



EDF PRESENTATION

JUNE 2024



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EDF PRESENTATION

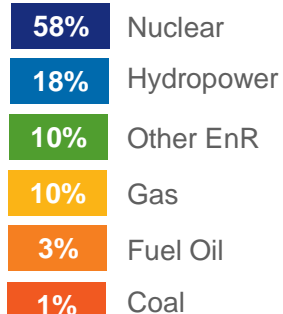
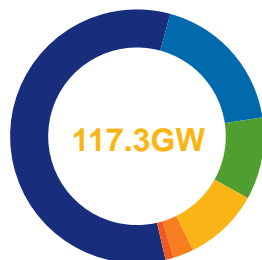
A world leader in generating carbon-free electricity, constantly available on demand



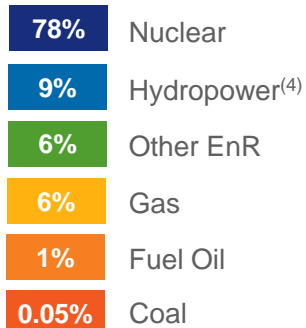
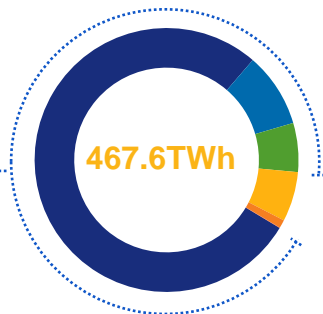
EDF GROUP 2023 KEY FIGURES

Operational figures as of end 2023

- **40.9 million** customer sites
- **117.3GW** installed capacity⁽¹⁾



- **467.6TWh** electricity output⁽²⁾



93%
decarbonised
generation⁽⁸⁾

- **179,550** employees

o/w. ~66,000 at EDF SA, ~ 40,000 at Enedis, ~18,000 at Framatome, ~ 21,000 at Dalkia, ~ 11,600 at EDF Energy, ~6,000 at Edison & ~5,000 at EDF Renewables

2023 Financials

- Sales: **€139.7bn**
- **EBITDA: €39.9bn**
- Net income excluding non-recurring items⁽⁵⁾: **€18.5bn**
- **Net investments⁽⁶⁾: €19.1bn**
- **Net financial debt : €54.4bn**
Green bonds issued on 2013-2023: **~€11bn**
- **Ratings⁽⁷⁾: BBB positive (S&P) / Baa1 stable (Moody's) / BBB+ stable (Fitch)**

EDF, the world leader in low-carbon electricity generation

- **Carbon intensity: 37gCO₂/kWh**
- **First producer worldwide** of zero direct CO₂ emission electricity⁽⁸⁾.
- **EDF's trajectory validated by Moody's** as in line with a 1.5°C global warming scenario⁽⁹⁾
- **4gCO₂eq/kWh**: carbon footprint of nuclear life-cycle ⁽¹⁰⁾

(1) Consolidated capacities of EDF Group.

(2) Output from fully consolidated entities.

(3) Direct carbon emissions related to generation, excluding life cycle assessment of generation means and fuels.

(4) Hydro output including pumping and sea energy.

(5) Net income excluding non-recurring items is not defined by IFRS standards, also see note 19.1 of the consolidated financial statements.

(6) Total net investments including acquisitions.

(7) Sources: rating agencies as of 08/04/2024.

(8) Enerdata Power Plant [Tracker](#) in 2022 (latest publication).

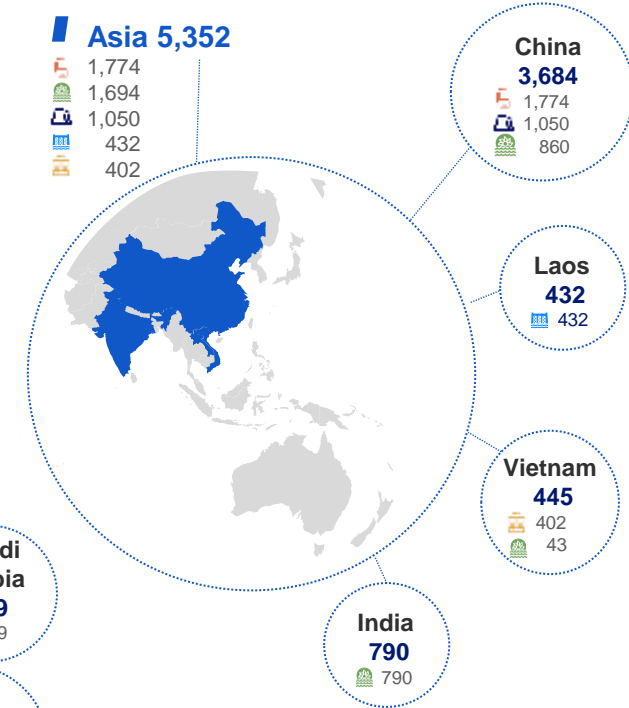
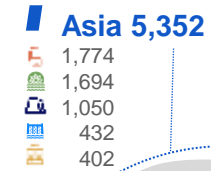
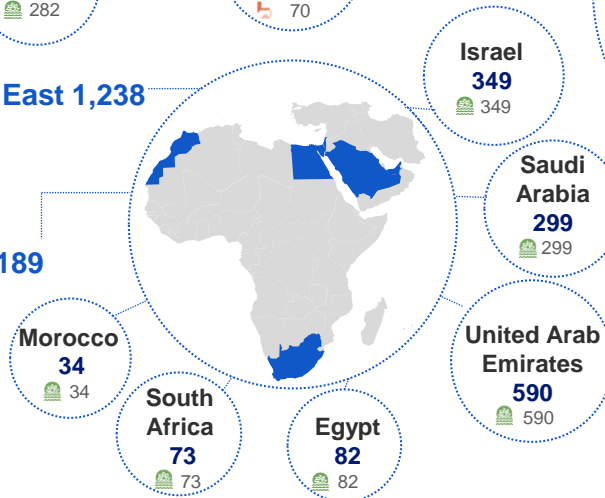
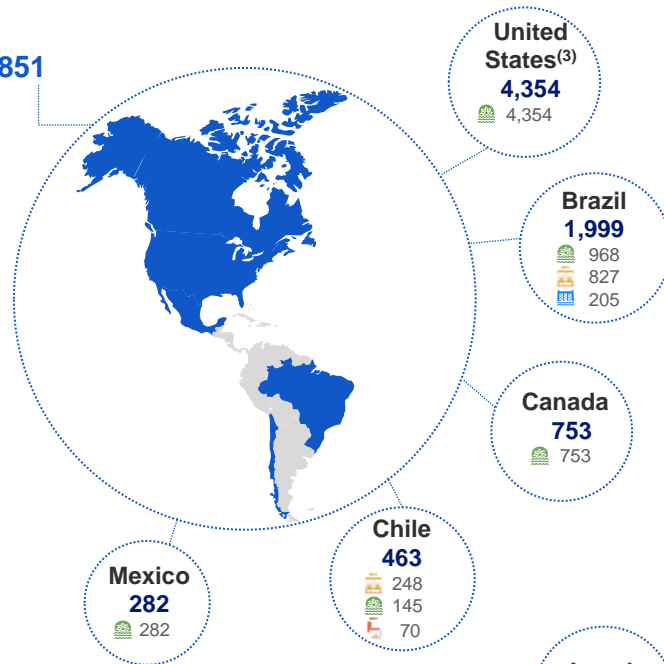
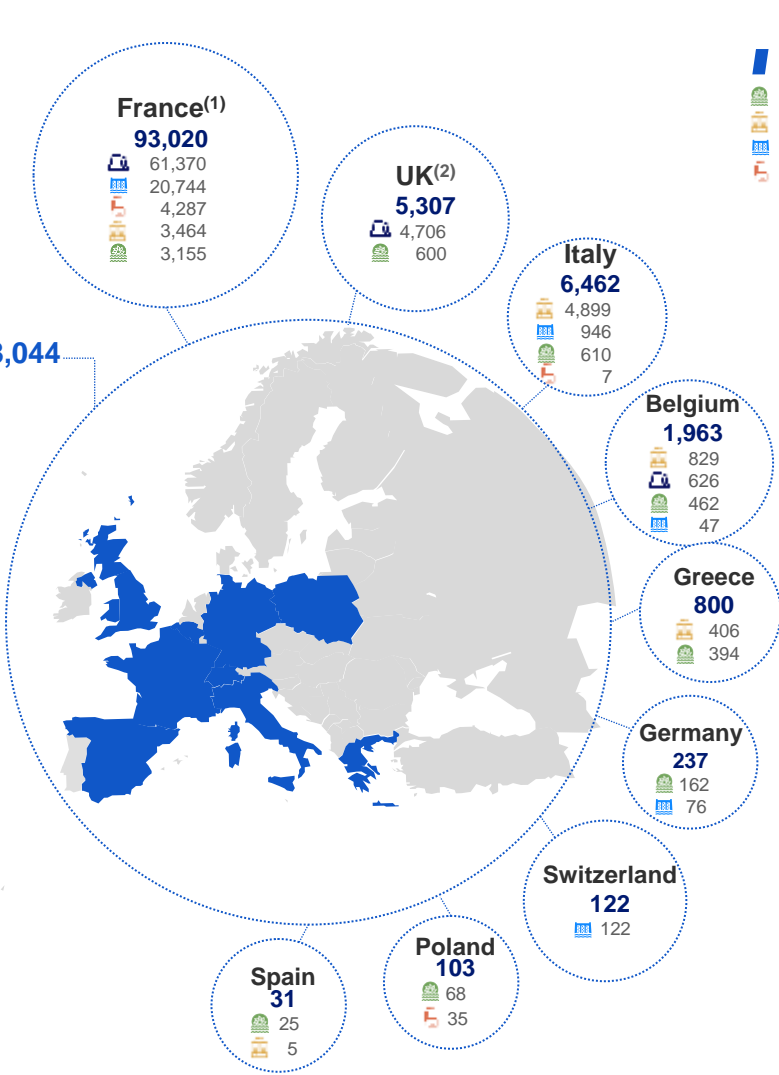
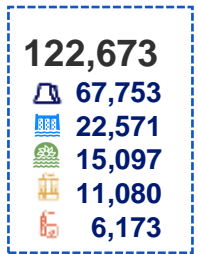
(9) Net Zero Assessment [report](#).

