SolydEra We stack it.

PRESS KIT

Corporate profile, key facts and media resources | September 2026



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SolydEra at a glance

SolydEra develops and manufactures advanced solid oxide cells, stacks, modules and solutions for efficient power generation and hydrogen production. The company combines more than two decades of technology expertise with industrial manufacturing capabilities and an international R&D network.

Its solid oxide platform can operate in fuel cell mode to generate electricity and heat and in electrolysis mode to produce hydrogen. Reversible configurations allow the same technological platform to respond flexibly to changing energy needs.

20+	3,000+	100 GWh+	~100m	150
years of solid oxide expertise	systems installed worldwide	electricity generated	operating hours	granted patents

Company fact sheet

Company name	SolydEra SpA
Headquarters	Via ai Manfredi 24, Frazione Cirè, 38057 Pergine Valsugana (TN), Italy
Business	Solid oxide cells, stacks, modules, subsystems and integrated solutions
Technology modes	SOFC power generation; SOEC hydrogen production; reversible solid oxide systems
Main applications	Distributed power, data centres and critical infrastructure, industrial power and heat, hydrogen production, energy conversion and storage, synthetic fuels
International footprint	Italy, Switzerland and Australia
R&D centres	Mezzolombardo (Italy), Yverdon-les-Bains (Switzerland), Dandenong/Melbourne (Australia)
Manufacturing	Automated production, testing and assembly in Italy; annual capacity up to 1 million cells and 25 stacks per day
Website	www.solydera.com

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One technology, two directions

Gas-to-Power | SOFC

Solid oxide fuel cells convert gaseous fuels into electricity and usable heat with high efficiency. The technology is suited to continuous, reliable and modular power generation.

Power-to-Gas | SOEC

Solid oxide electrolysis uses electricity and steam to produce hydrogen with high conversion efficiency, supporting industrial decarbonisation and the integration of renewable energy.

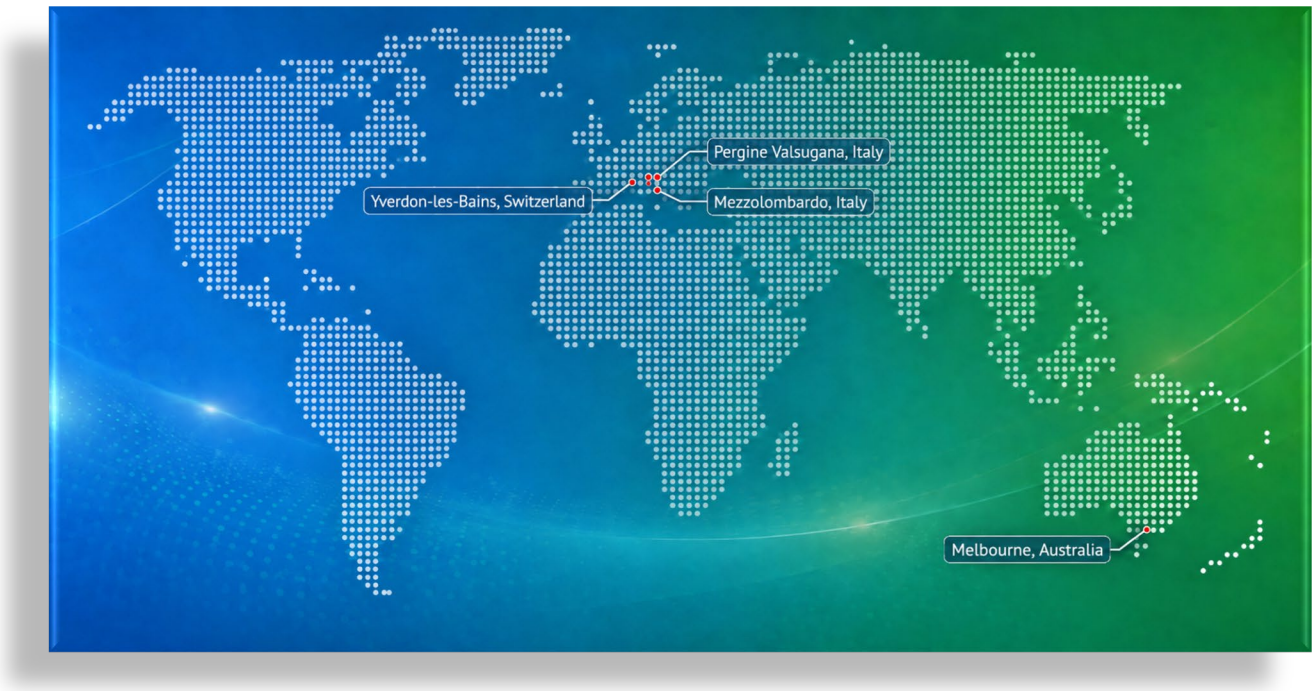
Why solid oxide technology matters

- High electrical efficiency and the possibility of combined heat and power.
- Fuel flexibility, including natural gas, biogas, biomethane and hydrogen-rich fuels, depending on system configuration.
- Modular architecture that can be adapted to different power levels and applications.
- Reversible operation for both power generation and hydrogen production.
- Low local emissions, quiet operation and limited moving parts in the electrochemical core.

