



DATABOOK

FY 2021 RESULTS



03

ENVIRONMENTAL, SOCIAL & GOVERNANCE

ENGIE's purpose aligning financial and non financial performance

Planet

Respecting planetary limits by acting in particular for the Paris Agreement

Tier 1 objectives	2020	2021	Objective 2030
GHG emissions related to energy production (Scope 1 and 3) in line with the SBT commitments (MtCO ₂ eq)	67.5	66.7	43
GHG emissions from the use of sold products, in line with the SBT commitments (MtCO ₂ eq)	61.5	65.5	52
Share of renewable electricity capacities, in line with the SBT commitments (%)	31%	34%	58%
Avoided GHG emissions by our products and services (MtCO ₂ eq)	21	28	45
Share of preferred suppliers (excluding energy purchase) certified or aligned SBT (%)	15%	20%	100%



People

Building a new and more inclusive world of energy together

Tier 1 objectives	2020	2021	Objective 2030
Lost time injury frequency rate for Group employees and subcontractor employees on closed sites	2.7	2.9	≤ 2.9
Percentage of women in Group management (%)	24%	25%	50%
Gender Equality Index			
France	87	89	100
International	80	82	100



Profit

Ensuring responsible performance shared between employees, shareholders and stakeholders

	2020	2021	Objective
Economic net debt to EBITDA ratio	4.0x ²	3.6x	below or equal to 4.0x
Dividend policy payout ratio	75%	66%	65-75%
Guidance NRIs (€bn)	Achieved	Achieved	objective per year



1. Net of DBSO and US tax equity proceeds
2. As published in February 2021

ENGIE's contribution to the Sustainable Development Goals:

Key contribution

Relevant contribution via Tier 2 objectives



Operationalising decarbonisation

Our ambition:
NET ZERO
BY 2045
across all scopes

A clear climate strategy

- A trajectory aligned with Paris Agreement and SBT certified
- A dedicated governance, incentivized on Group climate ambition success
- A Group Strategy focused on development of renewables & green gases in addition to full coal exit by 2027

A strong GHG emissions steering

- GHG annual forecasts until 2030 fully aligned with Group mid-term financial plan
- GHG management targets for 2022, 2025, 2030 and 2045 at Group and GBU levels
- Analysis of GHG emissions alignment with above targets for all new investments
- Integration of GHG emissions in all GBU Quarterly Business Reviews (QBRs)

A dedicated governance process for new investments

- Analysis of carbon prices impact on new investment and long-term energy prices forecasts
- Bi-monthly reporting to Excom on GHG emissions budget for new investments

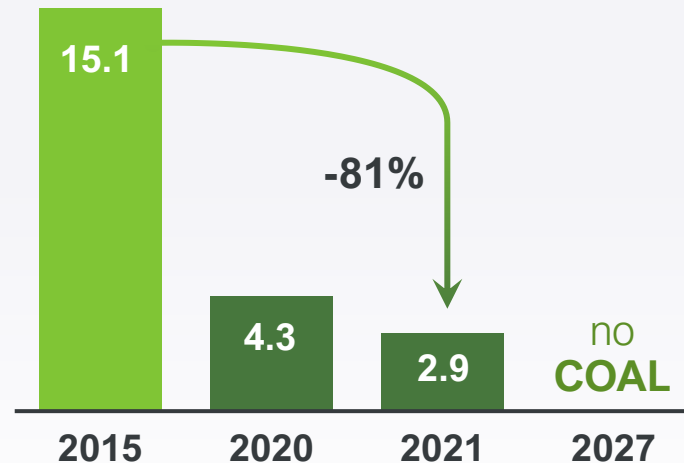


Commitment to phase out coal by 2025 in Europe and 2027 globally

Merit order for a 'just transition' that benefits all stakeholders

1. Closing
2. Conversion
3. Disposal

Coal power generation
(GW@100%¹)



2021 achievements

2 coal power plants exited

Brazil – Jorge Lacerda

0.7 GW sold

Sale of the asset conducive to ensuring the gradual transition of the regional economy, reducing potential local socio-economic impacts when compared to a process of operational decommissioning.

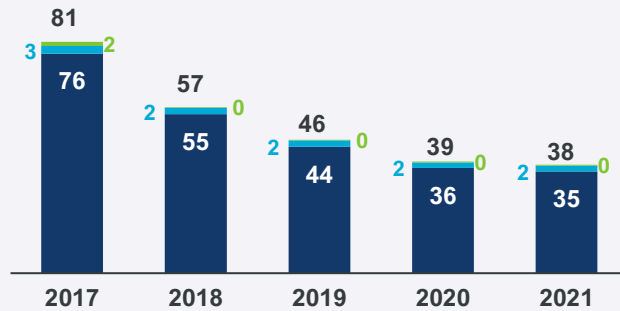
Portugal – Tejo

0.6 GW - closed



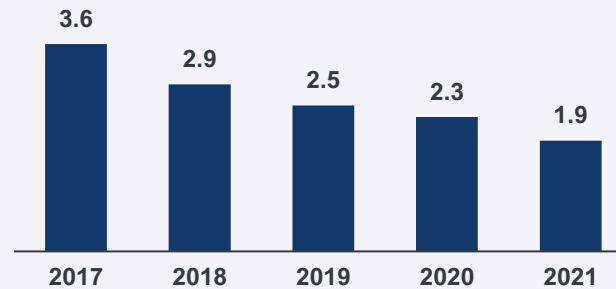
-30% of total GHG emissions since 2017

Scope 1 (direct emissions)
(MtCO₂ eq.)