(10) 2022 [Life Cycle Analysis Report](#) (latest publication).

EDF GROUP'S NET INSTALLED CAPACITY BY COUNTRY AT END-2023

Net capacity according to EDF's percentage ownership in Group companies, including associates and joint ventures.

In MW



(1) Including small hydropower plants in mainland France and assets in overseas France.

(2) End of generation of West Burton A on 31/03/2023, last coal plant in the UK for EDF.

(3) Excluding energy storage capacity and EDF Renewables biogas production capacity.

1 RAISON D'ÊTRE⁽¹⁾, 4 PILLARS, 16 CSR COMMITMENTS

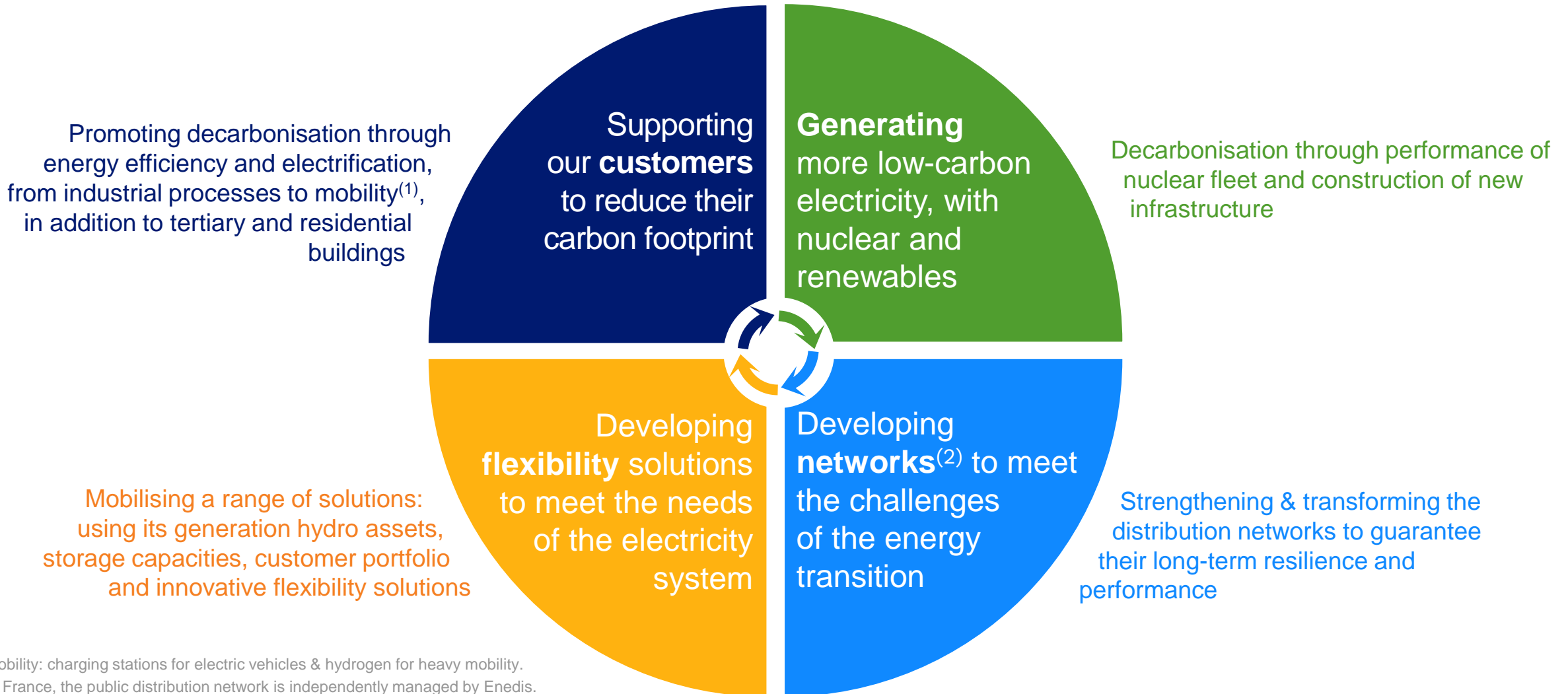
To build a net zero energy future with electricity and innovative solutions and services, to help save the planet and drive wellbeing and economic development



(1) EDF's *Raison d'être*, approved by the Shareholders' Meeting of 07/05/2020.

(2) Priority SDGs as defined in WBCSD public report: "An SDD Roadmap for Electric Utilities".

INDUSTRIAL AND HUMAN CHALLENGES FOR ALL THE GROUP'S BUSINESSES LINES IN FRANCE AND INTERNATIONALLY FOR 2035



(1) Mobility: charging stations for electric vehicles & hydrogen for heavy mobility.

(2) In France, the public distribution network is independently managed by Enedis.

A COMMITMENT TO LOW-CARBON GROWTH

First producer worldwide of zero direct CO₂ emission electricity⁽¹⁾ (434TWh)

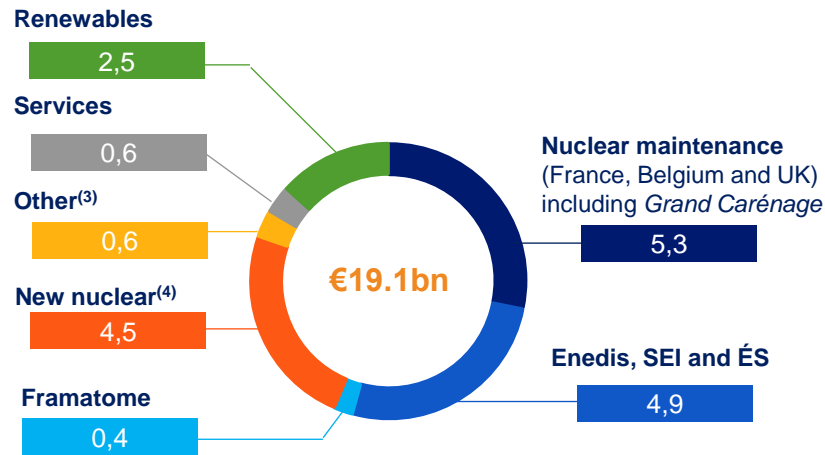
93% decarbonised generation⁽²⁾ thanks to nuclear 78% & renewables 15%

Renewable energy leader in Europe

Installed renewable capacity of 47GW gross worldwide at end-2023 with a target of **100GW gross in 2030**

First energy company investor – 95% of the net investments are made in accordance with its carbon neutrality target

End-2023 (in €bn)



99% of EDF R&D's operating budget in France is dedicated to decarbonation and energy systems transition

Nuclear & renewable pipeline of projects

- Nuclear projects : 5 EPR

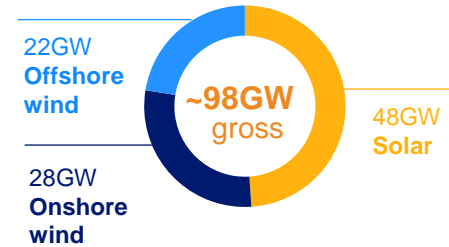


France : **Flamanville**
(~1.6GW to be connected in summer 2024)

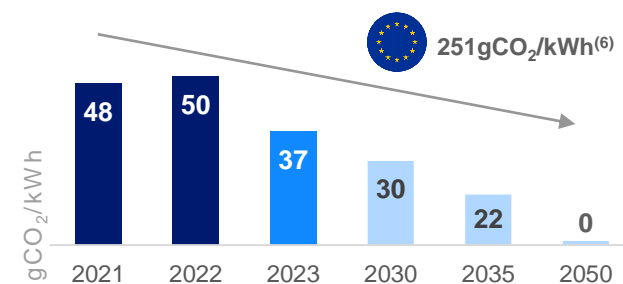


UK :
Hinkley Point C (3.26GW under construction)
Sizwell C (3.26GW under development)

- 6 EPR2 to be developed in France, SMR & international EPR projects
- A large portfolio of renewable projects – end-2023



Target: net zero CO₂ emissions by 2050⁽⁵⁾ & new ambitions



Carbon intensity more than 6x lower than European average

(1) Enerdata Power Plant [Tracker](#) in 2022 (latest publication).

(2) Direct carbon emissions related to generation, excluding life cycle assessment of generation means & fuels.

(3) Mainly thermal maintenance, gas, property, central functions.

(4) Including HPC, Flamanville 3 and EPR2.

