

New Ventures

RESEARCH & INNOVATION

ENGIE NEW VENTURES

Fund Presentation – Corporate Venture Capital



RESTRICTED



INTERNAL



SECRET



OUR PURPOSE

“ ENGIE’s purpose is to act to accelerate the transition towards a carbon-neutral economy, through reduced energy consumption and more environmentally-friendly solutions.

The purpose brings together the company, its employees, its clients and its shareholders, and reconciles economic performance with a positive impact on people and the planet. ”

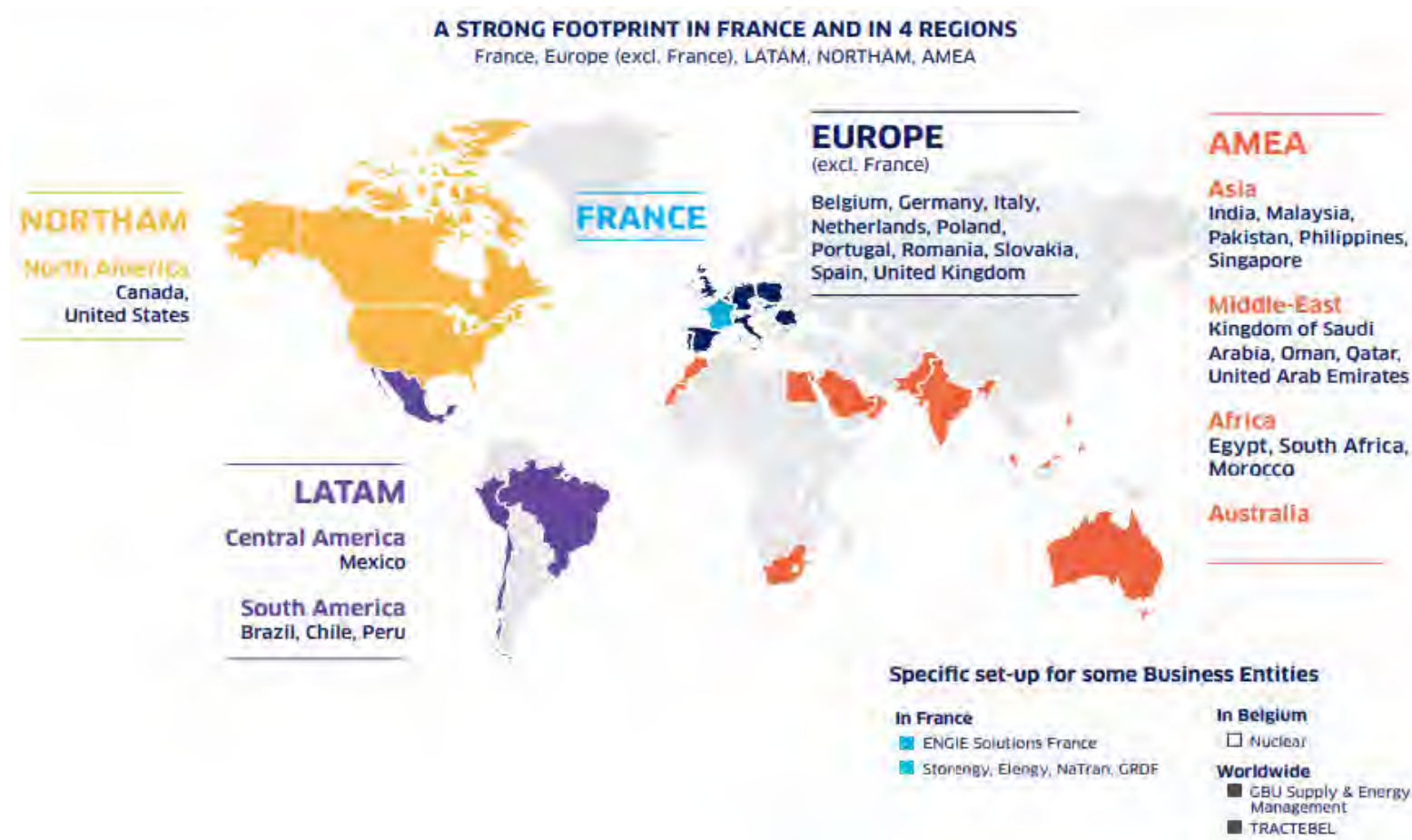
OUR VISION

We are convinced that an affordable and desirable energy transition for all is within reach. We strive daily to make it a reality.