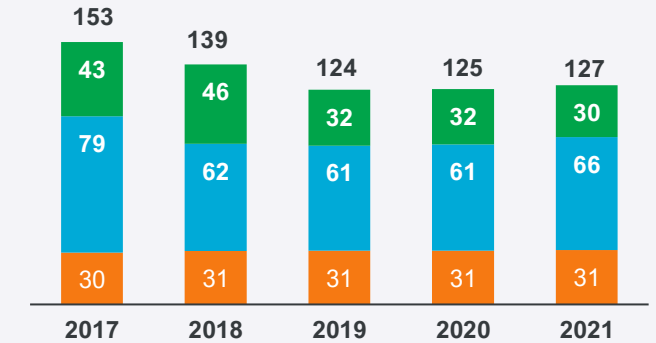
- Energy production (controlled assets)
- Gas networks
- Other Scope 1 categories

Scope 2 (indirect emissions)
(MtCO₂ eq.)



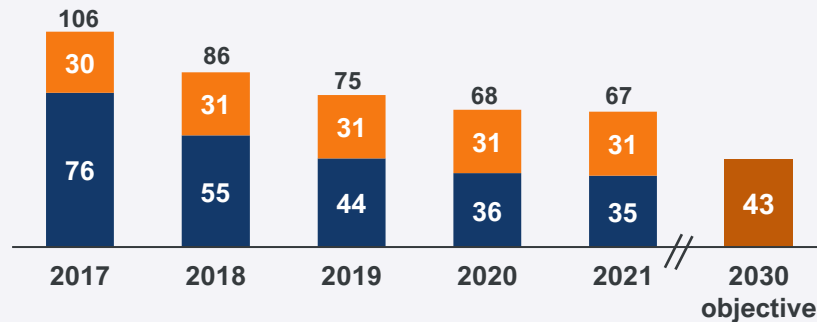
- Consumption of electricity, steam, heating or cooling

Scope 3 (indirect emissions)
(MtCO₂ eq.)



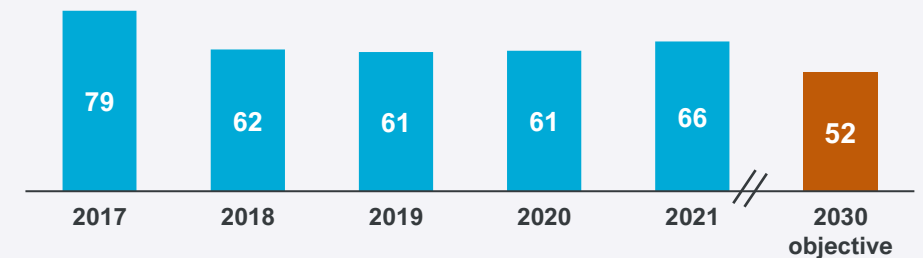
- Energy production (non controlled assets)
- Use of sold products
- Other Scope 3 categories

GHG emissions from energy production
(MtCO₂ eq.)



- Emissions Scope 3
- Emissions Scope 1

GHG emissions from use of sold products
(MtCO₂ eq.)