(5) For the 3 scopes.

(6) EU 27 value in 2022, European Environment Agency.



EDF, A COMPANY COMMITTED TO PROTECTING THE CLIMATE



Since the Paris Agreement, EDF developed its actions and commitments dedicated to climate: committing to its direct and indirect emissions, developing its governance and keeping its leader position in CDP Climate.

NET ZERO TRAJECTORY



TCFD

Commitment to decreasing the emissions of scope 1

-40%



FRENCH BUSINESS CLIMATE PLEDGE



Well below 2°



A- Water Security 2020 Niveau leadership



CLIMATE

A- Water Security 2020 Niveau leadership

Transition Pathway Initiative (4)

- 2025 short-term alignment
- 2035 medium-term alignment
- "1.5 degrees"
- 2040-50 long-term alignment
- "Below 2 Degrees"



First climate resolution submitted to the General Assembly

Carbon intensity: 37gCO₂/kWh

EDF Group raises its ambition to limit CO₂ emissions

| | | | |
|--|--|--|---|
| Scope 1 ↓ -60% ⁽¹⁾ | Scope 1 ↓ -70% ⁽¹⁾ | Scope 1 ↓ -80% ⁽¹⁾ | <u>In scope 1:</u> ↓ Zero net emission |
| | Carbon intensity ↓ 30gCO ₂ /kWh | Carbon intensity ↓ 22gCO ₂ /kWh | |
| | Scope 3 ↓ -28% ⁽²⁾ | | <u>In 3 scopes</u> ↓ -90% ⁽³⁾ |

Moody's Net Zero Assessment⁽⁵⁾ scores EDF's ambition to 1.5 degree

(1) Vs 2017 ; (2) Vs 2019.

(3) Expressed by: almost zero direct emissions (Scope 1), decrease in the indirect emissions as important as possible (Scope 3), contribution of the residual emissions through negative emission projects (3 scopes).

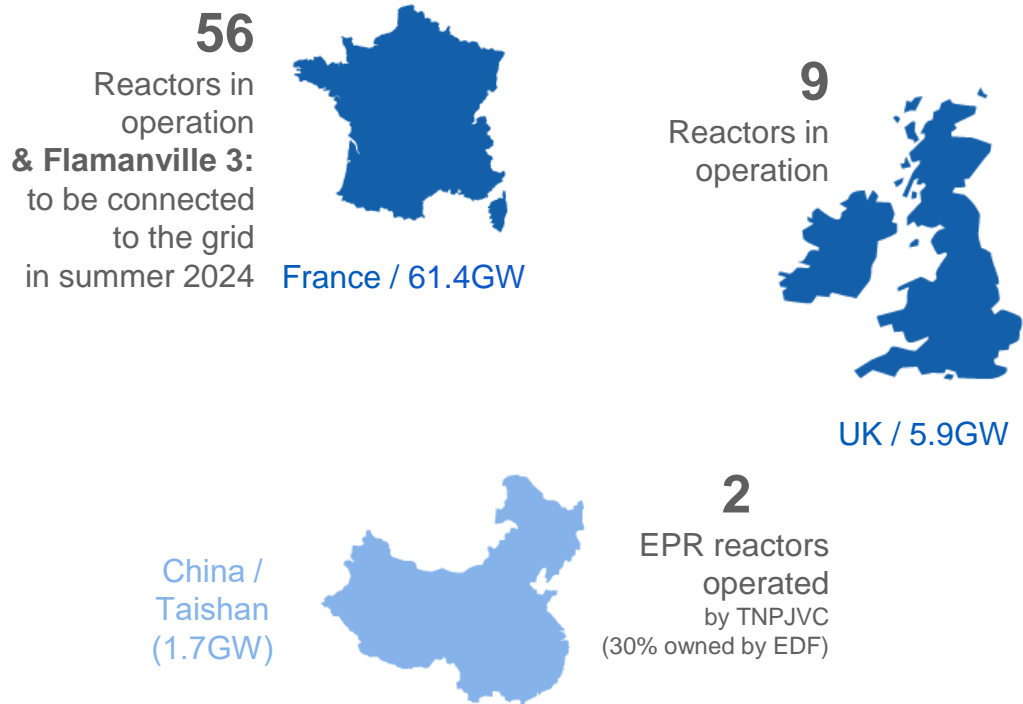
(4) Transition path way [initiative](#).

(5) Net Zero Assessment [report](#).



EDF: UNIQUE & GLOBAL EXPERTISE AND KNOW-HOW IN THE NUCLEAR INDUSTRY

EDF, THE WORLD'S LEADING NUCLEAR OPERATOR⁽¹⁾



EDF MANAGES THE ENTIRE LIFECYCLE OF NUCLEAR GENERATION FACILITIES: DESIGN, OPERATION AND DECOMMISSIONING

- Pooling of EDF and Framatome engineering teams in a joint subsidiary Edvance for new projects **in France and abroad**
- **Aim to continue the operation, safely**, of its reactors **beyond 40 years** in France and to build the success of the first 12 reactors to pass their fourth ten-year inspection to extend their operating life. EDF plans to invest €33bn over the period 2022-2028, as part of the “**Grand Carénage**” programme
- **Construction of EPR-type reactors** (France, the UK) (*o/w Small Modular reactors (SMR) and EPR2*)
- Presence of EDF in the French and international markets for the **decommissioning** of nuclear power plants and **radioactive waste treatment** facilities. In the UK, EDF Energy responsible for the AGR power plants’ defueling, and Nuclear Decommissioning Authority responsible for subsequent decommissioning activities
- On 4 November 2022, signature of an exclusive agreement to acquire part of **GE Steam Power’s nuclear activities** (incl. the Arabelle steam turbine), which will take place once all the necessary conditions, including issuance of the required regulatory authorisations, have been fulfilled

(1) IAEA (*International Atomic Energy Agency*), Nuclear power reactors in the world, 2023 edition.

EDF: A EUROPEAN LEADING PLAYER IN RENEWABLE ENERGIES

INSTALLED CAPACITY: 37.7GW NET⁽¹⁾

A DIVERSIFIED MIX WITH 37.7GW IN OPERATION

- **22.6GW of hydropower**
- **14.7GW of wind and solar power**
- **0.4GW others** (biomass, geothermal, ...)

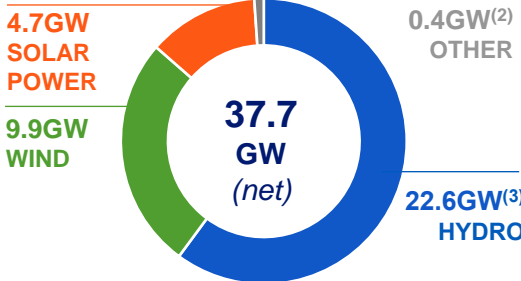
HYDROPOWER

- **Leading European producer** of hydropower
- More than **400 production sites** worldwide

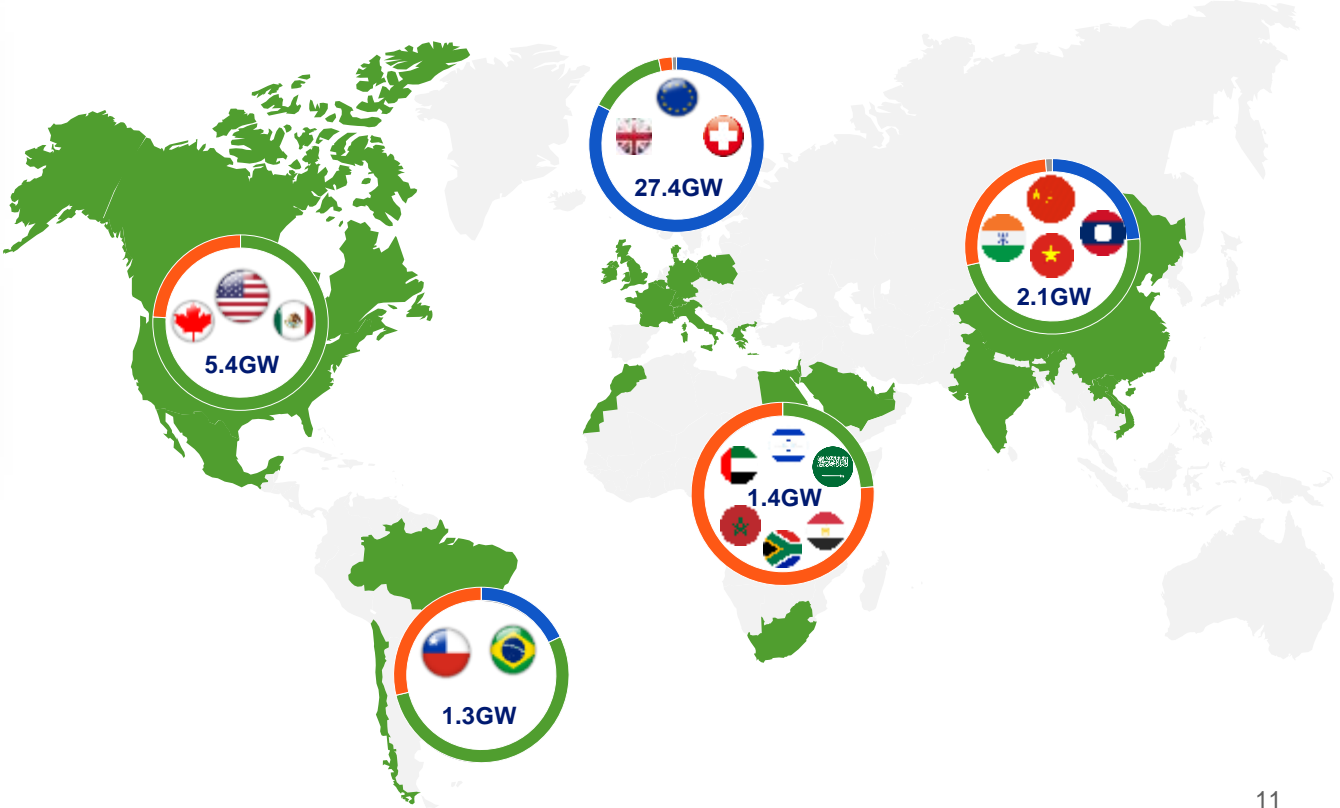
A GLOBAL LEADER IN WIND AND SOLAR ENERGY

- **2.9GW gross** commissioned in 2023
- **6.4GW gross** currently under construction (1.5GW in onshore wind, 1.2GW in offshore wind, 3.7GW in solar)

CAPACITY BY SECTOR:



CAPACITY BY GEOGRAPHY:



NB: situation at 31/12/2023.

