

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.

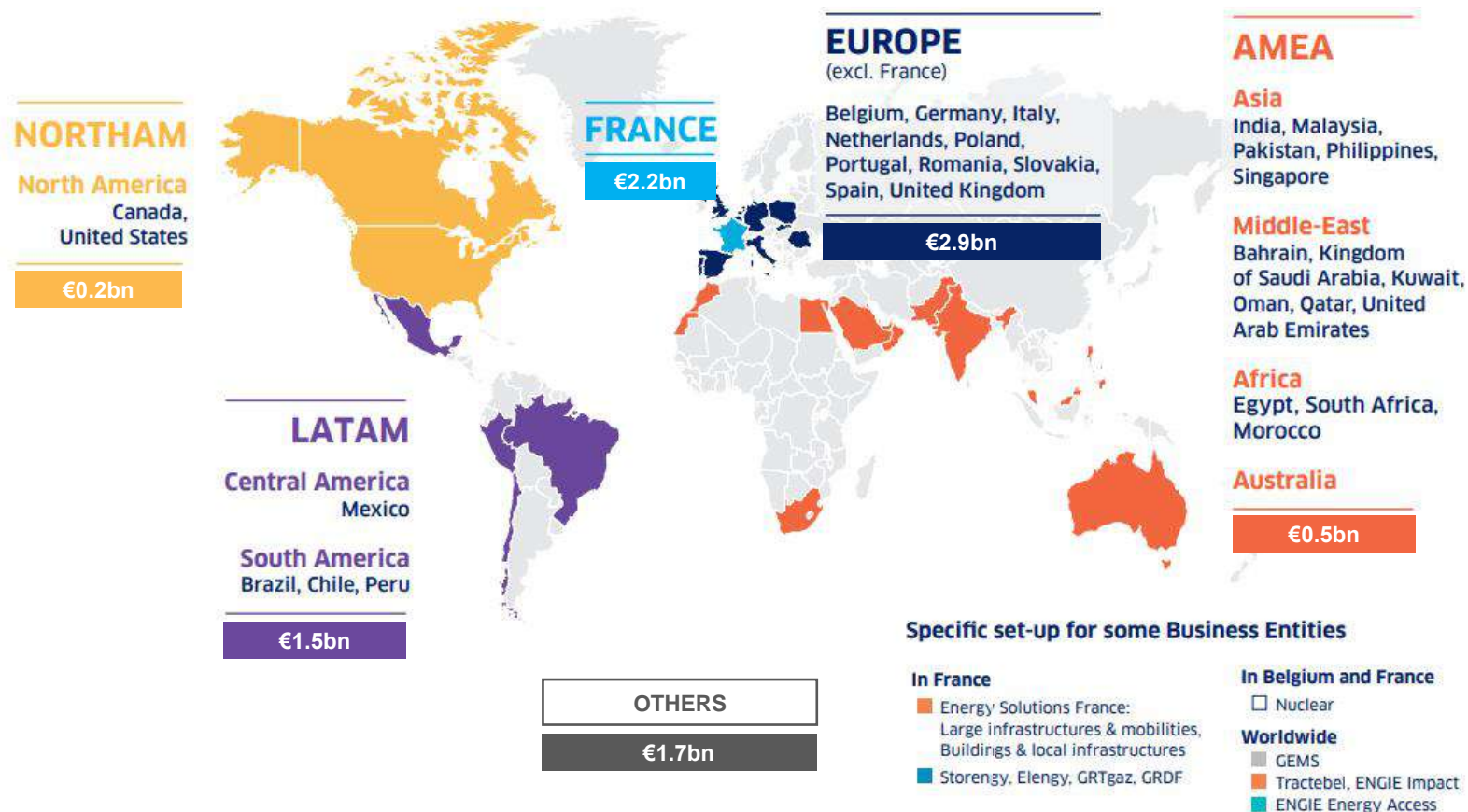
ENGIE Group operates in 31 countries

IN 2023:

