

SolydEra and Convion to jointly address growth in fuel-cell and hydrogen market

Pergine Valsugana (Italy) and Espoo (Finland), September 25th 2023

SolydEra and Convion announced today that they have entered into a global strategic partnership.

The agreement brings together SolydEra's industry leading solid oxide technology and Convion's flexible power generation and hydrogen production systems' technology.

The energy sector plays a strategic role in every aspect of business. With a constant electricity demand rising, companies recognize the need to adopt more efficient and greener solutions to ensure competitiveness and proceed rapidly on the critical pathway towards the Net Zero emissions.

"Proven fuel cell power and hydrogen generation technologies are in huge demand. The gas to power generation (SOFC) market is expected to grow fast to 800bn already in 2040 and rapid growth thereafter. The Green hydrogen market is expected to reach 800bn already ten years later." Martin Füllenbach, SolydEra's Chairman and CEO explains. "Our partnership brings together market efficient solutions suitable for large commercial and industrial applications, both for gas to power generation (SOFC) and Hydrogen generation (SOE)", adds Füllenbach.

"We are excited to partner with SolydEra to commercialize our innovative SOC systems together with such a highly recognized company in this field." comments Erkki Fontell, CEO and co-founder of Convion. "This collaboration aligns perfectly with our technology and partnering strategies and will accelerate growth for both parties. Convion is committed to providing highly efficient and reliable solutions to power generation and hydrogen production markets. Through the partnership with SolydEra we look forward to serving our customers with increased delivery capacity and with a unique combination of Convion systems technologies and the SolydEra's SOC stacks." explains Mr. Fontell.

ABOUT SolydEra:

SolydEra is a key world player in the market of Solid Oxide Cells, Stacks and Solutions, with an annual production capacity of 25MW SOFC (75MW SOE) on its industrial site in Pergine Valsugana, Italy. Its Solid Oxide Technology has a proven track record in the field and delivers best in class performance and durability in both fuel cell and electrolysis mode. The highly efficient solid oxide stacks can be integrated into systems from a few kW to MW sizes. The company has research & development and industrial manufacturing facilities in Italy, Switzerland and Australia. Its headquarters is in Trentino Alto Adige, Italy.

The company is currently investing in all three of its business areas (Gas-to-Power, Power-to-gas and Power-to-power) to strengthen the technological base of all its related products with life-time improvement, stack cost reduction and overall growth preparation. Read more: www.solydEra.com

ABOUT Convion:

Established in 2012, Convion Ltd. is a leading fuel cell system developer commercializing solid oxide fuel cell systems for distributed power generation and hydrogen production in industrial and commercial applications. Our patented technology platform based on solid oxide fuel cells (SOC) products are designed for premium energy efficiency, reliability and operational flexibility. Convion provides its customers with sustainable power generation and hydrogen solutions for power security, energy independence and unparalleled fuel economy. Convion supports sustainable energy transition with high temperature electrochemical solutions. Solid oxide fuel cells at the heart of our power generating products are ideal for distributed power generation. Read more: www.convion.fi.

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