(1) Installed capacity shown as net, corresponding to the consolidated data based on EDF's participation in Group companies, including investments in affiliates and joint ventures.
 (2) Biomass and geothermal.
 (3) Including sea energy: 0.24GW.

SUPPLY OF ELECTRICITY, GAS AND HEAT TO 40.9M CUSTOMERS AT END-2023

Electricity
34.3m customers

Gas
6.6m customers



United Kingdom: EDF Energy

3.7m electricity customers
2.2m gas customers

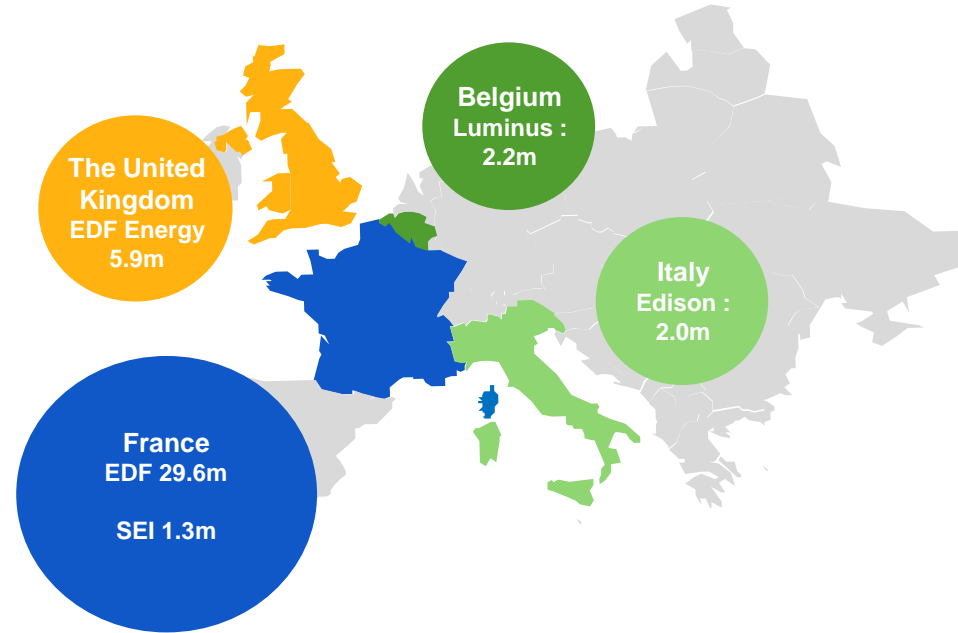
5.4m residential customers accounts

Highly competitive market with ~23 suppliers⁽¹⁾

10.1% market share on all its accounts

44.8TWh electricity sold to customers

27.6TWh gas sold to end customers



France: EDF (incl. Électricité de Strasbourg)

Nearly 27.0m electricity customers
More than 2.6m gas customers

223.9TWh electricity sold to customers
46.3TWh gas sold to customer

France: SEI

1.3m electricity customers
9.9TWh electricity sold to customers

France: Dalkia group (excluding speciality subsidiaries)

26.2TWh sold
22.7TWh for the heating and cooling segment
3.5TWh for the electricity segment



Belgium: Luminus

1.4m electricity customers
0.8m gas customers

The second largest player in the Belgian energy market. ~23% market share
13.5TWh electricity sold
13.2TWh gas sold



Italy: Edison⁽²⁾

1.03m electricity customers
0.98m gas customers

13.7TWh electricity sold (end customers)
56.0TWh gas sold
5.2bcm gas sold (residential and industrial uses)

N.B. The values correspond to the first decimal or integer closest to the sum of the precise values, taking into account rounding. Customers counted by point of delivery. A customer may have two delivery points.

(1) Cornwall Insight data at 31/10/2023.

(2) Includes customers of service activities.

REGULATED ACTIVITIES IN FRANCE (ENEDIS, ÉS⁽¹⁾ & ISLAND ACTIVITIES)

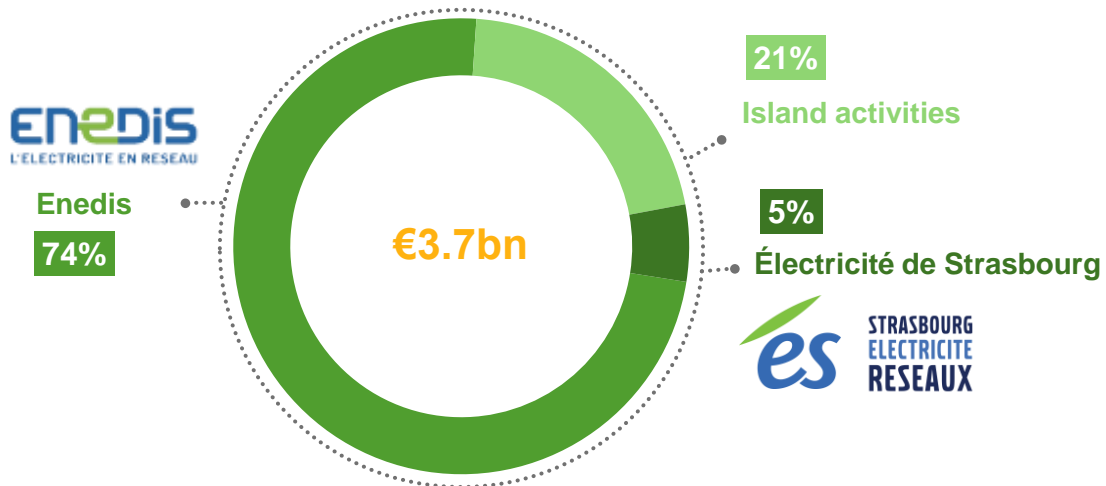
➤ Enedis

- **The largest distribution grid in Europe** and the main distribution grid in France: **connected to 95% of the metropolitan population**
- A **regulated business model**: Enedis has the national monopoly on 376 concession contracts
- Represents usually a share of about **a quarter** in the metrics of the EDF Group: **EBITDA, net investments** (€4.6bn in 2023) and **headcount** (~40k)
- **€96bn net investments** planned over the period 2023-2040

➤ 2023 key figures:

- **€2.7bn**: EBITDA
Exceptional year related to the cost of the buy-back of network losses at a very high price
- **38.5m** customers (o/w 28.9m EDF)
- **1.4m** km electric network

Breakdown of EBITDA



➤ Island activities

- **Integrated business model** including generation, electricity purchases, distribution (via concessions) and supply at the regulated tariff
 - **Capacity 2.0GW⁽²⁾** (fuel 78%, hydropower and other EnR 22%)
 - **Electricity generation 6.1TWh⁽²⁾** (fuel 77%, hydropower and other EnR 23%)
 - **1.3m** of customers (electricity)

➤ Électricité de Strasbourg

- **Electricity distribution** (15,000km electric network), **energy supply** to c. **0.58m** customers (electricity) & 0.11m customers (gas et biogas), **energy services, renewable energy generation**

(1) Électricité de Strasbourg.

(2) Fully consolidated data as of 31/12/2023.

