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### About Evonik

Evonik is one of the world leaders in specialty chemicals. The company is active in more than 100 countries around the world and generated sales of €15.3 billion and an operating profit (adjusted EBITDA) of €1.66 billion in 2023. Evonik goes far beyond chemistry to create innovative, profitable, and sustainable solutions for customers. About 32,000 employees work together for a common purpose: We want to improve life today and tomorrow.

### About VoltH2

VoltH2 is committed to developing and operating green hydrogen plants in Europe. The company focuses exclusively on the large-scale production of green hydrogen. This hydrogen is intended for use by local industry and the transport sector.

Two production facilities are being developed in Vlissingen and Terneuzen in the Netherlands. These plants are already licensed and are expected to be operational in 2027. Further plants are currently under development in Wilhelmshaven, Essen, and Gelsenkirchen in Germany, as well as in Delfzijl in the Netherlands. With these six current locations, VoltH2 has a portfolio with a potential production capacity of over 500 MW.

VoltH2 is a collaboration between Volt Energy, founded by André Jurres, Virya Energy, and CVC DIF.

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