- Use of products sold

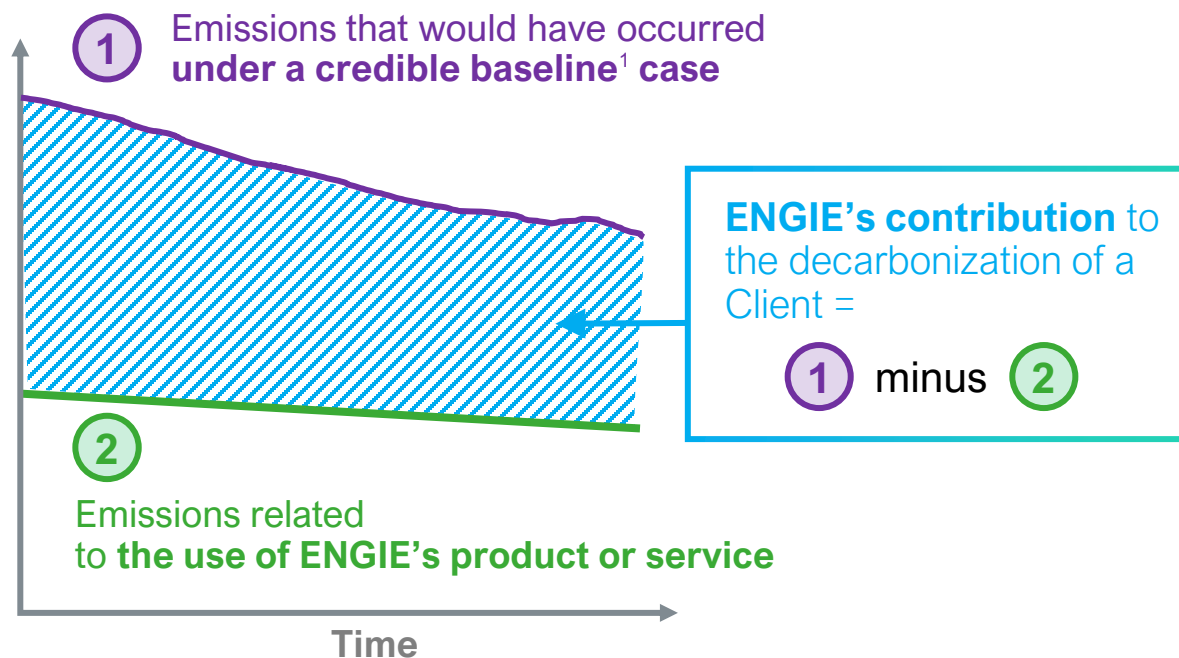


Decarbonisation of Clients emissions through ENGIE products and services

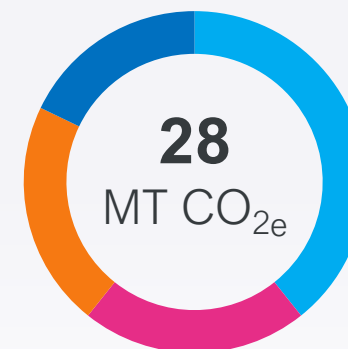
Helping clients incrementally reduce their carbon emissions with a robust methodology

GHG emissions

(ton CO_{2e})



~28 Mt CO_{2e}
avoided for clients in 2021
(21 Mt CO_{2e} in 2020)



- Production of green energy
- Commercialization of energy savings & carbon certificate
- Purchase & resell of green energy
- Decentralized energy infrastructures & associated services (of which 1Mt EQUANS)

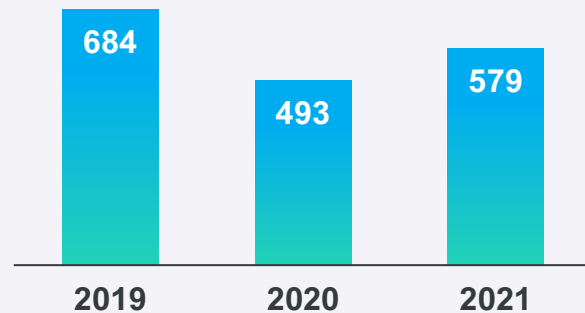
~45 Mt CO_{2e}
avoided / year by 2030

1. The baseline is the most likely alternative in the absence of the product or service provided by ENGIE



Developing a culture to reduce CO₂ for ENGIE as a workplace

CO₂ emissions related to the ways of working
(ktCO₂ eq.)



CO₂ emissions related to ways of working need 100% of ENGIE employees' commitment

Target: Net-zero carbon by 2030 related to business travel, corporate fleet, commuting, buildings, digital uses and devices.

2021 emissions are 15% below 2019 emissions (2020 data is not considered relevant due to the pandemic).

Employees have endorsed ENGIE's CO₂ reduction target and walk the talk notably strongly limiting their business travel compared to 2019 beyond travel restrictions due to Covid crisis.

ENGIE's Sustainability Academy to support employees' engagement to be active players of ENGIE's strategy through:

- Regular events connecting people and experts to exchange on strategic choices and their impact on business
- Annual Sustainability Learning Days gathering people from all GBUs and Regions
- Learning programs to master sustainability challenges at ENGIE and be able to accompany our business partners' ambitions.



Adapting to climate change

Scenario Analysis

Partnership with IPSL (Institut Pierre Simon Laplace) to better understand 2030 and 2050 climatic events

Study based on our main production technologies and mapping of the evolution of their performance due to climate change

4 main extreme climate events studied



Heatwave



Water Stress



Flood



Extreme wind event

Impacts on Group's strategy

Assessment of the impact of climate change on ENGIE's strategy with review of all our countries / regions

3 key issues:

- Country vulnerability to climate change
- Value of current assets with regards to climate change
- Resilience of 2030 strategic objectives