2023 ANNUAL RESULTS



2023 FINANCIAL RESULTS: PARTIAL REDUCTION IN DEBT

| In billions of euros | 2022 | 2023 | Δ |
|--------------------------------------|---------------|-------------|-------|
| Sales | 143.5 | 139.7 | -3.8 |
| EBITDA | (5.0) | 39.9 | +44.9 |
| EBIT | (19.4) | 13.2 | +32.6 |
| Net income excl. non-recurring items | (12.7) | 18.5 | +31.2 |
| Net income – Group share | (17.9) | 10.0 | +27.9 |

Net financial debt (NFD)

€54.4bn

-€10.1bn vs end-2022

NFD / EBITDA ratio

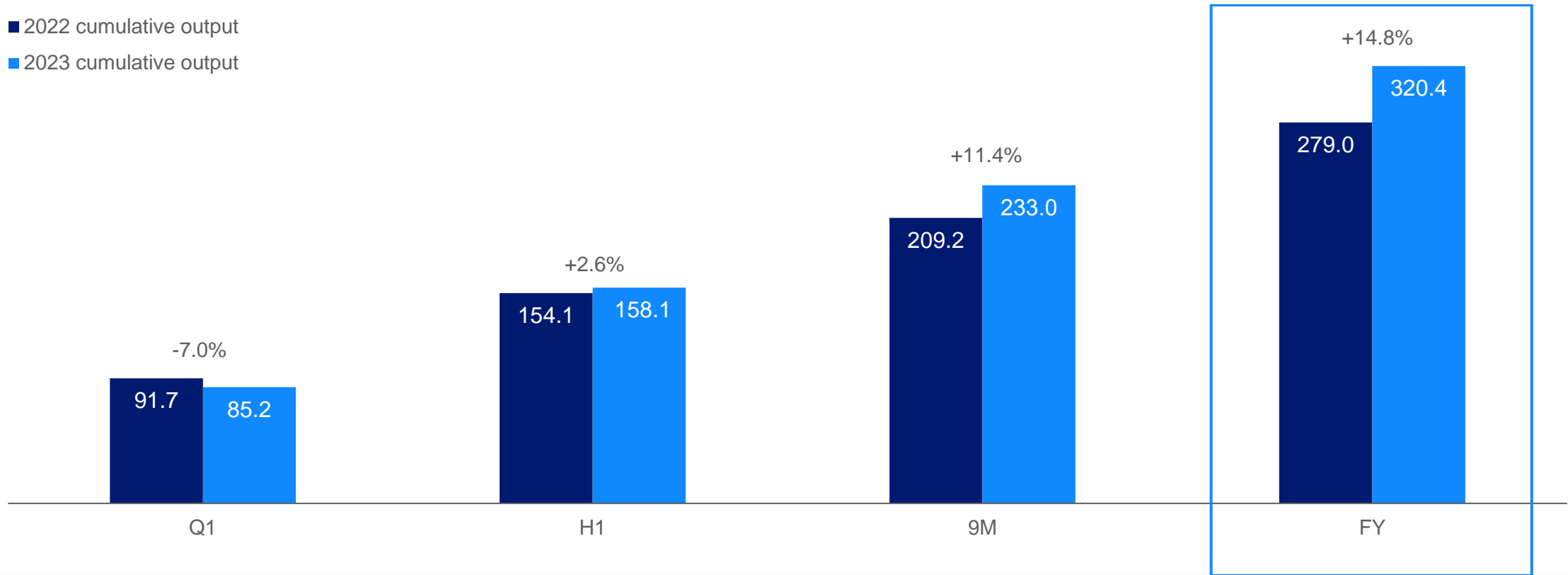
1.36x



RECOVERY IN FRANCE NUCLEAR OUTPUT ENGAGED

(in TWh)

- 2022 cumulative output
- 2023 cumulative output

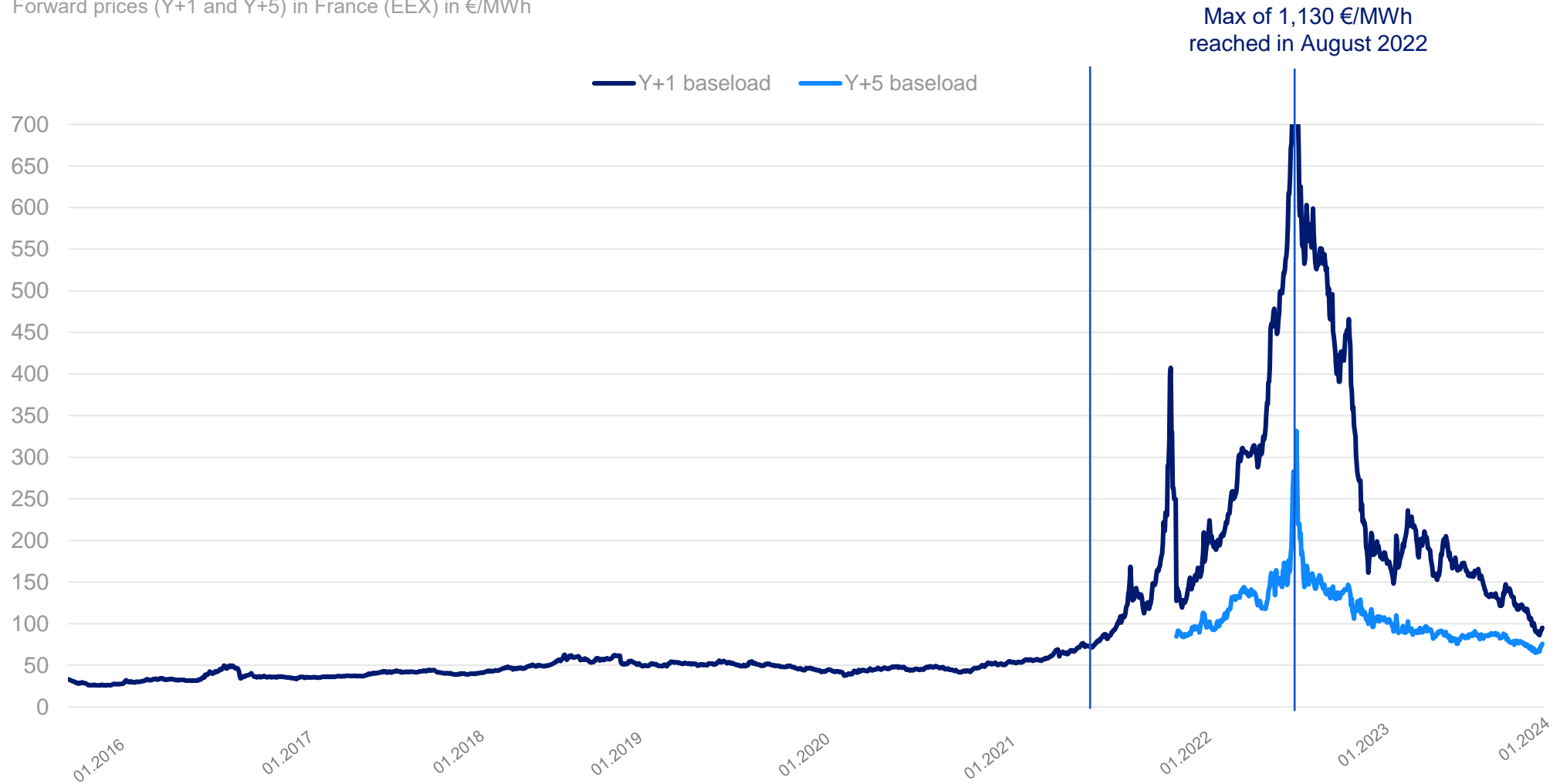


➤ **+41.4TWh of nuclear output in France in 2023 vs 2022**, mainly due to the optimisation and a good management of the stress corrosion treatment works



MARKET PRICES

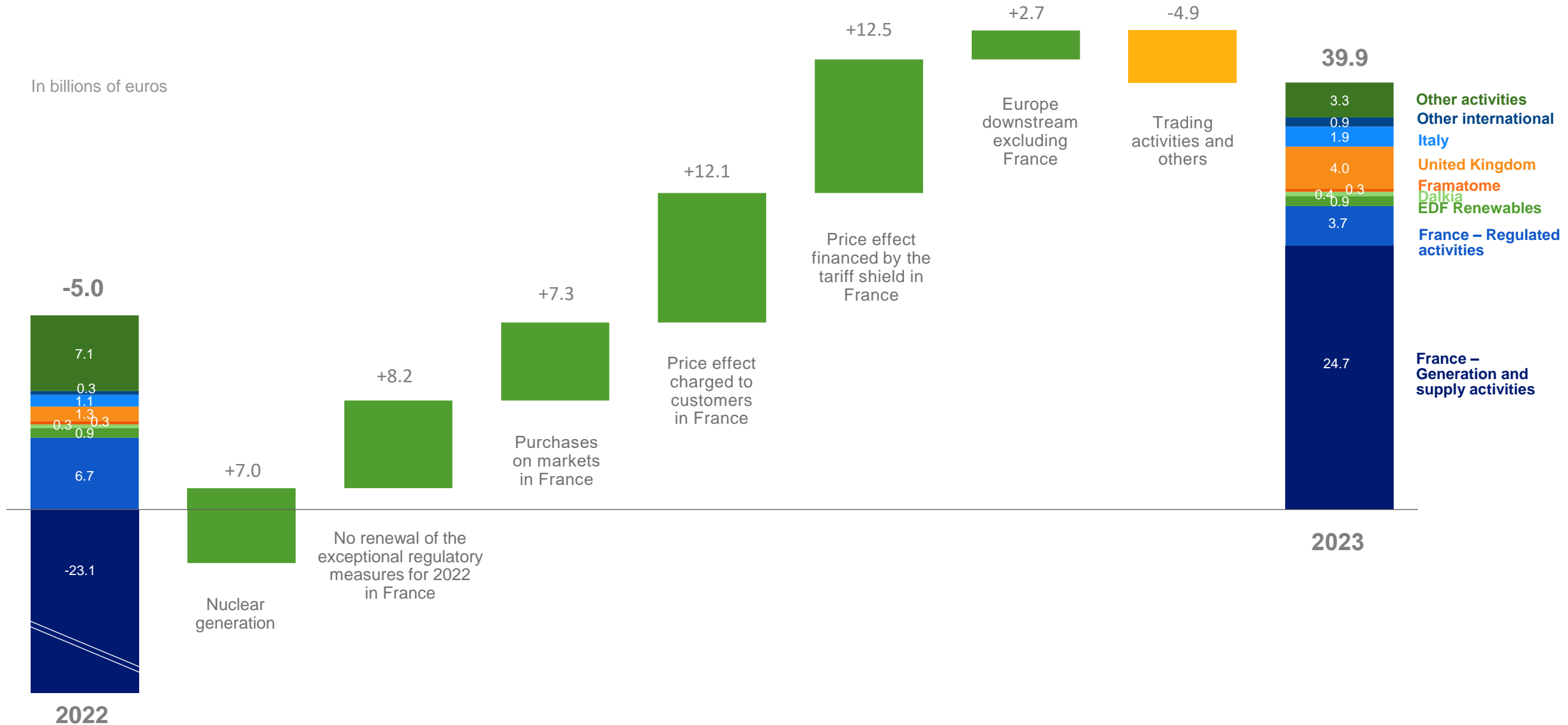
Forward prices (Y+1 and Y+5) in France (EEX) in €/MWh