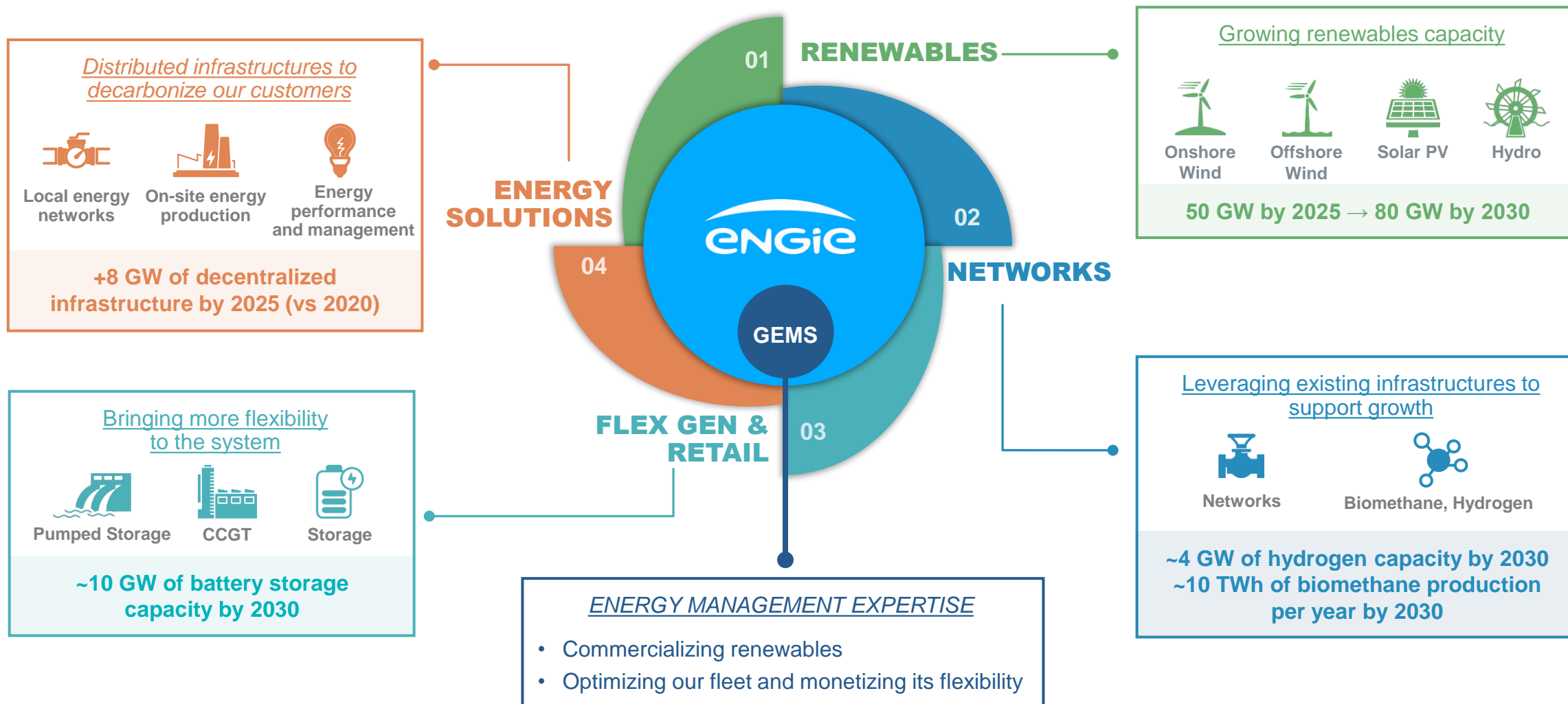
- 97,300 employees
- €82.6 billion revenue
- EBIT of €9.5bn
- 3.9GW newly installed renewables capacity
- €8.1 billion growth Capex
- 10.8 TWh of annual biomethane production capacity connected to ENGIE's networks in France
- Further progress on coal exit, with the announcement of the **disconnection of 2 units** in Chile in 2025 and the **conversion of a third unit**

