

Press release - Business News

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Bekaert invests further in electrolysis technologies for green hydrogen production

Driven by the opportunities arising from the energy transition and decarbonization trends, Bekaert has established a clear growth strategy in green hydrogen production.

As part of this strategy, today Bekaert announces an equity investment of 5 million USD in Ionomr Innovations. Headquartered in Vancouver, Canada, Ionomr Innovations is a leader in the development and commercialization of advanced proton- and anion exchange membranes in electrolyzers for green hydrogen production. There has been extensive collaboration between both companies, primarily focused on the development of AEM electrolyzer components.

Ionomr Innovations is backed by a number of important investors including Shell, Chevron, Samsung, Asahi Kasei, several other industrial groups and venture capitalist investors. The equity investment by Bekaert will support the further expansion of Ionomr's R&D capabilities in Rochester, US and the development of production capacity to serve Ionomr's customers.

Bekaert has established a technology and market leadership position in porous transport layers for both PEM and AEM electrolyzers with the brandname Currento®. The company has invested in the development of next generations of innovative solutions for green hydrogen production, and is expanding its production to multiple GW capacity.

"Bekaert is committed to developing green and sustainable solutions for customers, with a particular focus on improving the performance of key components necessary for the electrolysis needs of the future", said Inge Schildermans, SVP Energy Transition at Bekaert. "We want to contribute to accelerating the innovation and scale-up of advanced solutions in our ecosystem. This will make the vision of a global hydrogen economy a near-term reality, and we see Ionomr Innovations as a key contributor to that reality."

"We are delighted to welcome Bekaert to our consortium of strategic investors," said Bill Haberlin, CEO of Ionomr Innovations. "Bekaert's leadership in hydrogen components' development and commitment to the advancement of green hydrogen aligns with Ionomr's own vision to decarbonize the planet with radical advancements in hydrogen materials development. We are in good company on the path to a more affordable green hydrogen economy."

About Ionomr Innovations

Ionomr Innovations is revolutionizing electrochemistry with newly developed ion-exchange membranes and polymers for clean energy. Ionomr's Pemion® and Aemion® technologies provide cost, performance and sustainability advantages for fuel cells, hydrogen production and carbon capture, use and conversion. Leveraging technology developed at Simon Fraser University, Ionomr was founded in 2018 and employs 51 professionals in Vancouver, Canada and Rochester, USA.

For more information about how Ionomr is helping to advance the clean energy economy, visit www.ionomr.com.

About Bekaert

Bekaert's ambition is to be the leading partner for shaping the way we live and move, and to always do this in a way that is safe, smart, and sustainable. As a global market and technology leader in material science of steel wire transformation and coating technologies, Bekaert (bekaert.com) also applies its expertise beyond steel to create new solutions with innovative materials and services for markets including new mobility, low-carbon construction, and green energy. Founded in 1880, with its headquarters in Belgium, Bekaert (Euronext Brussels, BEKB) is a global company whose 27 000 employees worldwide together generated almost € 7 billion in combined revenue in 2022.

About Bekaert Hydrogen

Bekaert's ultrathin metal fiber porous media are used as porous transport layers enhancing the durability and performance of electrochemical devices such as water electrolyzers for the production of green hydrogen. Bekaert has established a technology and market leadership position in Porous Transport Layers (PTL) for both PEM and AEM electrolyzers with the brandname [Currento®](#). The company invests in the development of next generations of innovative solutions for green hydrogen production as well as in expanding its production footprint to multiple GW capacity over the coming years.

More information on Bekaert's technology leadership in solutions for green hydrogen production

- [17 April 2023](#): Bekaert expands manufacturing and research capacity in electrolysis technologies for green hydrogen production
- [17-21 April 2023](#): Bekaert exhibits at Hannover Messe in Hall 13: [Hydrogen and Fuel Cells](#)
- [22 March 2023](#): Bekaert joins Solar Impulse Foundation as a partner to advance sustainability efforts
- January 2023: Bekaert became a member of Hydrogen Europe
- [Bekaert Website: Currento® PTL](#) for hydrogen production
- Bekaert is a partner of ECO2Fuel
- [22 September 2022](#): Bekaert concludes partnership with Pajarito Powder, Albuquerque, US, to accelerate the development of spearheading innovations in the market of green hydrogen production
- [26 April 2022](#): JM, Bekaert, TNO and Schaeffler partner to boost the efficiency of renewable hydrogen production
- [31 May 2021](#): Flemish expertise centers join forces with industry to push green hydrogen production forward

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Investor Relations

Guy Marks

T +32 56 76 74 73

E-mail: guy.marks@bekaert.com

Press & Media

Katelijin Bohez

T +32 56 76 66 10

E-mail: katelijin.bohez@bekaert.com

bekaert.com