Hydrogen systems

HYDROALP

BM GROUP

COMPANY OVERVIEW

The **Alps**, Europe's most important mountain range, not only enchant with their imposing peaks, forests, and breathtaking landscapes, but also represent a rich **history**, **tradition**, and **experience**. Besides being a symbol of unspoilt **nature**, they are also an example of **technology** and **innovation** in the virtuous use of renewable energy sources, such as hydropower, photovoltaics, and wind power.

Hydroalp, an EPC contractor in the **renewable energy** sector, was born in 2015, inspired by the Alps for the values of **innovation**, **sustainability**, and **integration** that they represent. These values can contribute to the **sustainable development** of energy resources, preserving and enhancing the environment for **future generations**.

MISSION

Hydroalp's mission is to drive the transformation towards a **sustainable future** by providing comprehensive and innovative renewable energy solutions. Through our **experience**, **expertise**, and **passion**, we are committed to maximising value for our customers, reducing environmental impact, and contributing to climate change mitigation.

VISION

Inspired by the **beauty** and **power** of the Alps and guided by our core values of **sustainability**, **integrity**, **innovation**, and **collaboration**, we believe in renewable energy as a means to create a better future and a better world for present and **future generations**.

UNI EN ISO 9001:2015
UNI EN ISO 14001:2015
UNI ISO 45001:2018

Hydroalp

www.hydroalp.com | in

Registered HQ:
Via Roma 151,38083 Borgo Chiese - TN - ITALY

Administrative & Operational HQ:
Via Bosca del Pomo 37, 24062 Costa Volpino BG - ITALY
+39 0444 18 000 20

North America
9000 Clay Road, Suite 110.
Houston, TX 77080

South America
Av. Ireno da Silva Venâncio,199 Protestantes, Votorantim, Brazil

Mexico
Calle José Maria Olloqui 189 - 4, Colonia Acacias, Delegacion Benito Juarez CP03240, CDMX

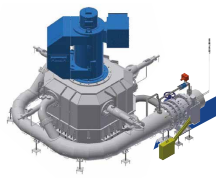
Korea
#Na-925, Skypolis BLDG, 834, MangWol-Dong, HanNam-Si, GyeongGi-Do, 12902, Korea

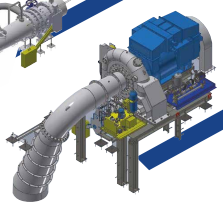
Reduction of CH4 consumption of 500,000 Scm and CO2 emissions equal to 992.2 t/year

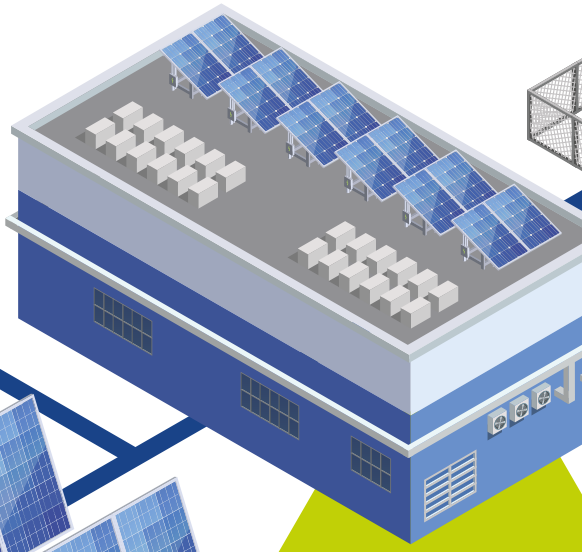
Riduzione dei consumi di CH4 di 500.000 Smc ed emissioni di CO2 pari a 992,2 t/anno

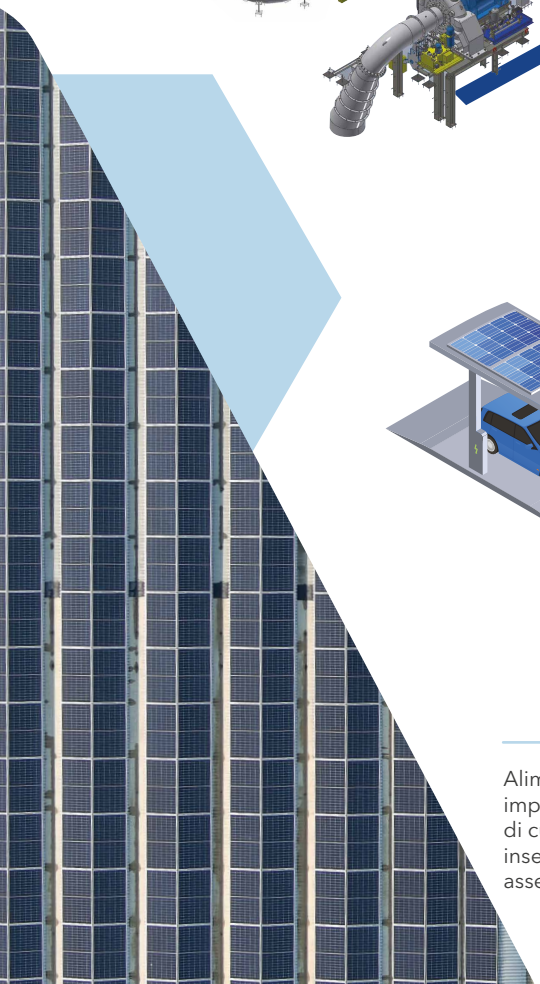
Réduction de la consommation de CH4 de 500 000 Scm et des émissions de CO2 égales à 992,2 t/an

