

AMOLION ENERGY, LDA • PORTUGAL & BRAZIL



AMOLION

The link between molecules and electricity.

Corporate presentation • 2026

THE NAME

Molecule + Ion, in a single name.

MOL

MOLECULE

Green hydrogen, methanol, ethanol, biodiesel — the commercializable molecules.

ION

ION

The charged particle — the world of the electron, electricity and storage.

The ion is where molecule and electron meet in practice — the exact link between our two business lines.

ABOUT AMOLION

A Luso-Brazilian clean energy group.

Amolion Energy, Lda is the new name of **Euro FPV – H2 Verde, Lda** (Portugal), owner of **H2 Verde Ltda** (Brazil).

MISSION

Lead the transition to a sustainable future, with the lowest CO₂ emissions.

VISION

A reference in clean, renewable energy and green molecules in PT and BR.

VALUES

Respect for the environment and economically advantageous solutions.

Two business lines.

● MOL • MOLECULE

The molecules of the transition

Green hydrogen, bio and e-methanol, ethanol and biodiesel
— projects and commercialization in Brazil and Portugal.

● ION • ELECTRON

Energy by leasing, with SGP

The SGP generation and storage solution, offered under a
leasing model.

Green hydrogen and commercializable molecules.



Green hydrogen

Electrolysis from 100% renewable sources.



Bio & e-methanol

Renewable methanol for industry and mobility.



Ethanol

Commercialization for the energy market.



Biodiesel

Low-carbon, renewable fuel.

✓ 100% sustainable ✓ Versatile ✓ Easy to transport ✓ Easy to store

MOLECULE LINE • WHAT WE DO

01

Development and implementation of **green hydrogen, bio and e-methanol** projects — in Brazil and Portugal.

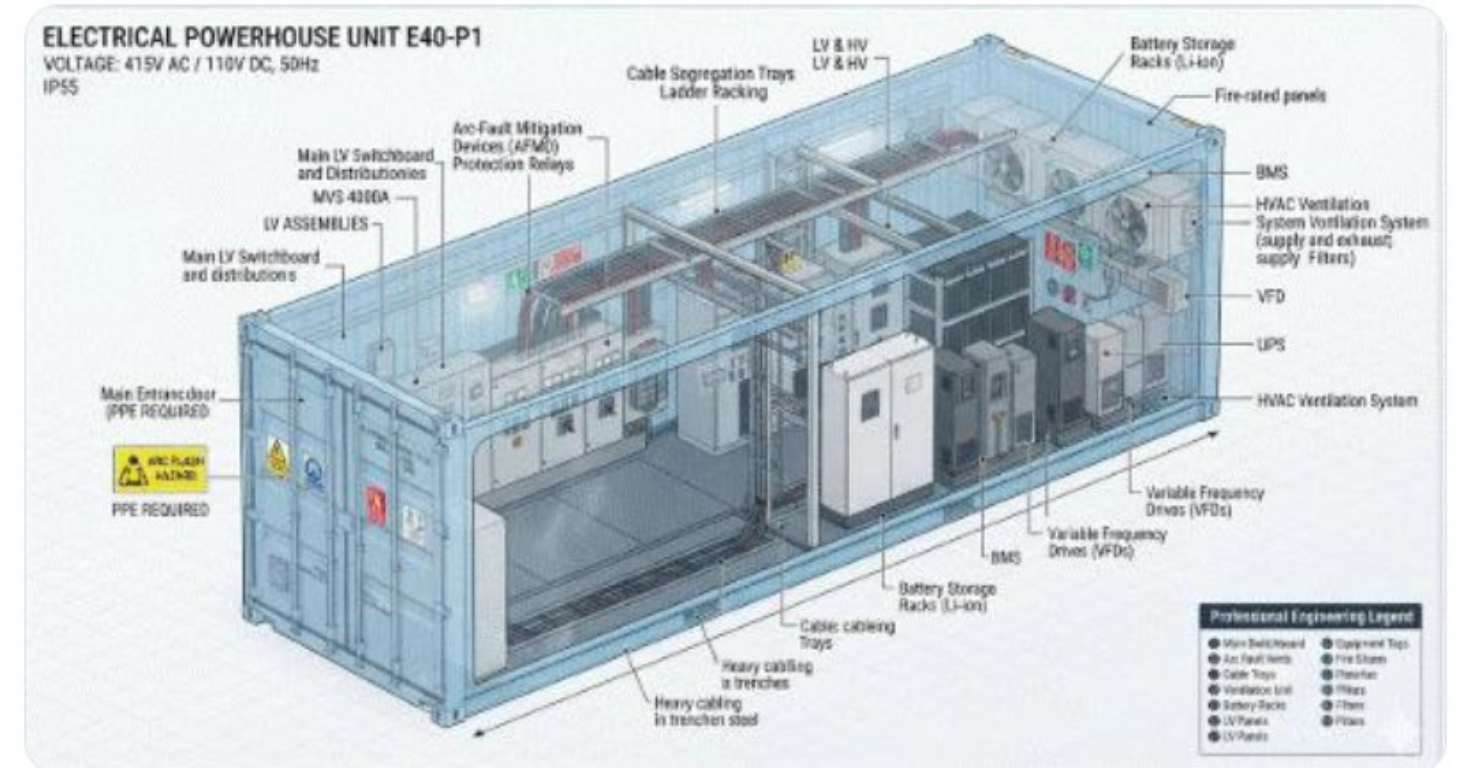
02

Commercialization of **bio, e-methanol and ethanol** for the energy market.

● ELECTRON LINE

SGP — Smart Grid Power

Electric energy service system by **leasing**, mounted in a 40-foot container. Delivers **continuous 24/7**, renewable, three-phase and stable power — anywhere flat and dry on the planet.



Why SGP.

- ✓ **Continuous and permanent** – 24/7.
- ✓ **High quality** – three-phase and stable.
- ✓ **Zero impact** – zero noise and waste.
- ✓ **No maintenance** – handled by the provider.
- ✓ **Sustainable and renewable** – no emissions.
- ✓ **No infrastructure** – no substations or grids.
- ✓ **Universal operation** – any flat, dry location.
- ✓ **40-foot container** – ready to install.

SGP • TECHNICAL SPECIFICATION

1,566 kWh

Capacity at 50 Hz (1,880 kWh
at 60 Hz)

2,887 A

Current

50/60 Hz

Frequency — any country

100k h

Warranty — continuous (~11.4
years)

Business model.

Energy-as-a-Service

The customer pays only for the energy consumed.

Leasing

Container installed at the customer's site at no acquisition cost.

No CAPEX or OPEX

No infrastructure investment; operation and maintenance included.

SUPPORTING TECHNOLOGY

Floating solar generation.

Photovoltaic panels on water that power the SGP solution. Projects from medium (kW) to large scale (MW/GW).

→ Higher efficiency from cooling

→ Better land use

→ Reduces evaporation up to 70%

→ Easy installation

Two countries, one mission.

PORTUGAL • HEADQUARTERS

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BRAZIL • H2 VERDE LTDA

H2 Verde Ltda

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Let's talk about your project.

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