EBITDA – IMPROVED PERFORMANCE AND HIGH PRICES

In billions of euros





EBIT

| In billions of euros | 2022 | 2023 | Δ |
|---|---------------|-------------|--------------|
| EBITDA | (5.0) | 39.9 | +44.9 |
| Commodities volatility | (0.8) | 0.4 | +1.2 |
| Amortisation/depreciation expenses and provisions for renewal | (11.1) | (11.2) | -0.1 |
| Impairments and other operating income and expenses | (2.4) | (16.0) | -13.6 |
| EBIT | (19.4) | 13.2 | +32.6 |

Impairments in 2023: including, in the United Kingdom, HPC fixed assets for €(11.2)bn and EDF Energy goodwill for €(1.7)bn

NB: The values correspond to the expression to the first decimal or integer closest to the sum of the precise values, taking into account rounding.



NET INCOME

| In billions of euros | 2022 | 2023 | Δ |
|---|---------------|-------------|--------------|
| EBIT | (19.4) | 13.2 | +32.6 |
| Financial result | (3.5) | (3.3) | +0.2 |
| Income taxes | 3.9 | (2.5) | -6.4 |
| Share of net income from associates and joint-ventures | 0.8 | 0.3 | -0.5 |
| (-) Deducting net income from minority interests | 0.3 | 2.4 | +2.1 |
| Net income – Group share | (17.9) | 10.0 | +27.9 |
| <i>(-) Change in financial instruments & commodities fair value</i> | 2.9 | (1.9) | -4.8 |
| <i>(-) Impairments⁽¹⁾</i> | 1.3 | 8.3 | +7.0 |
| <i>(-) Other items</i> | 1.0 | 2.1 | +1.1 |
| <i>Neutralisation of non-recurring items net of tax</i> | 5.3 | 8.5 | +3.2 |
| Net income excluding non-recurring items | (12.7) | 18.5 | +31.2 |

Change in financial result

- Better performance of Dedicated Asset portfolio: +10.2% vs -8.5% in 2022 (+€5.6bn)
 - Stability in the real discount rate of French nuclear provisions⁽²⁾ to 2.5% after the positive impact of 50bp rate increase in 2022 (-€2.5bn)
- Coverage rate** of nuclear provisions by the Dedicated Assets: 108.5% at end-2023, vs 107.1% at end-2022
- Increase in the cost of financial debt of €2.1bn

NB: The values correspond to the expression to the first decimal or integer closest to the sum of the precise values, taking into account rounding.

(1) Including 2023 impairments in the United Kingdom related to HPC fixed assets and EDF Energy goodwill for a total amount of €(7.9)bn net of tax.

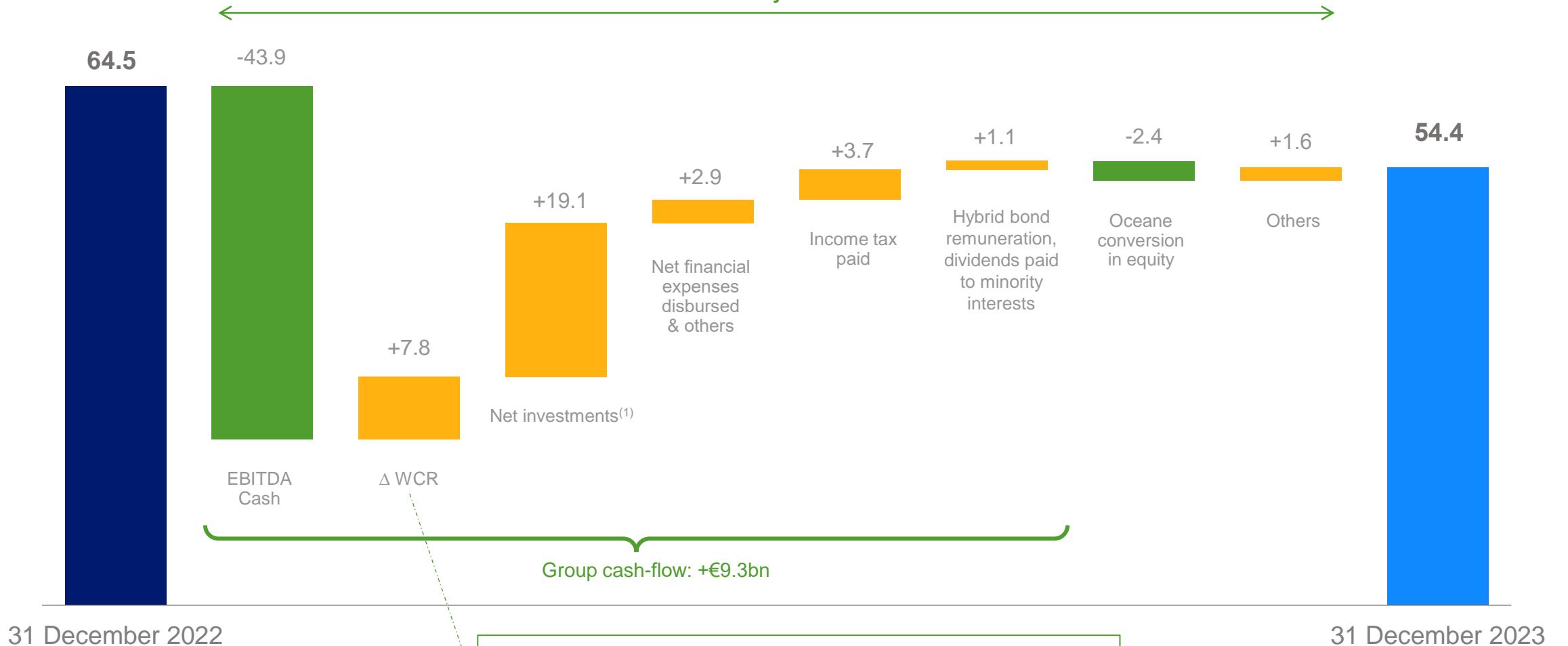
(2) Between 31/12/2022 and 31/12/2023.



PARTIAL REDUCTION IN DEBT

Net financial debt (NFD) in billions of euros

NFD down by €10.1bn



Unfavourable change in WCR:

- Effect of price rise on receivables
- Effect of the €3.9bn reduction in CSPE debt, mainly due to the tariff shield receivable, partially offset by the compensations received in 2023
- Effect on trading activity of +€5.1bn

NB: figures rounded to the nearest whole number.

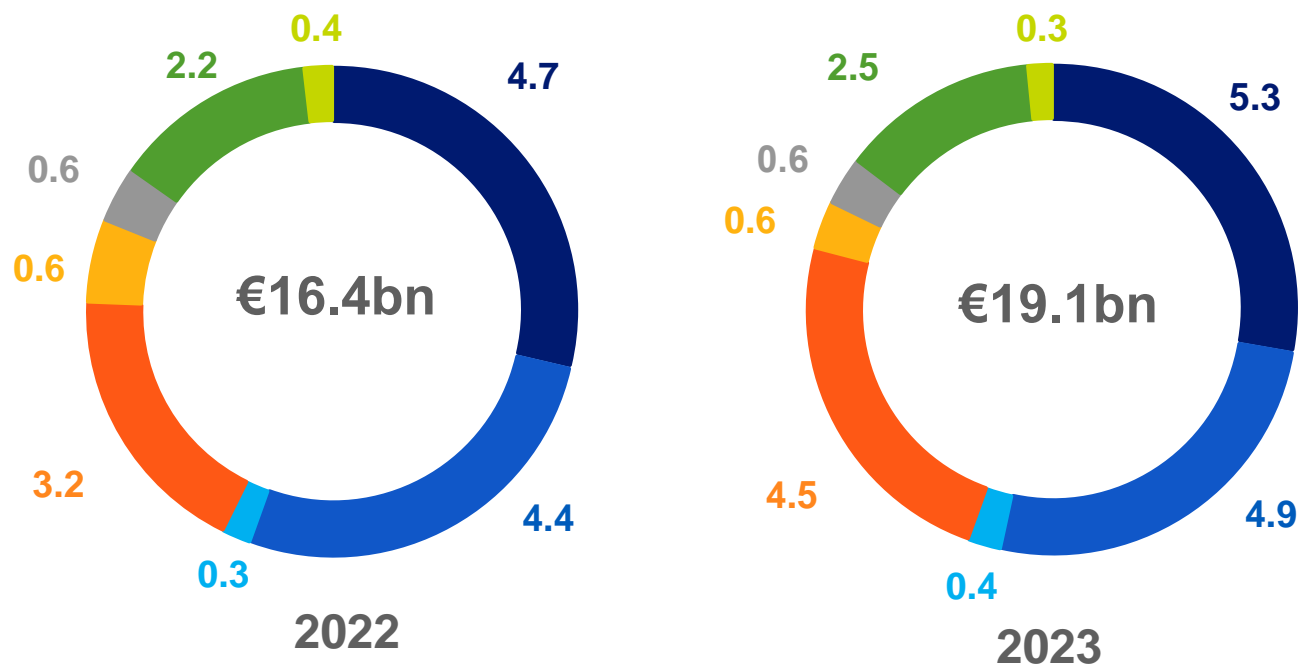
(1) Net investments excluding Group disposals.