Operational Preparedness

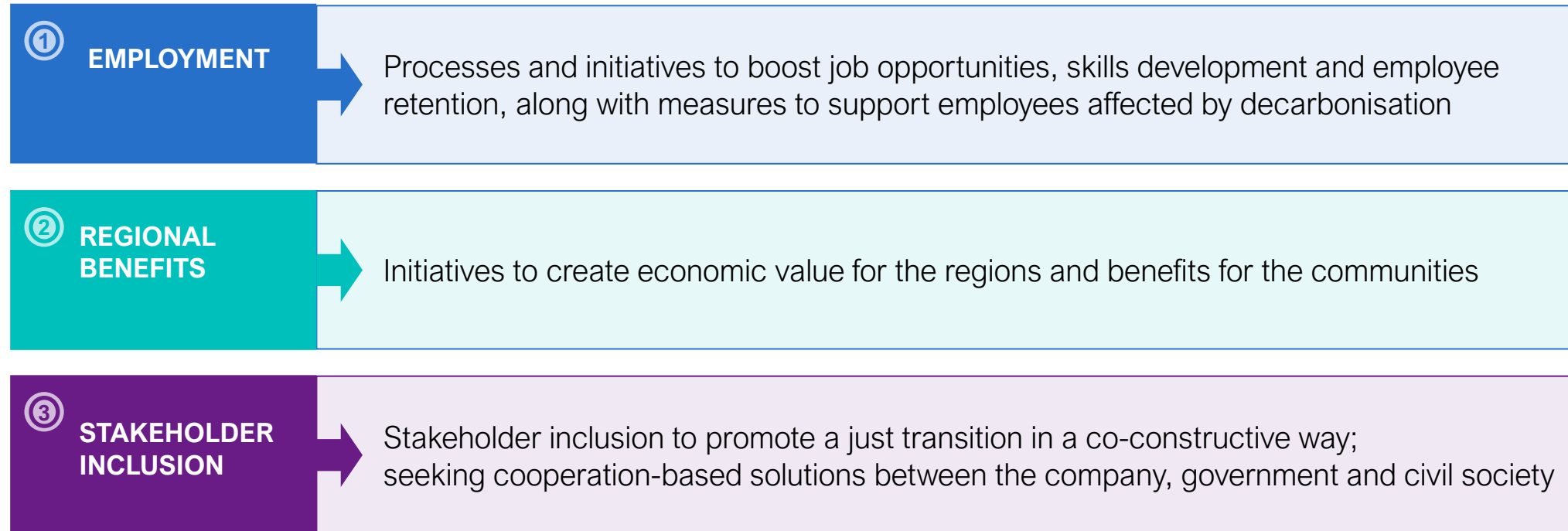
Identification of ENGIE sites with high vulnerability to climate change

Current build up of Group adaptation plans to reduce vulnerability to climate change

ENGIE's commitment for a just transition

For ENGIE, transitioning to net zero by 2045 means taking into account the social impacts of the energy transition. Therefore, the just transition principles must be embedded in all our projects at local level and must be developed in partnership with workers, unions, communities and suppliers.

In line with the Paris Agreement on Climate Change, ENGIE commits to decarbonise while ensuring a just transition of the workforce and the creation of decent work and quality jobs in accordance with nationally defined development priorities.



Committed to Just Transition for workers, communities, customers & citizens: examples

Coal phase-out in Chile

- Workplan to reconvert 5 units of coal (800 MW) in 1000 MW of renewable projects (work in progress until 2024)
- **Challenge:** solution to include all stakeholders (communities, unions, local authorities, workers, contractors)
- Closing of the 2 first units without social conflicts, 100% of direct workers (33) relocated
- **Workplan taken for example** for other decarbonization projects by the Chilean Ministry of Energy

COP 26

- ENGIE signatory of the Pledge on energy crisis and just transition coordinated by **C40 Cities Climate Leadership Group, ITUC (International Trade Union Confederation) & BTeam** calling for government leadership in climate crisis and spiraling energy prices

Organic backyards in Mexico

- Construction of a 306 km natural gas transmission pipeline which runs through 3 states
- Workshops with the 89 impacted communities to develop a common social investment program
- For 5 consecutive years training and transfer of knowledge to 100 women & their families to develop backyard gardens in their homes and in community areas.
- **Generation of additional income to the family economy.** With a total investment of \$262,000, women have installed 750 m² of greenhouses, develop 4,500 m² of productive land, and generate revenues in the order of \$6,200 in 2021

Commercial offers in supply in France

- **“Mon programme pour agir”** gives customers access to a loyalty program: the more their control their consumption, the more points (called KiloActs) they earn. Once enough KiloActs accumulated, customers can invest them in projects that promote energy transition or exchange them for eco-responsible objects that help them consume better

Crowdfunding and shared governance at ENGIE Green

- **Banyuls wind park** (provisional commissioning in 2026) / 6 wind turbines / 13 MW
40% of the project owned by a citizen cooperative
- **Marcoussis PV park** (commissioned in September 2021) / 20 MW (largest PV park in the Region IDF)
€18.8m - 20% community / 60% ENGIE / 20% citizens
- **La Tieule PV park , Drôme** (commissioned in mars 2021) / 15 MW on 18 ha
Inclusive development of PV park with positive social & economic impacts on the territory. Co-activities (apiaries, honey plants), work with persons with disabilities for the production of organic honey and aromatic hedge cultivated by a local company, eco-grazing
€100,000 raised as part of a crowdfunding campaign

ENGIE renews its commitment on biodiversity in 2021



Avoid Reduce Compensate

100% of the files submitted to the Group's CDE in 2022



Application of the "avoid-reduce-compensate" sequence on development projects presented to the Committee on Commitments (CDE), throughout the world, in concertation with stakeholders.