Reducción del consumo de CH4 de 500.000 Scm y de las emisiones de CO2 de 992,2 t/año







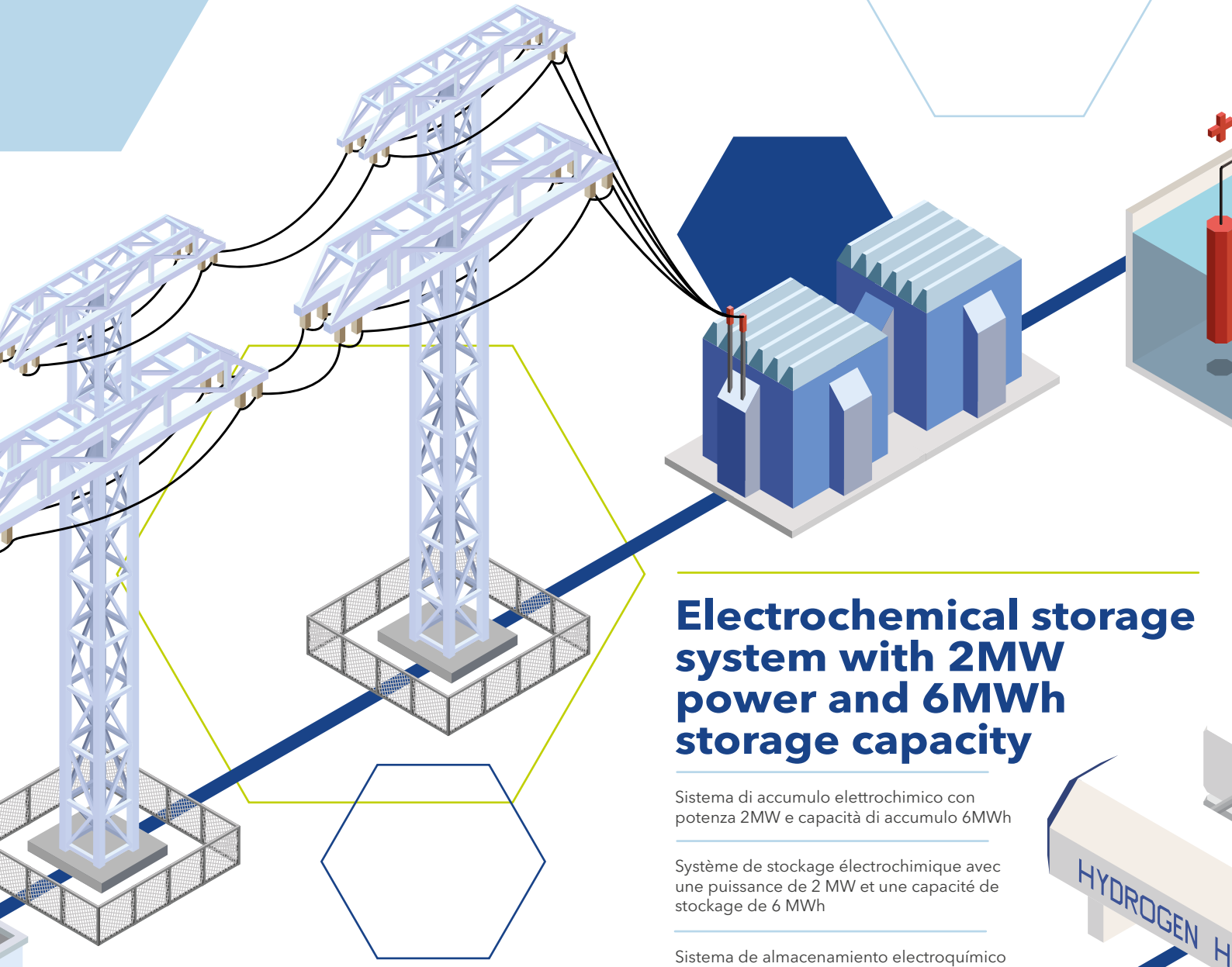


Power supply from photovoltaic systems, 2 of which with single axis tracking

Alimentazione da impianti fotovoltaici di cui 2 con inseguimento ad asse singolo.

Alimentation à partir de systèmes photovoltaïques, dont 2 avec suivi d'axe unique.