NET INVESTMENTS INCLUDING ACQUISITIONS

In billions of euros



- Nuclear maintenance (France, Belgium and UK) including *Grand Carénage*
- Networks
- Framatome
- New nuclear (including HPC, Flamanville 3 and EPR2)
- Others⁽¹⁾
- Services
- Renewables
- Gas, Thermal

NB: figures rounded up to the nearest decimal number.

(1) Mainly property, central functions

| | Maintenance | Development | TOTAL 2023 |
|--|-------------|-------------|-------------|
| Nuclear maintenance (France, Belgium and UK) including <i>Grand Carénage</i> | 5.3 | 0.0 | 5.3 |
| Networks | 2.3 | 2.6 | 4.9 |
| New nuclear (including HPC, Flamanville 3 and EPR2) | 0.0 | 4.5 | 4.5 |
| Renewables | 0.4 | 2.1 | 2.5 |
| Framatome | 0.1 | 0.3 | 0.4 |
| Services | 0.0 | 0.6 | 0.6 |
| Gas, Thermal | 0.1 | 0.2 | 0.3 |
| Others ⁽¹⁾ | 0.1 | 0.5 | 0.6 |
| TOTAL | 8.4 | 10.7 | 19.1 |

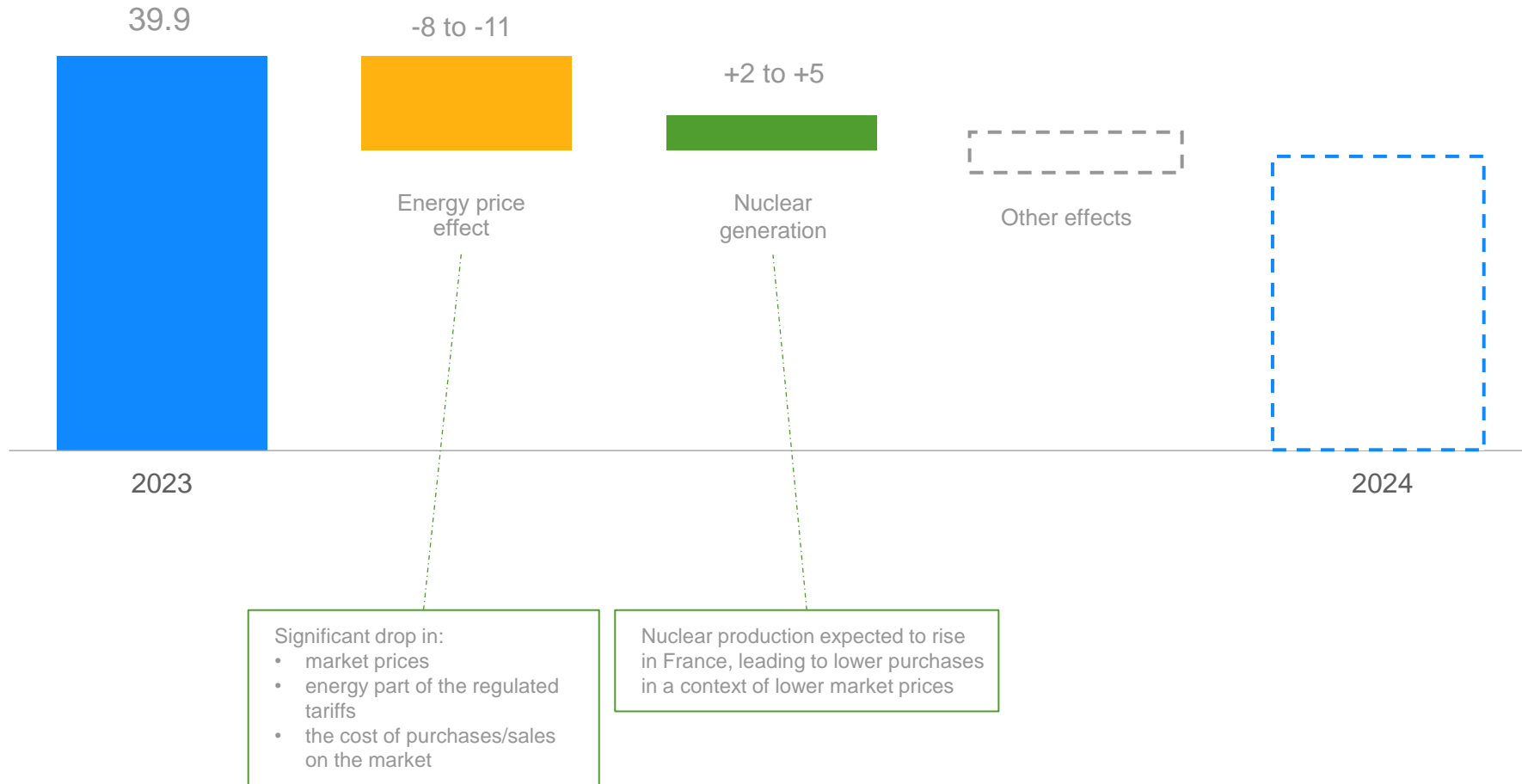
~95% of the Group's investments are made in accordance with its carbon neutrality target

56% of investments correspond to development investments



PROJECTION OF 2024 EBITDA

In billion of euros





2026 TARGETS

Extension until 2026 of the commitment made in July 2023:

NET FINANCIAL DEBT / EBITDA⁽¹⁾

≤ 2.5x

ADJUSTED ECONOMIC DEBT / ADJUSTED EBITDA⁽¹⁾⁽²⁾

≤ 4x

(1) Based on scope and exchange rates at 01/01/2024 and an assumption of French nuclear output, relative to the fleet currently in service, of 315-345TWh for 2024, 335-365TWh for 2025 and 2026.

(2) As per current S&P methodology on the ratio.



