



Leading the energy transition

Corporate presentation – Update 09/27/2021



**Today we are building the
low-carbon energy system
of tomorrow**

enke

By focusing on our 4 core activities

Renewables

- **No. 1** onshore wind producer in France
- **No. 1** solar producer in France
- **No. 1** hydropower independent producer in Brazil
- **1st** floating wind farm in continental Europe: 25 MW of installed capacity, 60,000 beneficiaries
- **1st** platform for producing green gas from dry biomass in Europe

Networks

- **No. 1** carrier in France, **No. 2** in Europe**
- **No. 1** underground gas storage in Europe
- **No. 1** terminal operator in France, **No. 2** in Europe**
- **No. 1** natural gas distribution network in Europe
- **No. 1** natural gas transmission network in Brazil
- A major player in electricity transportation networks in Chile

Energy Solutions

- **No. 1** global cooling network
- **No. 1** supplier of hydrogen and GNG charging stations in France
- **No. 1** energy efficiency service provider
- Creation of EQUANS, a leader in multi-technical services

Thermal production & energy supply

- **No. 1** independent electricity producer worldwide
- **No. 1** supplier of natural gas to private customers in France
- **No. 1** electricity and natural gas supplier in Belgium
- More than 70 hydrogen projects worldwide
- **No. 2** seawater desalination operator

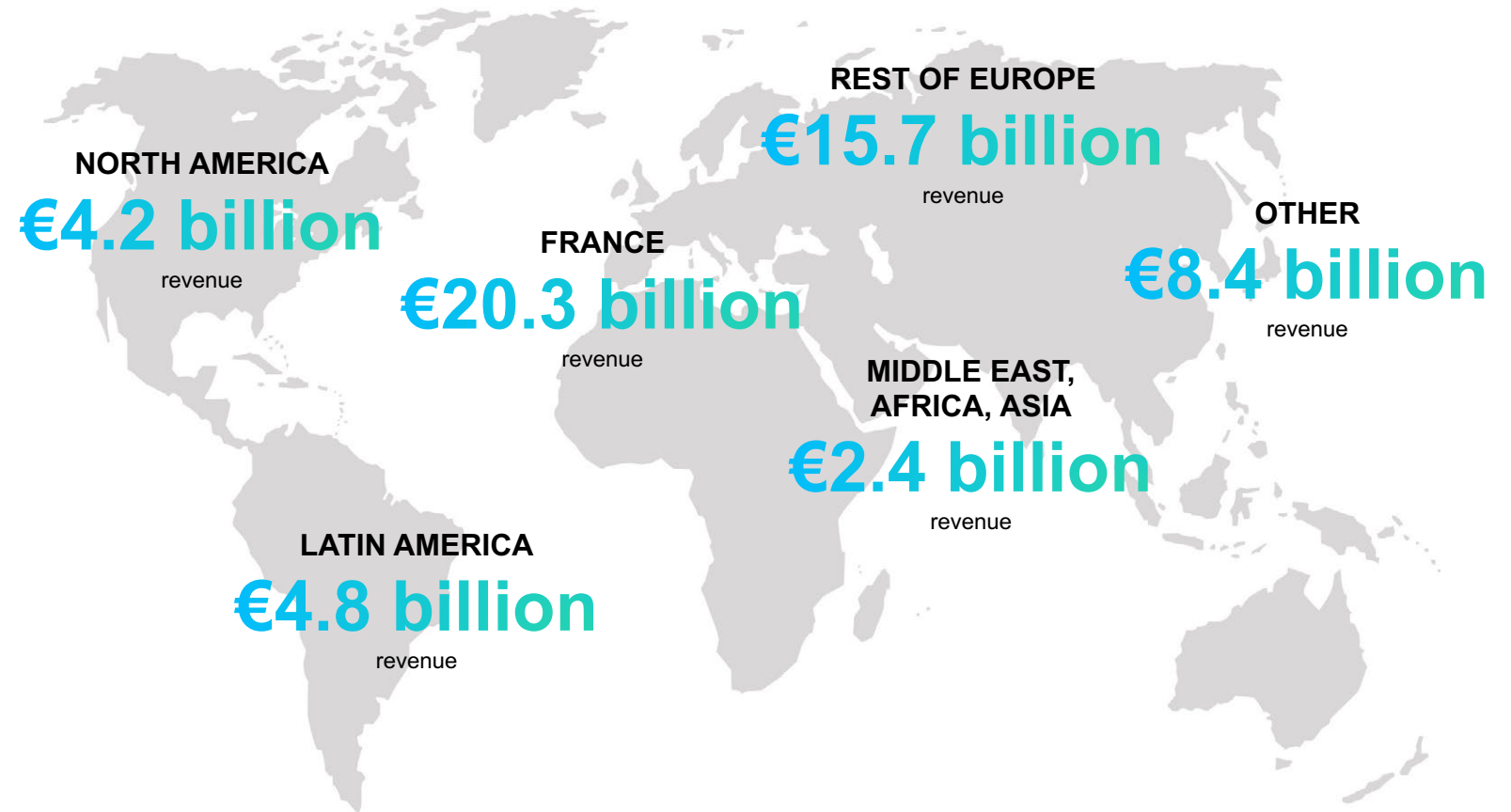
*Annual figures on 31/12/2020

** through independent subsidiaries

We are an international player

In 2020

- 170,000 employees
- €55.8 billion revenue
- €190 million spent on R&D
- 3GW extra installed renewables capacity
- €4 billion growth investment
- 101 GW installed power generation capacity