To act simultaneously on the challenges of climate change and biodiversity, contribution to the implementation of nature-based solutions (NbS) in territories



Nature-based solutions

10 projects identified that meet the IUCN NbS standard by 2022

Ecological site management

2025: 50% sites



Implementation of an ecological site management for all of the Group's industrial activities, with a minimum of 0 phytosanitary products and maintenance of green spaces that respects nature.

Continued development of action plans for sites located in or near a biodiversity hotspot by applying the new definition of priority sites, throughout the world.



Priority sites for biodiversity

2025: 50% priority sites with an action plan established with relevant stakeholders

Supply chain

Analysis at least 2 activities per year by 2025



Integrating biodiversity criteria into life cycle assessments to carry out an in-depth analysis of the impacts and dependencies with regard to biodiversity for the Group's activities throughout the value chain, in order to identify the challenges and the appropriate solutions to meet them.

- Delivery of biodiversity awareness modules for all employees
- Creation of a platform for sharing good practices

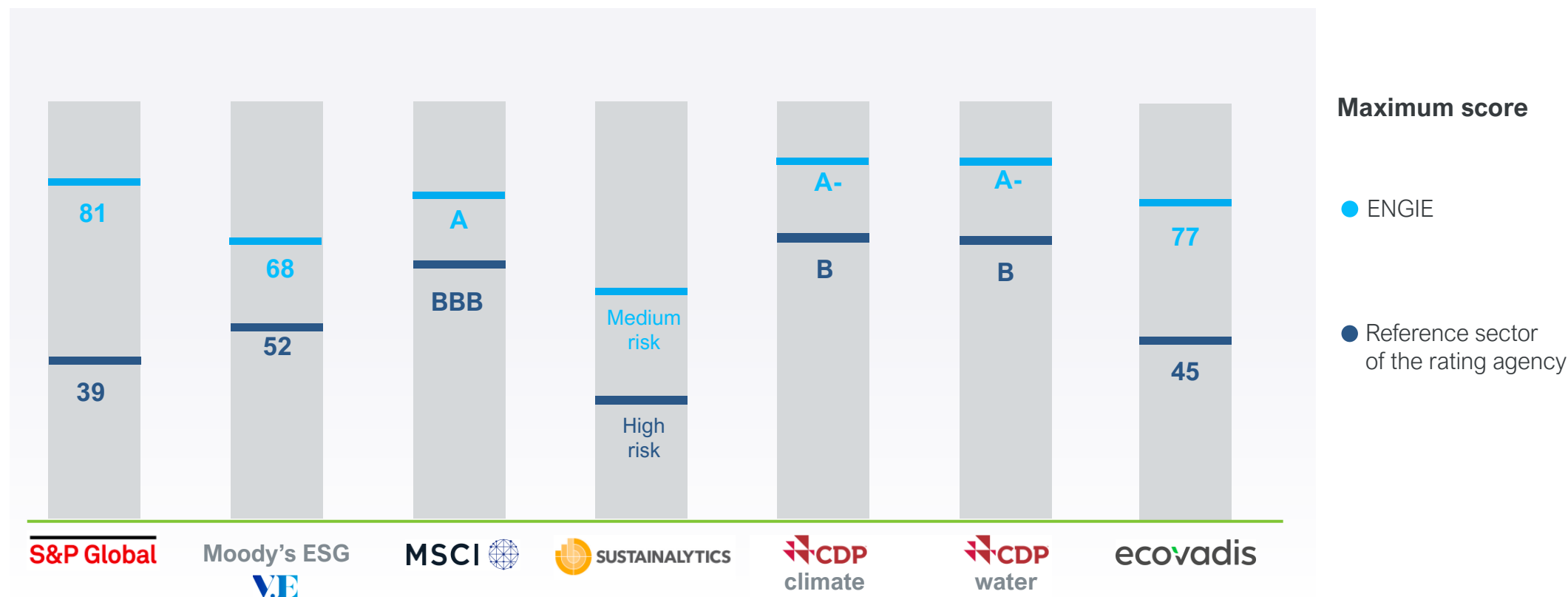


Awareness-raising and sharing good practices

2 modules minimum per year by 2025 - 2022 - 2023: 3000 employees/year

ENGIE CSR ratings and indexes

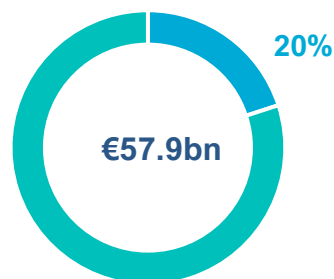
ENGIE listed in main indexes: DJSI World, DJSI Europe, Euronext Vigeo World 120, Euronext Vigeo Europe 120, Euronext Vigeo Eurozone 120, Euronext Vigeo France 20, STOXX® Europe 600 ESG-X, STOXX® Europe 600 ESG Broad Market, STOXX® Global 1800 ESG Broad Market, STOXX® Global 1800 ESG-X, MSCI EUROPE ESG Universal Select, MSCI EUROPE Climate Change CTB, MSCI EMU ESG, MSCI World ESG Universal Select, MSCI World Climate Change CTB, CAC 40 ESG, Bloomberg Gender-Equality Index





Eligibility of activities for the European taxonomy

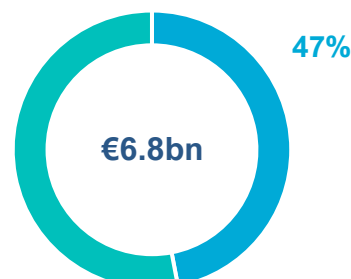