A STRONG FOOTPRINT IN FRANCE AND IN 4 REGIONS

France, Europe (excl. France), SOUTHAM, NORTHAM, AMEA



ENGIE Group has an integrated model for Energy Transition



ENGIE Group celebrates key achievements in 2023



RENEWABLES

3.9 GW¹ of additional capacities and a record level of **6.3 GW²** capacity under construction

41.4 GW¹ of installed capacity

A total of 2.7 GW of **Green PPAs** signed

Strengthening our presence in South Africa with the acquisition of **BTE Renewables**



NETWORKS

Power transmission

Awarded a **30-year** concession to build and operate **1,000 km of power transmission lines** in Brazil

Renewable gases

10.8 TWh of annual biomethane production capacity connected to ENGIE's networks in France²

Strengthening biomethane presence in Europe with the acquisition of Ixora Energy Ltd

Gas

Storengy's gas storage levels at **84%** in France²



FLEX GEN & RETAIL

Flexible production

Acceleration in **battery storage** with the commissioning of **Hazelwood** in Australia and the acquisition of **Broad Reach Power** in the US

1.3 GW of battery storage in operation² and **3.6 GW** secured under development

Retail

Smooth transition with the **end of gas regulated offers in France**
Historically **low churn rates** and **high Net Promoter Score**