Markets and applications

Distributed and industrial power	Efficient on-site electricity and heat for industrial and commercial users.
Data centres and critical infrastructure	Reliable, modular power solutions designed to support continuity, resilience and reduced dependence on constrained grids.
Hydrogen production	High-efficiency electrolysis for industrial hydrogen, e-fuels and integrated energy systems.
Reversible energy systems	Flexible conversion between molecules and electricity to support renewable integration and energy storage strategies.

Industrial and international footprint



SolydEra production facility | © SolydEra

Headquarters and automated manufacturing activities are located in Pergine Valsugana, in Trentino-Alto Adige. The company also operates a technology and pilot facility in Mezzolombardo and subsidiaries and R&D activities in Switzerland and Australia.

- Pergine Valsugana, Italy - Headquarters and automated manufacturing
- Mezzolombardo, Italy - R&D, pilot production and testing
- Yverdon-les-Bains, Switzerland - subsidiary and R&D
- Dandenong/Melbourne, Australia - subsidiary and R&D

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Company history

Early 2000s	Technology foundations developed through research activities in Switzerland and Italy.
2008	First fuel cell production facility established in Mezzolombardo.
2009	First micro combined heat and power system successfully tested.
2013-2014	Expansion of the Italian facility, creation of SOLIDpower and acquisition of Ceramic Fuel Cells activities in Germany.
2020	Start-up of the automated manufacturing plant in Pergine Valsugana.
2022	The company adopts the SolydEra name to reflect its role in a new era of energy.
Today	SolydEra develops solid oxide platforms for power generation, hydrogen production and reversible energy systems with an international network of customers and partners.

Corporate Governance

SolydEra S.p.A. is governed by a Board of Directors that supports the strategic direction of the Group and oversees its long-term development and growth.

The Group's operations are led by the management team under **CEO Dr. Alexander Liberov**, bringing together international expertise across the industrial, energy, technology and financial sectors.

Leadership



Dr. Alexander Liberov

Chief Executive Officer

Alexander Liberov brings more than twenty years of international leadership experience across energy, industrial operations, business development, finance, sales, service and M&A. Before joining SolydEra, he held senior management roles at Siemens in Europe, the United States and Asia-Pacific, including regional CFO and President & CEO responsibilities. He combines strategic leadership with extensive experience in industrial transformation and international growth.

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Management team

- Massimo Bertoldi - Group CTO and General Manager Italy
- Mats Christer Pramborn - Chief Financial Officer
- Alexandre Closset - Head of Business Development & Engineering
- Olga Luzik - Chief Operations Officer
- Fabio Lui - Head of Legal

Approved company boilerplates

Short boilerplate - approx. 50 words

SolydEra develops and manufactures advanced solid oxide cells, stacks and solutions for efficient power generation and hydrogen production. With more than two decades of technology expertise and operations in Italy, Switzerland and Australia, the company supports customers in building cleaner, more efficient and resilient energy systems.

Medium boilerplate - approx. 90 words

SolydEra is a leading international player in solid oxide technology, developing and manufacturing cells, stacks, modules and solutions for efficient power generation and hydrogen production. Its technology platform operates in fuel cell, electrolysis and reversible modes, enabling flexible applications across distributed power, industrial energy, data centres, critical infrastructure and hydrogen. SolydEra combines more than two decades of experience with automated manufacturing capabilities and R&D activities in Italy, Switzerland and Australia.

Extended boilerplate - approx. 150 words

SolydEra is a key international player in the market for solid oxide cells, stacks, modules and solutions. Its technology, developed over more than two decades, enables highly efficient power generation in fuel cell mode and hydrogen production in electrolysis mode, with reversible configurations supporting flexible energy conversion. The company serves industrial and commercial applications including distributed power, data centres and critical infrastructure, industrial heat and power, hydrogen and synthetic fuels. SolydEra operates automated manufacturing and testing facilities in Italy and an international R&D network across Italy, Switzerland and Australia. With more than 3,000 systems installed worldwide, over 100 GWh of electricity generated, nearly 100 million operating hours and 150 granted patents, SolydEra combines proven field experience, industrial capability and continuous innovation to support the transition toward cleaner, more resilient and efficient energy systems.

Media resources

- Corporate logos in PNG format, with and without the “We stack it.” tagline.
- Corporate, production and R&D photographs for editorial use.
- CEO portrait and short biography.
- Company profile, fact sheet and approved boilerplates.
- Press releases and corporate videos available in the Press Area and Media Centre on solydera.com.

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Recommended editorial usage note

Materials may be used for editorial purposes in connection with SolydEra. Please retain image credits, do not alter the proportions or colours of the logo and contact Media Relations for additional formats, high-resolution files or interview requests.

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