Turnover Taxonomy 2021



Low eligible turnover (20%) due to the weight of trading activities in a high commodity price environment (€20 billion not covered by the taxonomy) and energy supply (12 out of €13 billion not covered)

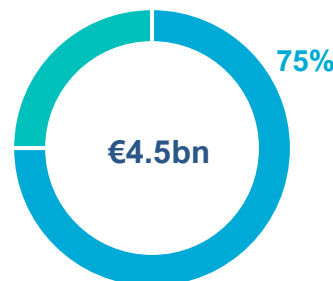
- Eligible for taxonomy
- Not covered by taxonomy

Capex Taxonomy 2021

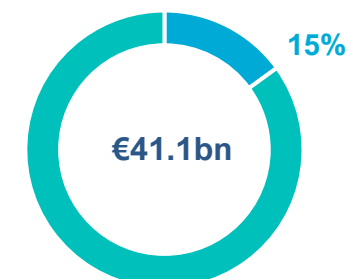


Capex (maintenance & growth) eligible at 47% thanks to the Renewables (€2.4 billion) and Energy Solutions (€0.8 billion) GBUs offset by the not covered Capex of the Networks GBU (€2.3 billion).

Growth Capex 2021



Opex¹ Taxonomy 2021



Low eligible Opex (15%) due to energy purchases in a high commodity price environment included in Others and, to a lesser extent, uncovered expenses of the Networks and Thermal & Supply GBUs

1. Opex includes expenses related to day-to-day servicing & operating of assets



Committed to increase Group financing through sustainable finance instruments

**A pioneer & leader
on the Green Bond market**

with **€14.25bn**
of green bonds issued since 2014

ESG related bonds' share of outstanding bond
financing expected to climb further **over the next
10 years to reach more than 60%**

€9bn

*of Sustainability-linked Revolving Credit Facility.
Margin indexed on two climate change KPIs*

€2.5bn

*of Green Project Finance
(not financed by the Group's Green bonds)*

21,500

employees invested in solidarity fund
Rassembleurs d'énergies

>75%

of assets funding pension liability
invested with asset managers
signatories of UN PRI

Financing in Chile

In the context of CO₂ reduction by **80%** by
2026 and **€1.5bn** investment by 2025,
ENGIE Chile and Inter-American
Development Bank put in place an
innovative financing structure allowing
ENGIE Chile to monetize the cost of
decarbonisation.

**Adherence to the
B Team principles**

THE B TEAM

Responsible taxation recognized by the
World Benchmarking Alliance

€2.5bn

of assets funding Group's
French pension liabilities with
integrated ESG criteria