Fuente de alimentación de sistemas fotovoltaicos, 2 de los cuales con seguimiento de un solo eje.



Electrochemical storage system with 2MW power and 6MWh storage capacity

Sistema di accumulo elettrochimico con potenza 2MW e capacità di accumulo 6MWh

Système de stockage électrochimique avec une puissance de 2 MW et une capacité de stockage de 6 MWh

Sistema de almacenamiento electroquímico con 2MW de potencia y 6MWh de capacidad de almacenamiento

Completely on-site hydrogen consumption, for industrial purposes, 3 companies

Consumo di idrogeno completamente in loco, per scopi industriali, 3 società.

Consommation d'hydrogène entièrement sur site, à des fins industrielles, 3 entreprises.

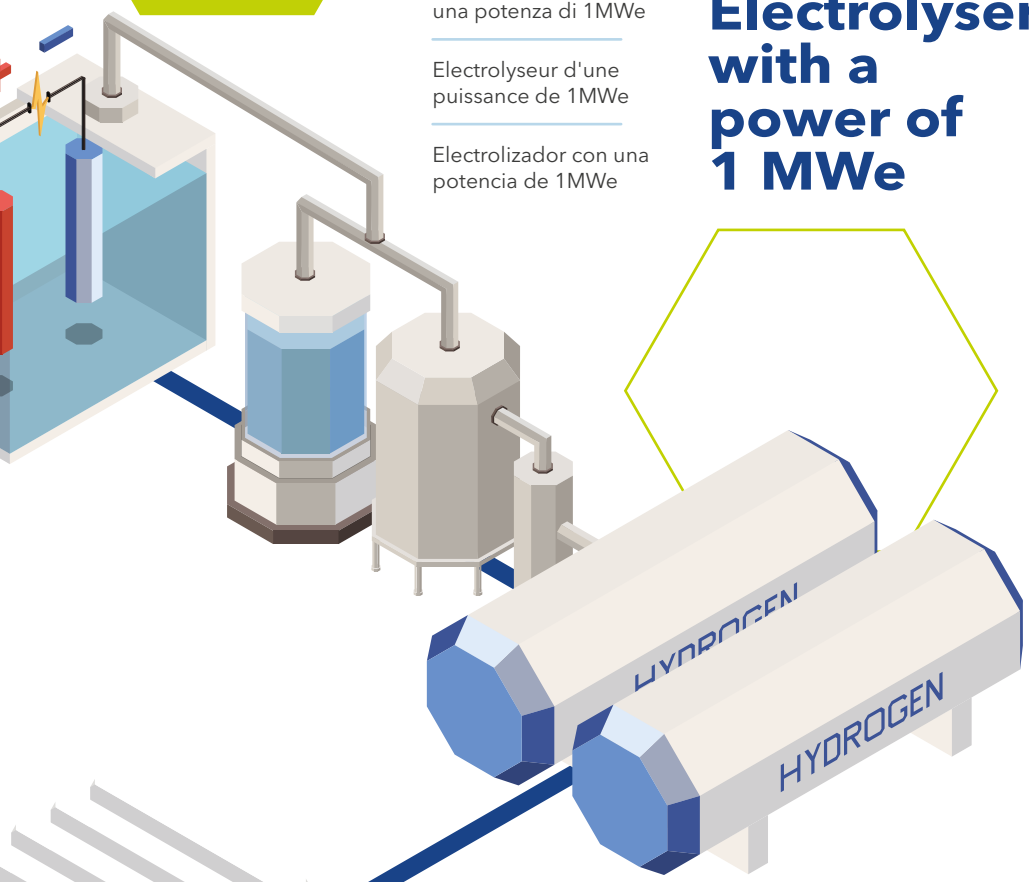
Consumo de hidrógeno íntegramente in situ, con fines industriales, 3 empresas.

Elettrolizzatore con una potenza di 1MWe

Electrolyseur d'une puissance de 1MWe

Electrolizador con una potencia de 1MWe

Electrolyser with a power of 1 MWe



Steady state hydrogen production equal to 143.3 tH2/year and 532.4 tO2/year

Produzione di idrogeno allo stato stazionario pari a 143,3 tH2/anno e 532,4 tO2/anno

Production d'hydrogène en régime permanent égale à 143,3 tH2/an et 532,4 tO2/an

Producción de hidrógeno en estado estacionario igual a 143,3 tH2/año y 532,4 tO2/año

Total power of about 4.4 MWp and expected producibility of about 4.4 GWh/y

Potenza complessiva di circa 4,4 MWp e producibilità attesa di circa 4,4 GWh/a

Puissance totale d'environ 4,4 MWc et productibilité attendue d'environ 4,4 GWh/an

Potencia total de alrededor de 4,4 MWp y producibilidad esperada de alrededor de 4,4 GWh/a

www.hydroalp.com

HYDROALP | BM GROUP

in www.hydroalp.com