ENERGY SOLUTIONS

650 MW of additional capacity installed in heating and cooling networks¹

On-site energy production: **250 MW** of capacities commissioned¹

Launch of **ENGIE Vianeo** for **green mobility** in France

3 major contracts signed in energy performance

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

RESEARCH & INNOVATION

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

Four R&D Labs

Lab Crigen

RESEARCH & INNOVATION

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

Laborelec

RESEARCH & INNOVATION

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

Lab Cylergie

RESEARCH & INNOVATION

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

Lab Singapore

RESEARCH & INNOVATION

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

29

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

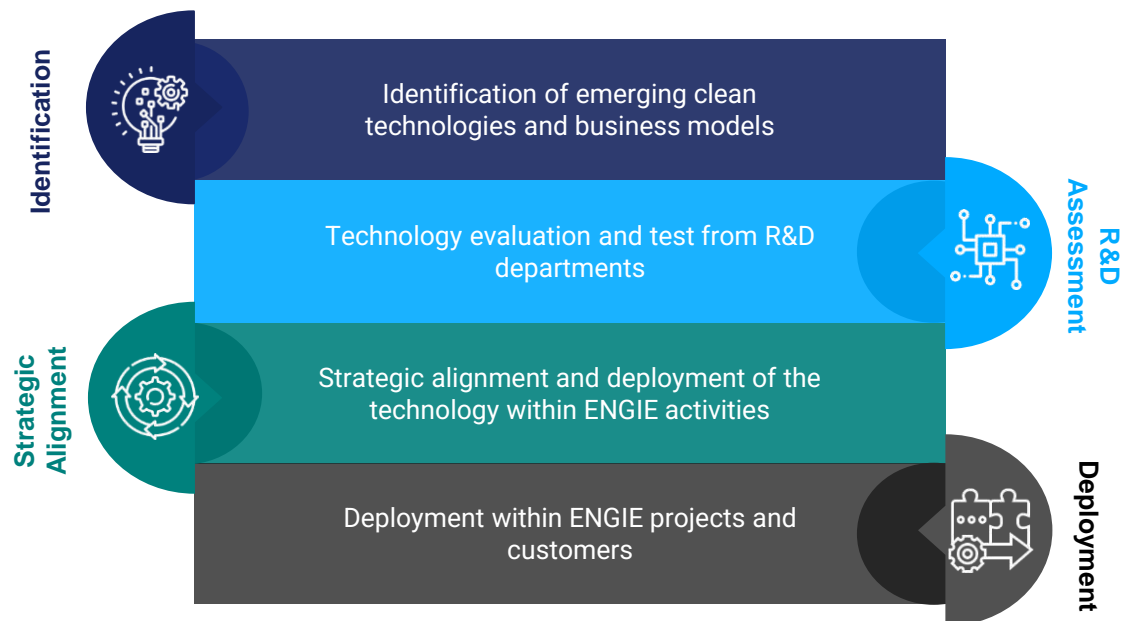
Minority Investment with a Board seat

Game-changing technologies

€1-5M

Initial ticket size

Journey supporting deployment



>>> **Shared resources**, together with a syndicate of co-investors

>>> Strong **industrial partnerships** foreseen with ENGIE

>>> **Access** to customers and markets & expertise

ENGIE Ventures strategic priorities

RENEWABLES



- Optimizing generation
- Increase flexibility

ENERGY SOLUTIONS



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

FLEX GEN & RETAIL



- Decarbonization of generation
- Desalination optimization

NETWORKS



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

CCU

(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
Financial Manager



Rajat Dewan
Investment Analyst



Shiyun Liu
Investment Analyst



Adama Cisse
Executive Assistant

NORTH AMERICA



Scott Pinizzotto
(Sr. Investment Director)



Sheeraz Haji
(Sr. Advisor)



NORTH AMERICA



EUROPE



ISRAEL & ASIA

ISRAEL



Anne Baer
(Sr. Advisor)

OUR CURRENT PORTFOLIO OF 29 ACTIVE STARTUPS

Low Carbon Gases



Renewable



Enabling solutions



UPSTREAM



tutenlabs

Decarbonization



ALPINOVA



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**

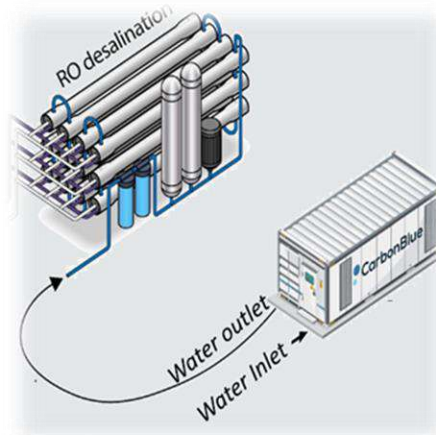


**Cooling and heating
solutions based on
magnetic materials**

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**

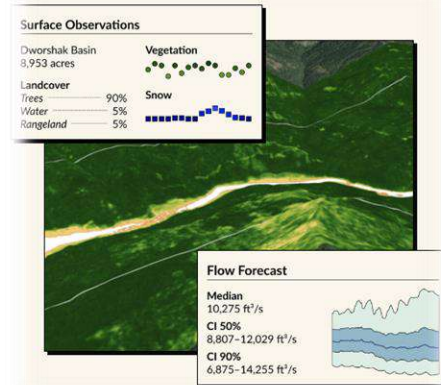
Some of our investments - Enabling solutions & Renewable

ClimeFi



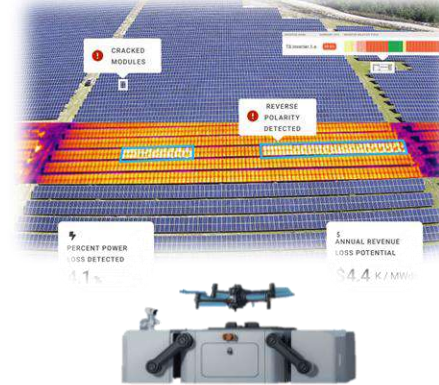
Offtake platform exclusively
focusing on engineered CDR

UPSTREAM



Streamflow forecasting
platform to empower
decision making in water
resource management