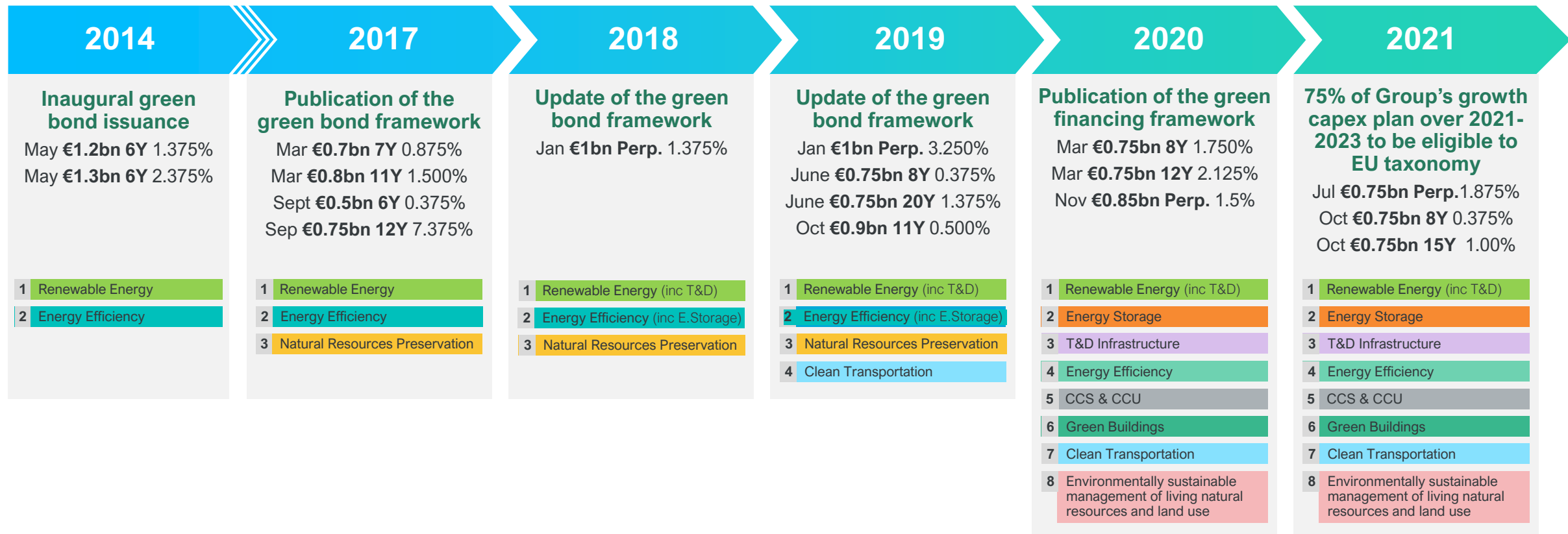
€41m of investments in gender equality
funds for French pension liabilities

100% of Money Market funds invested
by Group's treasury
with ESG investment screening



ENGIE's commitment to the green bond market (1/2)

ENGIE is one of the world's top issuers in green bonds with >€14bn issued since 2014, of which €2.3bn in 2021

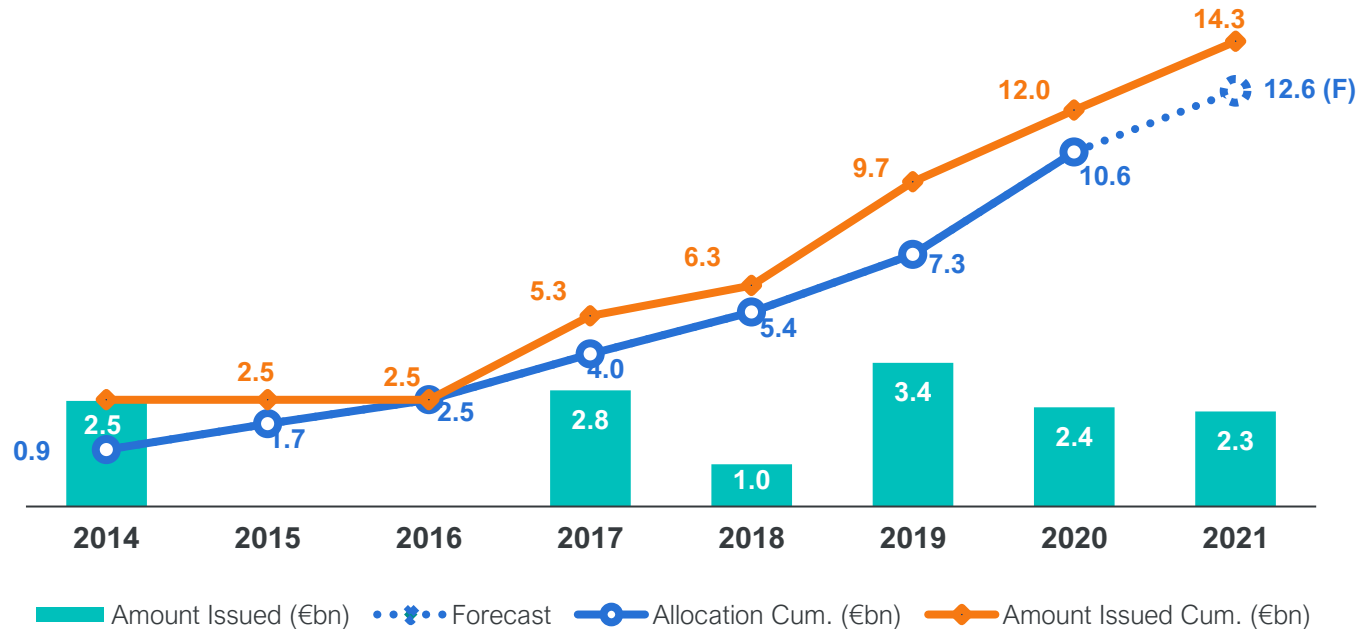


ENGIE's commitment to the green bond market (2/2)

ENGIE is one of the world's top issuers in green bonds with >€14bn issued since 2014, of which €2.3bn in 2021

Historical issuance and allocation

€bn as at Dec 2021



A green bond (GB) is a bond that is specifically earmarked to raise financing for climate and environmental projects. Allocations to green projects are verified and reported annually (in the URD). These bonds carry the same credit rating as the issuers' other debt obligations.