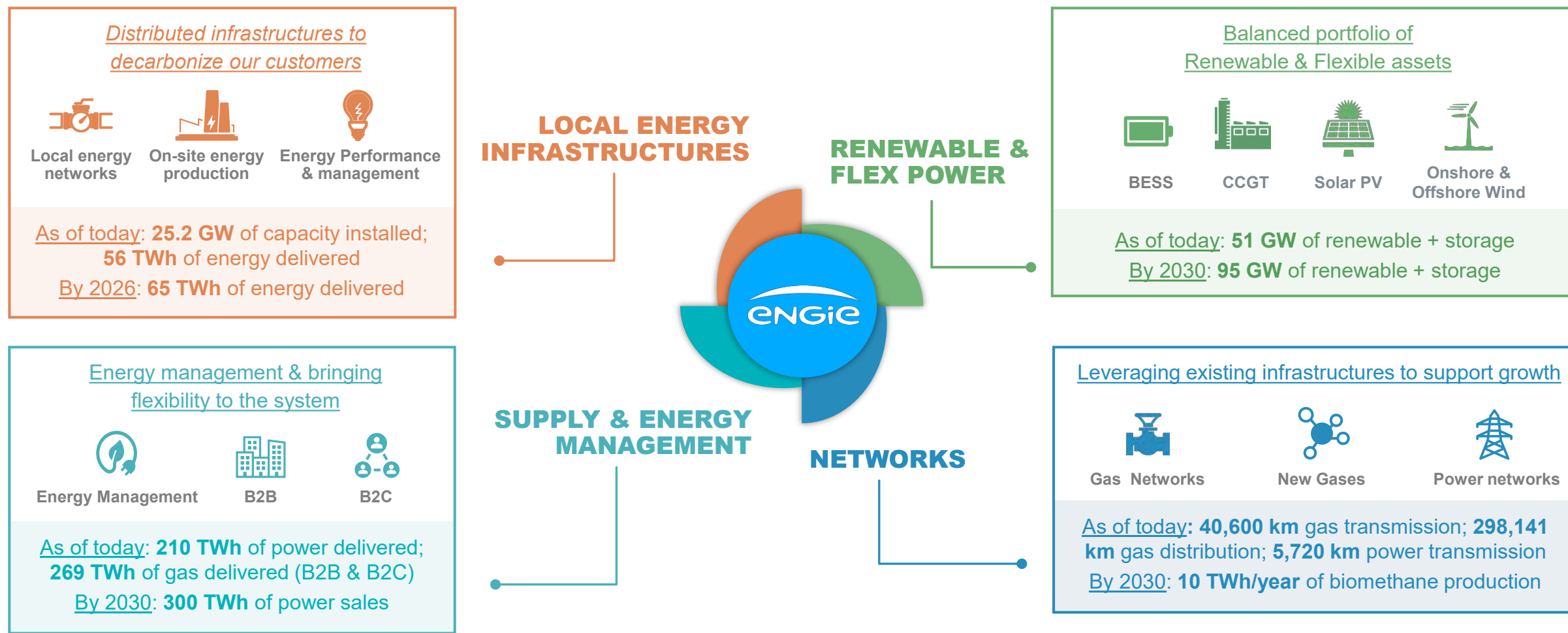
ENGIE Group operates in 30 countries

IN 2024:

- **98,000** employees
- **€73.8 billion** revenues
- EBIT of **€8.9bn** (*excl. nuclear*)
- 4.2 GW renewables capacity added in 2024
- Acceleration in battery storage with more than **5 GW** of capacity in operation or under construction
- Expansion in power transmission with the award of **~1,200km** in Brazil and Peru
- **55% reduction in GHG emissions** from energy production compared to 2017 to 48Mt in 2024



ENGIE Group has an integrated model for Energy Transition



ENGIE Group harnesses ENGIE R&I expertise to drive innovations in Energy Transition



Engie Research & Innovation combines research centers & Labs, incubation programs, and venture arms to detect and **accelerate deployment of new technologies** in an industrial, competitive, reliable and safe way.

Our teams **align interests and forge collaborations** between ENGIE's operating entities, external ecosystems and stakeholders around key topics **fueling the Group's future.**

ENGIE R&I Expertise: A showcase of Lab Crigen

« With our 19 benches of testing facilities, ENGIE Lab CRIGEN will be able to carry out physical and virtual tests, in order to develop, optimize, de-risk and industrialize cutting-edge low carbon technologies. »

Adeline Duterque, Managing Director ENGIE Lab CRIGEN

New Ventures

RESEARCH & INNOVATION

Corporate venture arm of ENGIE taking minority investments in clean technology startups.

Factory Asia Pacific

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Incubation arm in APAC building, scaling startups in energy efficiency, smart cities, green mobility, and renewable energy.