Annual figures on 31/12/2020

To achieve the Net Zero Carbon target by 2045

We take action throughout the value chain: our business activities, our suppliers, and our clients

Renewables

- By targeting an additional annual capacity of **3 GW** in **2021**, then **4 GW/year** from **2022** to 2025, and **6 GW** from **2026**
- To achieve **50 GW** by **2025** of installed renewable capacity and **80 GW** by **2030**

Networks

- By reaching **4 TWh** of **Biomethane** by 2030 in France

Energy Solutions

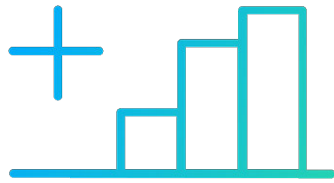
- By adding **8 GW** of **additional capacity** by **2025** in low-carbon distributed energy infrastructures
- To reach **32 GW** by **2025** in distributed energy infrastructures

Thermal production & energy supply

- By phasing-out of our **coal activities** by **2027**
- By developing a **renewable hydrogen production capacity** of **4 GW** by **2030**

By contributing to **45 Mt** of **CO₂** emissions avoided per year by **2030** for our customers

We are engaged for an affordable, reliable, and sustainable growth



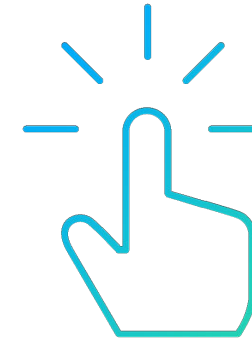
Accelerate

our investments in renewables and low carbon distributed energy infrastructures



Strengthen

our commitment to decarbonize to achieve Net Zero Carbon by 2045



Simplify

our organization by focusing on our 4 core activities and by refocusing on thirty countries

**€15-16 billion of medium-term growth investment
of which nearly 45% in renewables by 2023**

By creating value sustainably

€4 billion

of growth investment in 2020

80 GW

of renewables by 2030

3.2%

of share capital
held by employees

A pioneer in green finance

- Using green bonds to finance the energy transition since 2014
- Developing innovative financial products such as participative funding
- Total sum of green bonds issued by ENGIE since 2014: €12 billion

*Annual figures on 31/12/2020

By supporting inclusion within the Group serving operational excellence

Diversity

- **21.5%** of women in the Group
- **24%** of women in management
- 4 female members on the Executive Committee
- 4 nationalities represented on the Executive Committee
- Target **50/50 by 2030**

Training and apprenticeship

- **3.5%** of apprentices in Europe
- Objective for France: 10% work-study trainees in 2021 and half of them taken on after training
- **70.1%** of employees trained

Health and safety at work

- **2.7** rate of occupational accident frequency with sick leave

*Annual figures on 31/12/2020



**To achieve Net Zero
Carbon by 2045 for us and
our customers**

By supporting our clients' energy transition

Few exemples

ENGIE x Yoplait

In Vienne (Isère, France), ENGIE Solutions, Yoplait Productions France and city authorities have joined forces to use the energy generated by the Yoplait plant to heat the district.

Result: - **50% CO2 emissions.**

Read more [ENGIE x Yoplait | ENGIE](#)

ENGIE x Microsoft

Microsoft chose ENGIE to help implement a plan to transition all its data centers to renewable energy. From 2021, Microsoft's data center in Texas will be powered by hybrid wind and solar energy produced locally.

Read more [ENGIE x Microsoft – USA | ENGIE](#)

ENGIE x Hygreen

ENGIE has joined forces with Air Liquide and the Durance, Luberon, Verdon urban area (DLVA) in order to develop the HyGreen Provence project. **30,000 tons of renewable hydrogen** will be produced annually for mobility, energy and industrial uses.

Read more [ENGIE x Hygreen | ENGIE](#)

ENGIE x Grhyd

The GRHYD demonstrator implements the concept of Power-to-Gas used to transform surplus renewable electricity into hydrogen and allow their storage and recovery. In Dunkirk, ENGIE is experimenting with this concept for district heating and mobility.

Read more [The GRHYD demonstration project | Gas | ENGIE](#)

By deploying our own carbon transition

€553 million

environmental spending
in 2020*

21 Mt

of CO₂eq avoided by
our customers

31 %

of Renewables in the
electric capacity mix

- 52% of CO₂ emissions
from electricity generation compared to 2012

Annual figures on 31/12/2020

* Investment and spending linked to environmental protection

By investing in research, innovation and digital

900

researchers

€190 million

dedicated to Research
& Development*

€180 million

invested in the ENGIE New Ventures
investment fund dedicated to
innovative start-ups

2000

Data specialists

10

developed digital platforms including
Darwin (19 GW of supervised
renewable energy)
Nemo (4.5 GW of supervised
heating and cooling networks)

200 Tb*

of data shared on a
Common Data Hub

Annual figures on 31/12/2020

* Terabyte/Tera octet

By helping to protect the environment in all our activities

Biodiversity

Contribution of sites to maintain and restore the ecological continuity.

Bee to Bio® offer by Storengy which aims to enhance biodiversity on its customers' sites.

Circular economy

Strongly committed to **PV Cycle France**, ENGIE recycles 95% of its photovoltaic panels.

ENGIE wants to go further in wind energy and aims to develop 100% recyclable wind turbines, thanks to the **ZEBRA** project.

Ecosystem

ENGIE is committed to preserving ecosystems through **act4nature**.

Read more [ENGIE x Act4Nature](#) : [accelerating the preservation of biodiversity](#)

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.