ENGIE committed to social improvements

Diversity

Gender Equality Index

- France: 89¹ ; International: 82¹
- Target 2030: 100 globally

Gender Diversity

- 24.6%¹ of women in management
- Target 2030: 50% of women in management



Afnor diversity label extended to October 2022 in France

ENGIE is starting to be recognized among the largest companies in France, Europe and the world in terms of efforts on gender diversity, as shown by the results below:

- 7th in the List of Women in Leadership Led by the Ministry Responsible for Equality between Women and Men (out of 120 SBF companies);
- 47th in the European Gender Diversity Index Report 2021 issued by European Women on Boards - EWOB (out of 668 European companies evaluated) and 7th among French companies
- Nominated at the 2022 Bloomberg Gender Equality Index among 418 internationally recognized companies

Hiring, Training, Engagement

Apprenticeship³

- ~ 6,000 apprentices¹
- Target 2030: $\geq 10\%$ of workforce in Europe
- ENGIE's "Apprenticeship training center" dedicated to energy transition and climate businesses, count over 100 young trainees in just one year since its creation.

Training

- ~82%¹ of employees trained
- Target 2030: 100%

Employee commitment²

- 80%¹ would recommend ENGIE as a good place to work
- > 83% fully committed

Health & Safety

Safety

- Prevent serious and fatal accidents: "No life at risk" program
- Injury frequency rate = 2.9^{1,4}
- Target: ≤ 2.3 by 2030

Well-being at work

- "No mind at risk" program
- 9 commitments for workplace wellbeing

ENGIE Care

- Social protection for all Group employees worldwide by 2023

1. 2021 figures

3. In Europe

2. ENGIE internal survey

4. Excl. Covid-19 effects

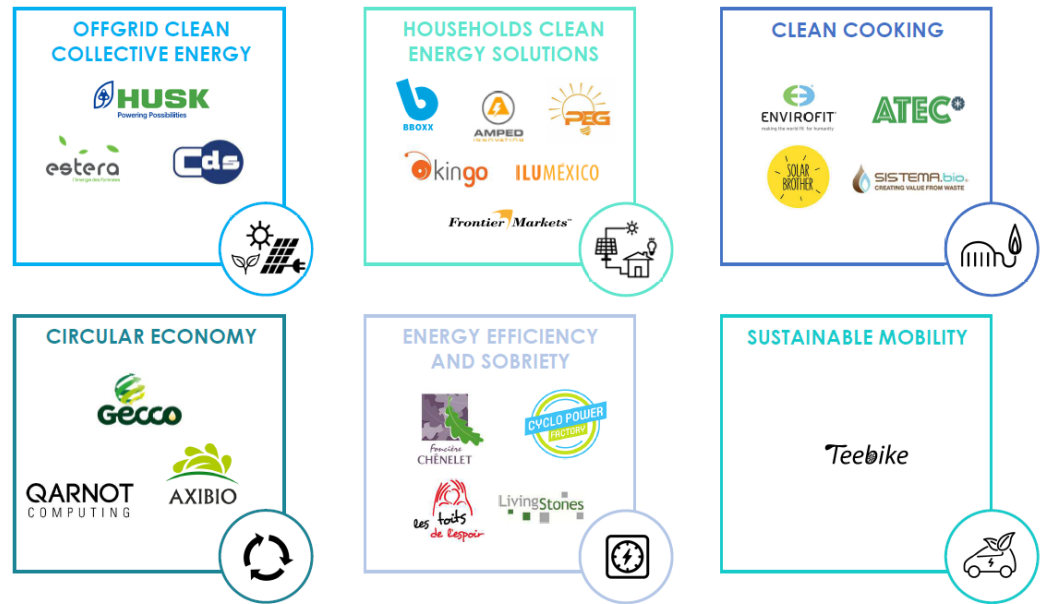
ENGIE Rassembleurs d'Energies

A robust track record



A GLOBAL & DIVERSIFIED PORTFOLIO

- 21 active investments
- €38m invested as of end of 2021



SOCIAL LEADERSHIP



B.Corp
certification



French
'Société à Mission'
status

HIGH SOCIAL & ENVIRONMENTAL IMPACT

- 6.5 million beneficiaries for energy access
- 27,000 jobs created of which 50% women
- 4 women CEOs, a gender equality focus
- 0.5 MtCO₂ eq avoided per year

EMPLOYEE ENGAGEMENT

21,500 employees
invested in Rassembleurs d'énergies solidarity fund