Four R&D Labs

Lab Crigen

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R&D center devoted to green gases, new energy uses in cities and buildings, industry and emerging technologies.

Laborelec

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Research center in electrical power technology, in the fields of generation, transmission, distribution, storage and final use.

Lab Cylergie

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Research center dedicated to energy efficiency services and energy smart management.

Lab Singapore

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R&D center focused on industrial energy efficiency, cooling systems & data center decarbonation, gas, and smart energy.

ENGIE New Ventures is structured to support ENGIE Group with privileged access to external innovation

Key Figures

+250M€

invested since 2014

27

Active portfolio startups

14

Countries

57

startups invested since 2014

19

o/w exits

Main Investment Criteria

Seed & Series A startups

Industrial partnerships with ENGIE

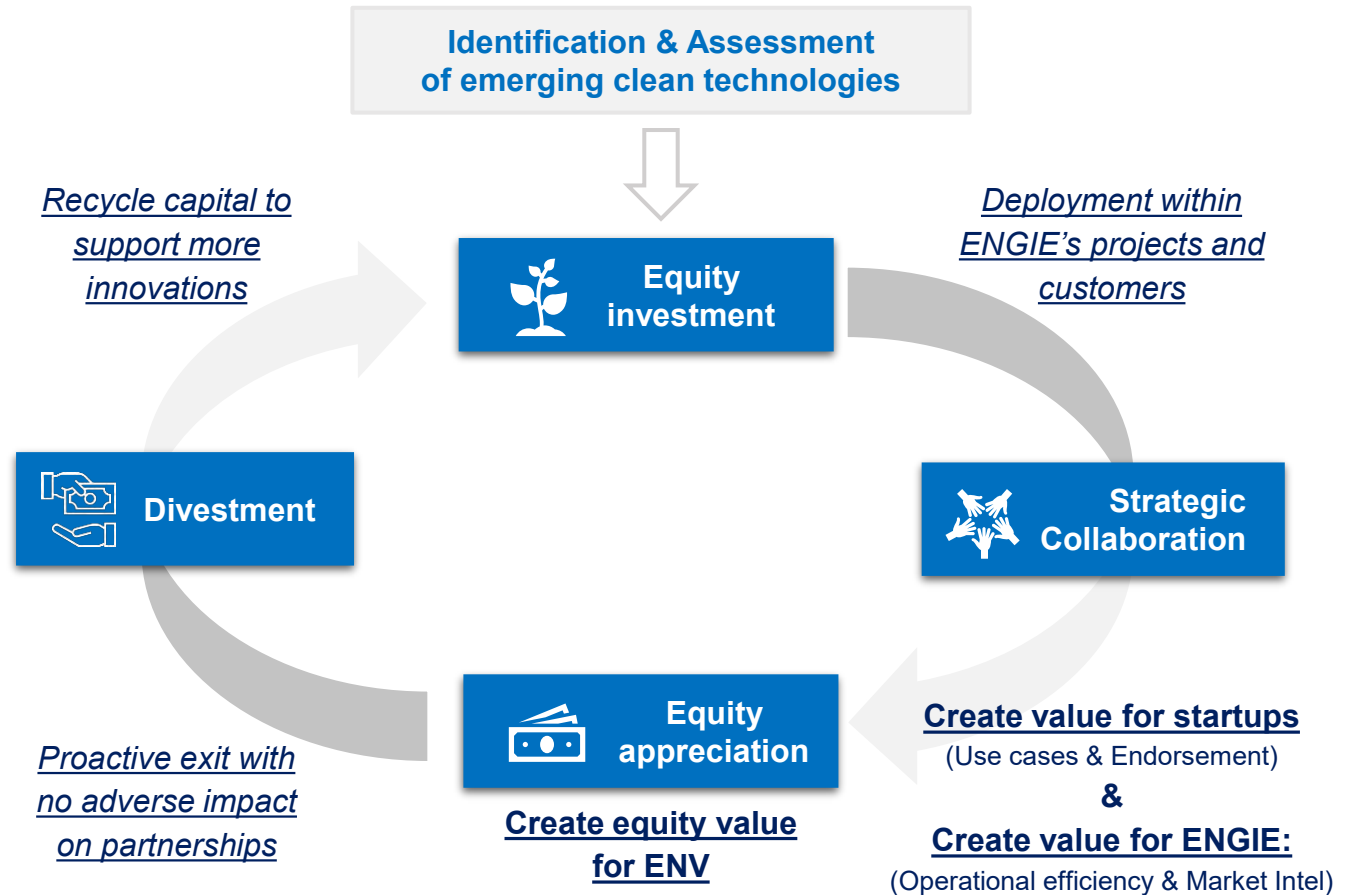
Minority Investment with a Board seat

Game-changing technologies

€1-5M

Initial ticket size

Investment Model



ENGIE Ventures strategic priorities

RENEWABLE & FLEX POWER



- Optimizing generation
- Increase flexibility
- Decarbonization of generation
- Desalination optimization

