



MYTILINEOS

SUSTAINABLE ENGINEERING SOLUTIONS BUSINESS UNIT

Power-to-X and Green Hydrogen End-to-End Solutions



MYTILINEOS is a leading global industrial and energy company with a strong presence in all five continents. The company operates four Business Units, the Power & Gas BU, the Metallurgy BU, the Renewables & Storage Development BU and the Sustainable Engineering Solutions BU and has been consistently recognised as a leading international contractor of integrated energy projects, with its unique know-how across the full range of solar power solutions.

In 2020, MYTILINEOS operating income (EBITDA) reached €315 million remaining stable compared to 2019 while its revenue exceeded €1.9 billion. Today, the company's workforce lists more than 3,850 direct and indirect employees. MYTILINEOS with its activity generates added value of €1.06 bn., equal to 0.6% of the country's total GDP. The company has an experienced management team and a top tier, optimised asset base with a low-cost structure and strong competitive positioning.

MYTILINEOS, through its SES Business Unit, features a strong track-record of EPC and O&M projects in energy, infrastructure, environmental and new energy solutions. More than 14GW of turn-key thermal power plant projects have been delivered.

We are a leading Renewable Energy global developer with a current pipeline of projects exceeding 2GW and an EPC and O&M in both utility scale solar and storage track-record exceeding 1.8GW in all the 5 continents.

Leveraging on our track-record, our competitiveness and the company's strategic focus on the national and global goal of energy transition through the dynamic development of sustainability projects and the implementation of new technologies, MYTILINEOS is already well-positioned to drive this transition and become the partner of choice as an **End-to-End Solution Provider** to **Green Hydrogen** and **Power-to-X** projects.

Furthermore, based on established partnerships with major suppliers of electrolysers, MYTILINEOS is in the position to offer the full range of services from development to O&M (including financing under certain conditions), of projects where the electrolyser is powered by solar or other renewable energy sources.

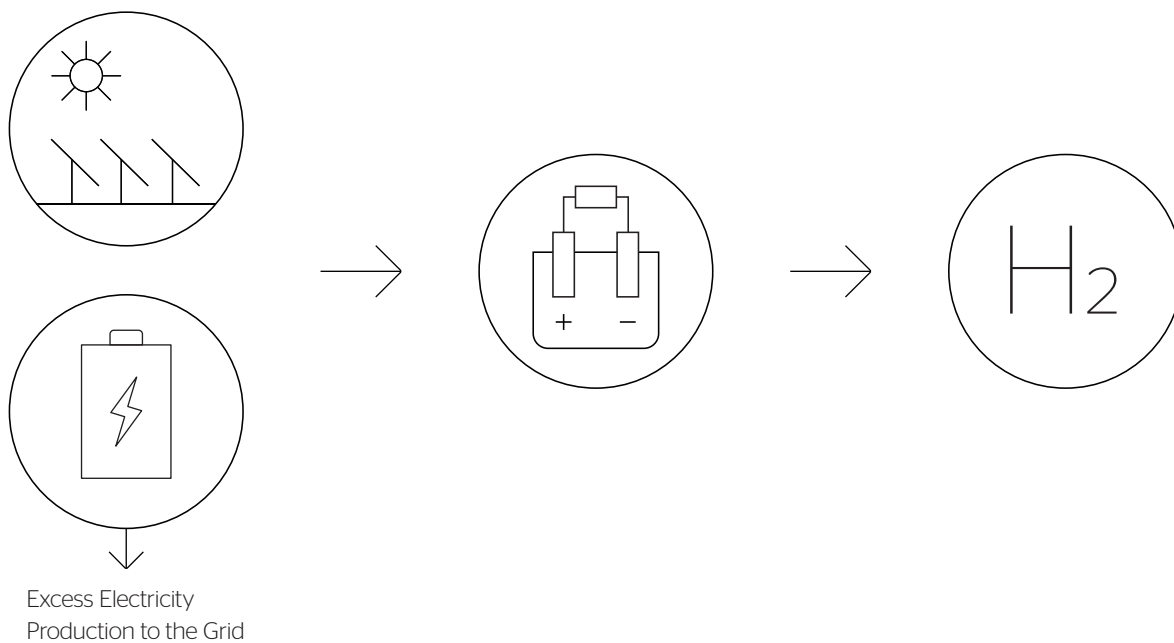
Hydrogen applications

The produced green hydrogen can be utilized in a wide range of applications such as:

- Energy storage
- Production of ammonia for energy storage and fertilisers
- Supply to refineries, steel producers and other large industrial consumers
- Direct injection into the natural gas grid
- Power generation in gas turbines and engines
- District heating
- Fuelling stations for vehicles
- Production of green methane and green methanol after combination with CO₂ or biogas.
- Selling Green Hydrogen to Off-takers
- Blending of Green Hydrogen into Natural Gas (NG) pipeline grid
- Energy production in H₂ combustion in gas Power Plants
- Energy Storage for balancing power for the grid



MYTILINEOS, as an **end-to-end solution provider**, delivers from the renewable energy source up to the green hydrogen application including but not limited to retrofits in existing installations such as thermal power plants, process plants, natural gas stations, refineries etc.



PV Park & Battery Storage

- Complete EPC of solar PV parks
- Our experience includes 2,5 GW of solar PV Projects and over 250 MW of energy Storage projects

Electrolyser

- Turn-key EPC of Green Hydrogen Electrolyzer Plants fully operational including Balance of Plant (BoP), ancillaries and civil works
- Existing partnerships with the major suppliers of electrolysers (alkaline, PEM technology etc.)
- Strong track-record of EPC and O&M projects in energy, infrastructure, environmental and new energy solutions
Over 14 GW of turn-key thermal power plant projects have been delivered successfully

Hydrogen

- Green Hydrogen Production output at requested pressure, temperature & purity
- Green Hydrogen **Compression**
- Green Hydrogen **Storage**



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