

The background of the entire image is a photograph of the Earth from space, showing the horizon with a bright sun rising over it, creating a lens flare effect. A large, solid blue diagonal bar is positioned on the left side, partially overlapping the text.

TRANSITION PATHFINDERS



ENGIE HAS THE AMBITION TO BE AT THE FOREFRONT OF THE ENERGY TRANSITION

OUR PURPOSE

We act to accelerate the transition towards a carbon-neutral economy, through reduced energy consumption and more environmentally-friendly solutions.

OUR COMMITMENT

We aim to be Net Zero Carbon by 2045 across all scopes following a well below 2° trajectory

AN INTEGRATED MODEL DESIGNED TO ACHIEVE THE ENERGY TRANSITION

ENERGY SOLUTIONS

Decentralised infrastructure to decarbonise our customers



Local energy networks



Onsite energy production



Energy performance and management

+8 GW of decentralised infrastructure by 2025 (vs 2020)

FLEX GEN & RETAIL

Bring more flexibility to the system



Pumping-turbining



Gas-fired power plants



Storage by battery

~10 GW of battery storage capacity by 2030



ENERGY MANAGEMENT EXPERTISE

- Commercializing renewables
- Optimizing our fleet and monetizing its flexibility

RENEWABLES

Increase in renewable energy capacity



Onshore windpower



Offshore wind power



Solar



Hydro

50 GW by 2025 → 80 GW by 2030

INFRASTRUCTURES

Use existing infrastructure to support growth



Networks



Biomethane
Hydrogen

~4 GW of hydrogen capacity by 2030
~10 TWh of biomethane production per year by 2030

AT ENGIE R&I, WE ARE WORKING ON THE 4 FRONTS OF THE ENERGY TRANSITION

"WE NEED TO OPEN UP AND SECURE NEW TECHNOLOGICAL PATHS"

Our expertise

Energy Efficiency & Sobriety

- Industry (decarbonization, data centers, cybersecurity)
- Cities, collective homes, buildings
- Green mobility

Green molecules

- Biogas, e-methane
- Hydrogen
- E-fuels
- CCUS

Flexibility Management

- EMS
- AI
- Storage

Massive Electrification with renewables

- Wind, solar
- Electricity networks
- Desalination

ENGIE VENTURES – Investment Fund

**Create a privileged access between ENGIE and external innovation,
Investing in breakthrough solutions for the energy transition**

- Strategic Minority investments in disruptive ventures with a seat at the Board
- Seed & Serie A startups
- Strong industrial partnerships foreseen with ENGIE's entities



+250M€

invested since
2014 in 50+ startups



+200

startups scouted
each year



€1-5M

initial ticket size



25

Active portfolio
startups

ENGIE Ventures strategic priorities

Renewable Energy



- Optimizing generation
- Increase flexibility

Energy Solutions



- District heating and cooling optimization
- Decarbonization of customers assets
- Low carbon heat

Flex Generation & Retail



- Decarbonization of generation
- Low carbon H2
- Green fuels
- Desalination solutions

Networks



- Bio & e-methane technologies

← CCU: CO2 management business models and technologies →

← BESS solutions →

A team at the service of innovation



Johann Boukhors
(Fund Managing Director)



Laurent Rambaud
(Investment Director)



Vincent Pichon
(Investment Director)



Carlos Chalbaud
(Investment Director)



Davide Romeo Nanni
(Financial Manager)



Rajat Dewan
(Investment Analyst)



Adama Cisse
(Executive Assistant)

10+

Team members



NORTH AMERICA
6 startups



EUROPE
14 startups



ASIA & ISRAEL
2 startups

LATAM
3 startups

NORTH AMERICA



Scott Pinizzotto
(Sr. Investment Director)



Sheeraz Haji
(Sr. Advisor)

ISRAEL



Anne Baer
(Sr. Advisor)

Enquiries should be addressed to: newventures@engie.com

For the latest updates from Engie Ventures, follow us on:

Our current portfolio is composed of 25 active startups



Some of our investments

INERATEC



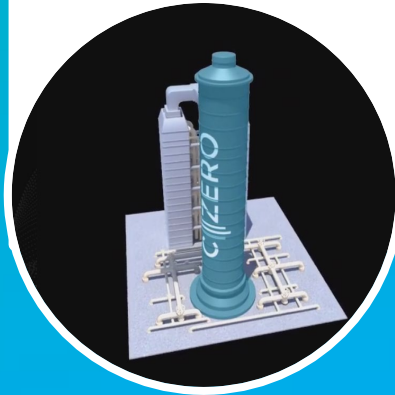
Clean
fuels production
technology

H2 SITE



On-site low-carbon
hydrogen production
through membrane
reactors

C||ZERO



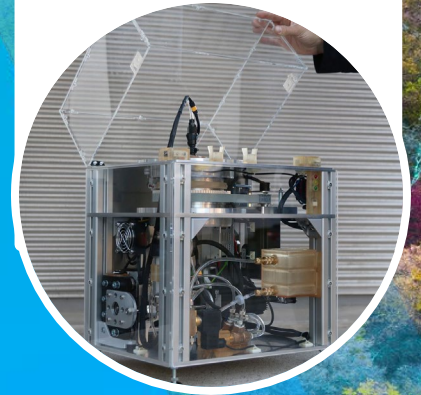
Methane pyrolysis for
production of
Hydrogen without
CO2 emission

TreaTech



Hydrothermal
gasification
technology for
production of biogas
from liquid waste

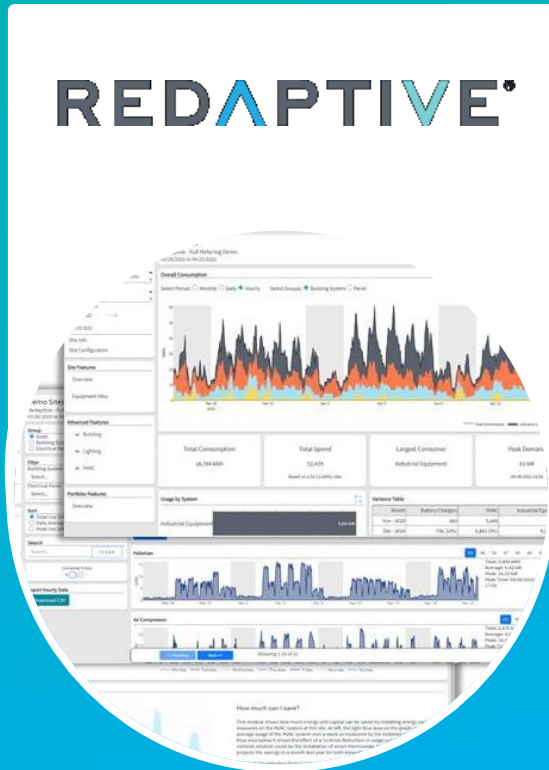
MAGNOTHERM



Cooling and heating
solutions based on
magnetic materials

Some of our investments

New Ventures
RESEARCH & INNOVATION



Energy Efficiency-as-a-Service projects for C&I segment



Optimization platform for businesses to improve energy efficiency through control of production



Stationary Energy storage systems utilizing second-life electric vehicle batteries

Some of our investments

New Ventures
RESEARCH & INNOVATION



ALPINOV X



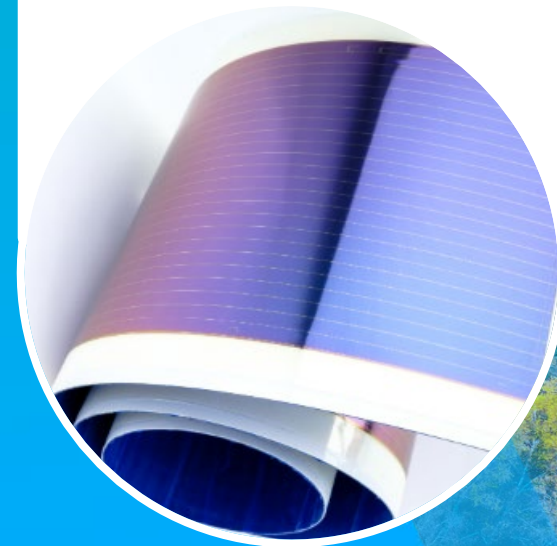
Water based cold
production technology
for district cooling
networks

GravitHy



Green iron and steel to
accelerate the
decarbonization of the
steel industry

Heliatek®
The future is light



Industrial-grade Organic
PV solar films to provide
independent, emission-
free energy on-site

Some of our investments



Solar Analytics & productivity platform for solar PV assets



Marketplace connecting renewable energy developers and corporates



Digital Twins for O&M of Infrastructures



TRANSITION PATHFINDERS