LOCAL ENERGY INFRASTRUCTURES



- Industrial and District Heating & Cooling
- Data Centers
- Thermal storage

NETWORKS



- Efficiency improvement for bio-methane assets
- Green gases
- Power Grid optimization

SUPPLY & ENERGY MANAGEMENT



- PPA Optimization
- Energy Management & flexibility

CCUS

(CO2 management business models and technologies)

BESS Solutions

(Battery Energy Storage Systems)

A team of 10 members at the service of innovation



Johann Boukhors
Fund Managing Director

EUROPE



Laurent Rambaud
Investment Director



Vincent Pichon
Investment Director



Carlos Chalbaud
Investment Director



Davide Romeo Nanni
Finance Manager



Rajat Dewan
Investment Analyst



Shiyun Liu
Investment Analyst



Adama Cisse
Executive Assistant

NORTH AMERICA



Sheeraz Haji
(Sr. Advisor)



NORTH AMERICA

EUROPE

ISRAEL & ASIA

ISRAEL

ISRAEL



Anne Baer
(Sr. Advisor)

OUR CURRENT PORTFOLIO OF 27 ACTIVE STARTUPS

Low Carbon Gases



Renewable



Enabling solutions



Decarbonization



Fund of Funds



Some of our investments - Low Carbon Gases



**Biogenic CO2 collection,
purification & liquefaction**



**Electro-methanogenic
technology for biogas
production maximisation**



**Hydrothermal gasification
technology for biogas
production from liquid waste**

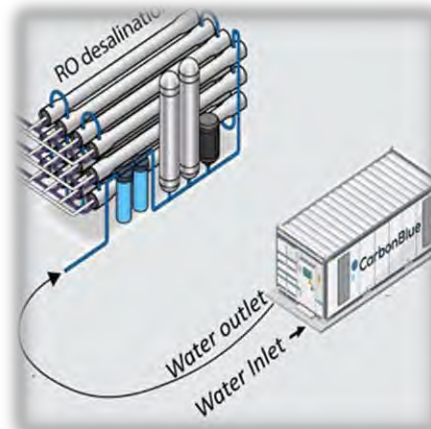


**Cooling and heating
solutions based on
magnetic materials**

Some of our investments – Decarbonization (1/2)



Powered land & services for the hyperscale data centers



Desalination optimization by self-production of chemicals through CO2 capture



ALPINOV X



Water based cold production technology for district cooling networks

Some of our investments – Decarbonization (2/2)



**Optimization platform to
improve energy efficiency
through production control**



**Stationary Energy storage
systems utilizing second-life
electric vehicle batteries**

REDAPTIVE®



**Efficiency-as-a-Service
solution to reduce energy
waste and optimize cost**

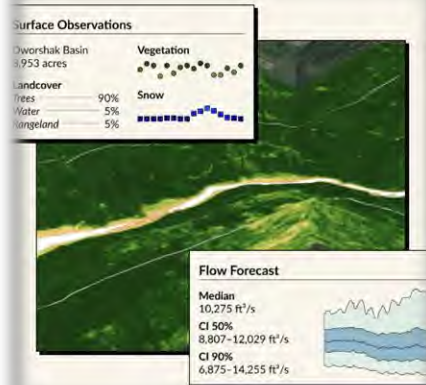
Some of our investments - Enabling solutions & Renewable

ClimeFi



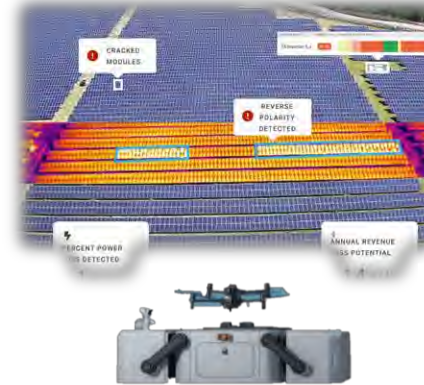
Offtake platform exclusively
focusing on engineered CDR

UPSTREAM



Streamflow forecasting
platform to empower
decision making in water
resource management

RAPTOR MAPS



Solar Analytics &
productivity platform for
solar PV assets

Level10 Energy



Marketplace connecting
renewable energy
developers and corporates