RAPTOR MAPS



Solar Analytics &
productivity platform for
solar PV assets

Level10 Energy

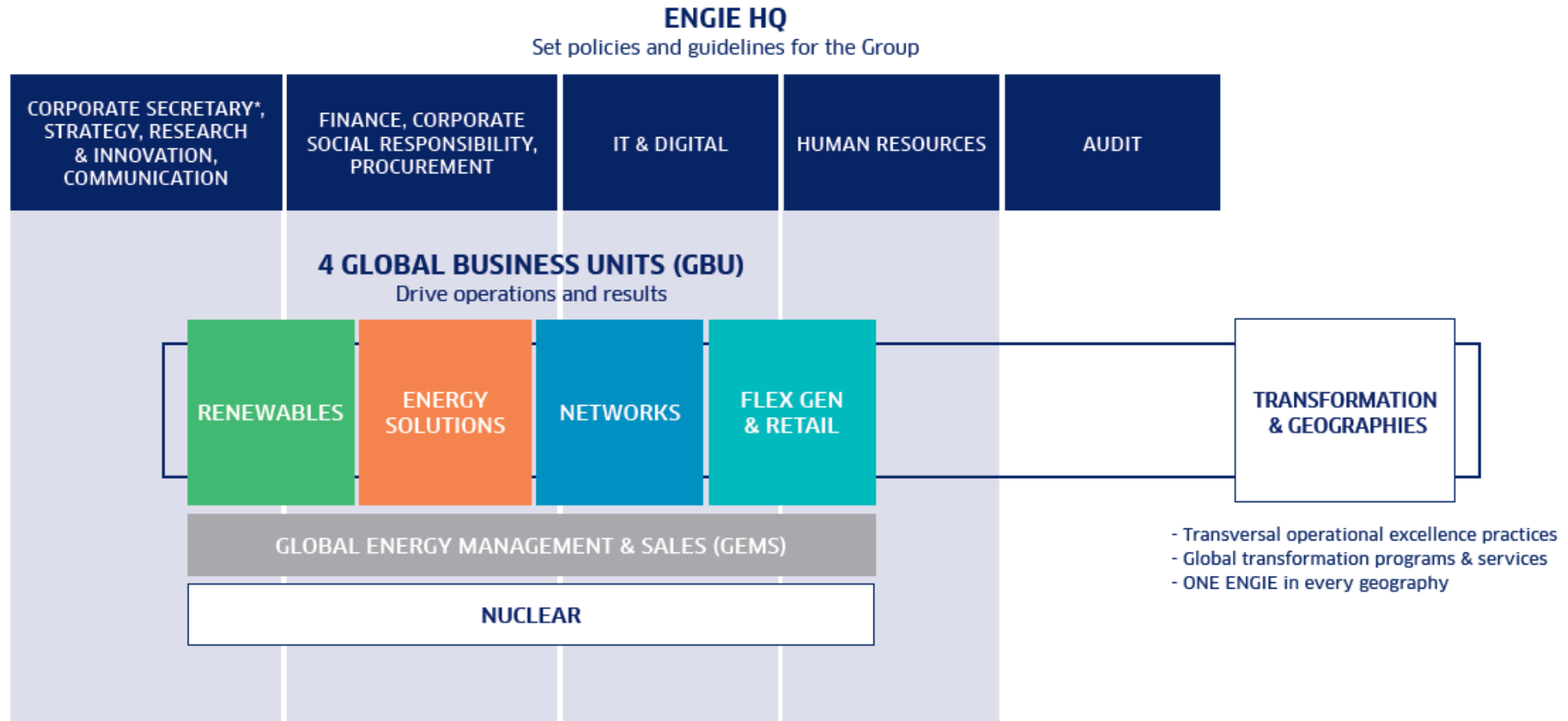


Marketplace connecting
renewable energy
developers and corporates



With a simplified organization focused on strategy implementation

Activities structured around 4 Global Business Lines



* CORPORATE BODIES AND GROUP GOVERNANCE DEPARTMENT (DOSGG), LEGAL, PUBLIC AFFAIRS