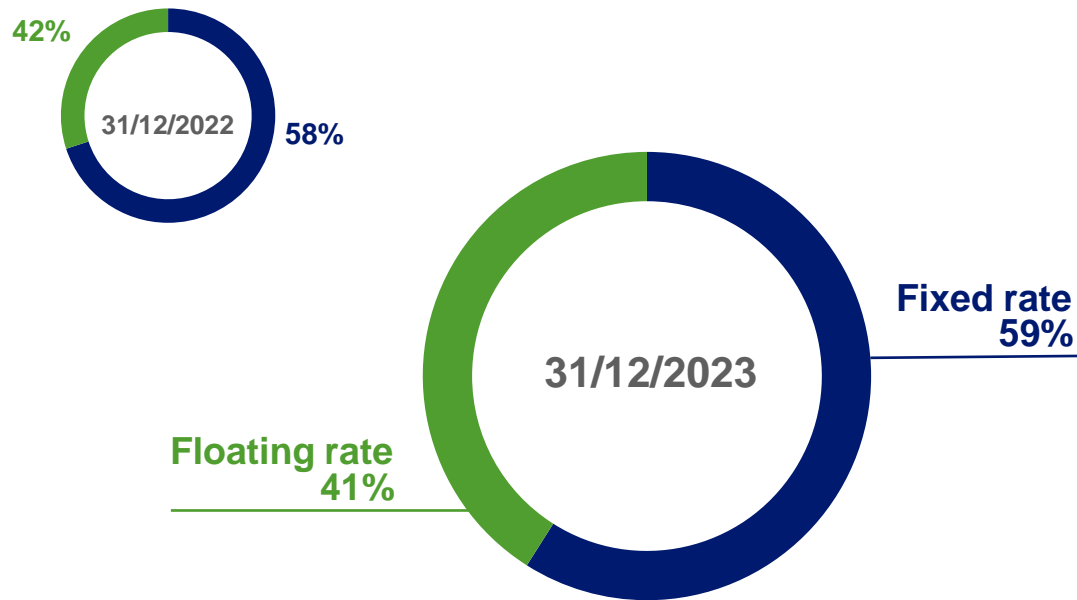
2023 ANNUAL RESULTS

FINANCING AND LIQUIDITY

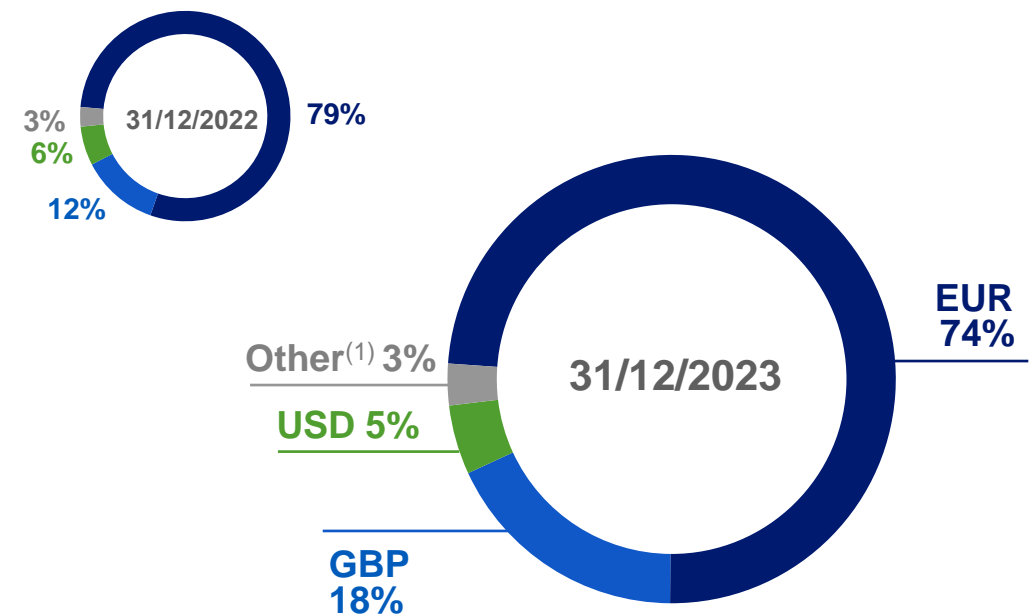
GROSS DEBT

| | 31/12/2022 | 31/12/2023 |
|--|------------|-------------------|
| <ul style="list-style-type: none"> • Average maturity of gross debt | 9.4 years | 11.0 years |
| <ul style="list-style-type: none"> • Average coupon | 2.63% | 4.11% |

Breakdown by type of rate after swaps



Breakdown by currency after swaps



(1) Mainly ILS, INR and BRL.

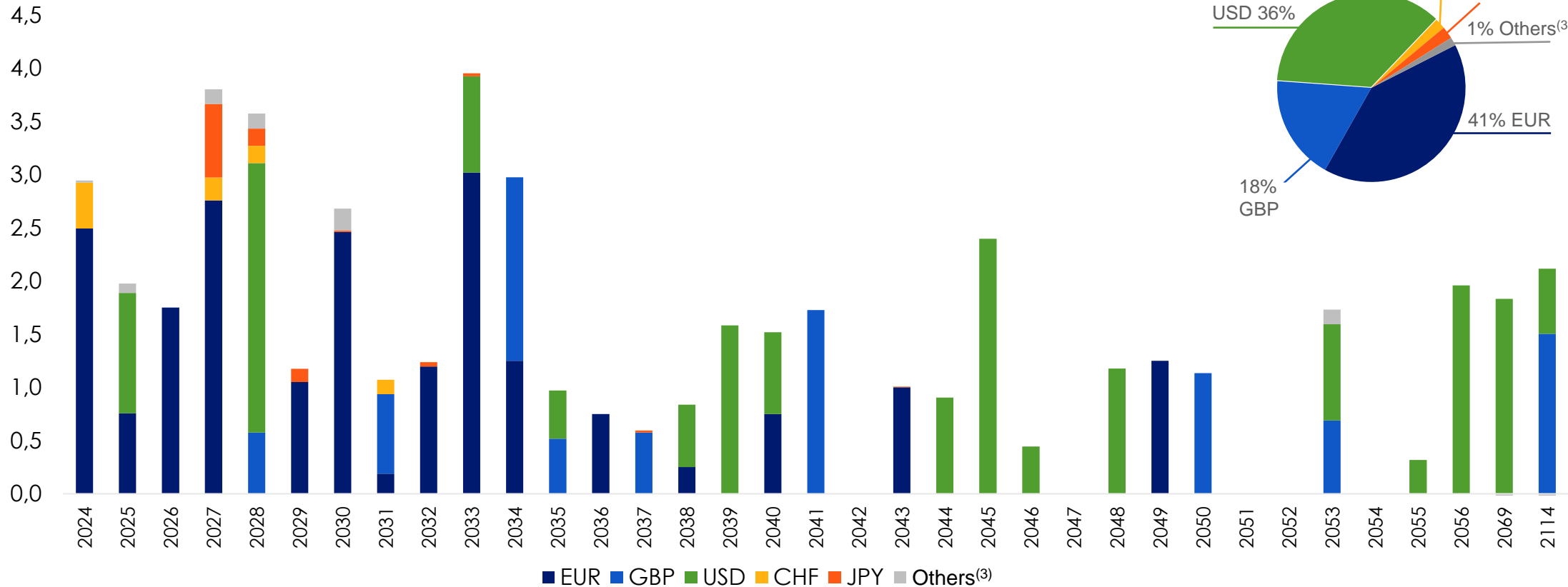
HIGH LEVEL OF LIQUIDITY

| In billions of euros | 31/12/2022 | 31/12/2023 |
|--|-------------|-------------|
| Cash and cash equivalents | 10.9 | 10.8 |
| Liquid assets | 18.5 | 20.1 |
| Unused credit lines (off-balance sheet) | 14.1 | 15.8 |
| Gross liquidity | 43.5 | 46.7 |
| Financial debt – current part (maturing within one year) | (28.7) | (18.9) |
| Net liquidity | 14.8 | 27.8 |

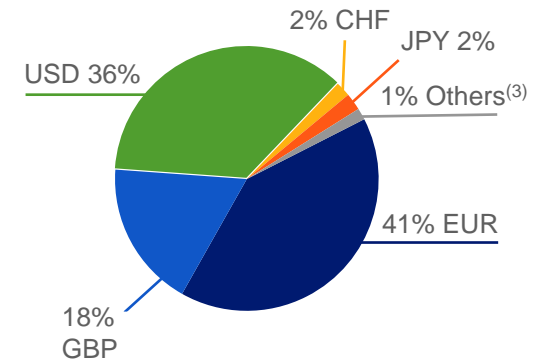
FOCUS ON BONDS⁽¹⁾

Repayments by currency

In billions of euros, before swaps



Stock of bonds as of 31/12/2023: €51.4bn⁽²⁾



(1) Nominal amounts only.

(2) €51.4bn vs €49.1bn in note 18 of the 2023 consolidated financial statement that includes accrued interests and depreciation.

(3) Mainly CAD, INR, HKD, BRL and NOK.

GREEN FINANCING: PROCEEDS ALLOCATION AND IMPACT REPORTING

| Issue date | Maturity | Nominal amount | New renewable capacities | Investments in hydro facilities | Biodiversity projects | Total net ⁽¹⁾ capacity of financed projects (in MW) | Expected net ⁽¹⁾ avoided CO ₂ emissions (in Mt/yr) |
|------------|----------------|----------------|--|---------------------------------|--------------------------------------|--|--|
| Nov. 2013 | 7.5Y | 1,400M€ | 1,400 | - | - | 976 | 1.55 |
| Oct. 2015 | 10Y | 1,250M\$ | 1,250 | - | - | 815 | 1.83 |
| Oct. 2016 | 10Y | 1,750M€ | 1,248 | 502 | - | 1,865 | 1.62 |
| Jan. 2017 | 12Y–15Y | 26,000M¥ | 14,021 | 11,979 | - | 1,219 | 0.13 |
| Sept. 2020 | 4Y | 2,400M€ | 2,246 | 110 | 28 | 1,535 | 1.35 |
| Nov. 2021 | 12Y | 1,850M€ | 1,594 | 189 | 23 | 1,487 | 1.11 |
| | | | | | | 7,897 | 7.59 |
| Issue date | Maturity | Nominal amount | Distribution of electricity projects | | Renewable capacity connected (in MW) | Number of smart meters | New grid lines built (in km) |
| Oct. 2022 | 12Y | 1,250M€ | 1,250 | | 5,181 | 5,488,000 | 2,950 |
| Jul-2023 | Evergreen REPO | 565M€ | 565 | | 2,061 | 614,000 | 1,015 |
| Aug-2023 | 4Y–8Y | 325MCHF | 325 | | 1,976 | 592,000 | 1,976 |
| Issue date | Maturity | Nominal amount | Existing French nuclear reactors in relation to their lifetime extension | | | Expected net ⁽¹⁾ avoided CO ₂ emissions (in Mt/yr) | |
| Nov. 2023 | 3.5Y | 1,000M€ | 1,000 | | | 1.82 | |

The detailed list of EDF Renewables projects and hydraulic investment operations by category will be published in EDF 2023 URD.

(1) Sum of the impacts of each project weighted by the share of total investment funded by the corresponding Green Bond.

FOCUS ON HYBRIDS SECURITIES

Hybrid bond issue

Hybrid bond issues contribute to **strengthening the balance sheet** through their qualification as equity under IFRS and 50/50 as debt and equity by rating agencies

A new \$1.5bn emission paying 9.125%, with a 10-year first call date at EDF's discretion, was issued in June 2023.

A tender offer on the \$1.5bn hybrid bonds, callable in January 2024 was launched at the same time, resulting to a purchased amount of around \$0.9bn (redemption of the remaining outstanding bonds on 22 January 2024)

Hybrid securities stock⁽¹⁾

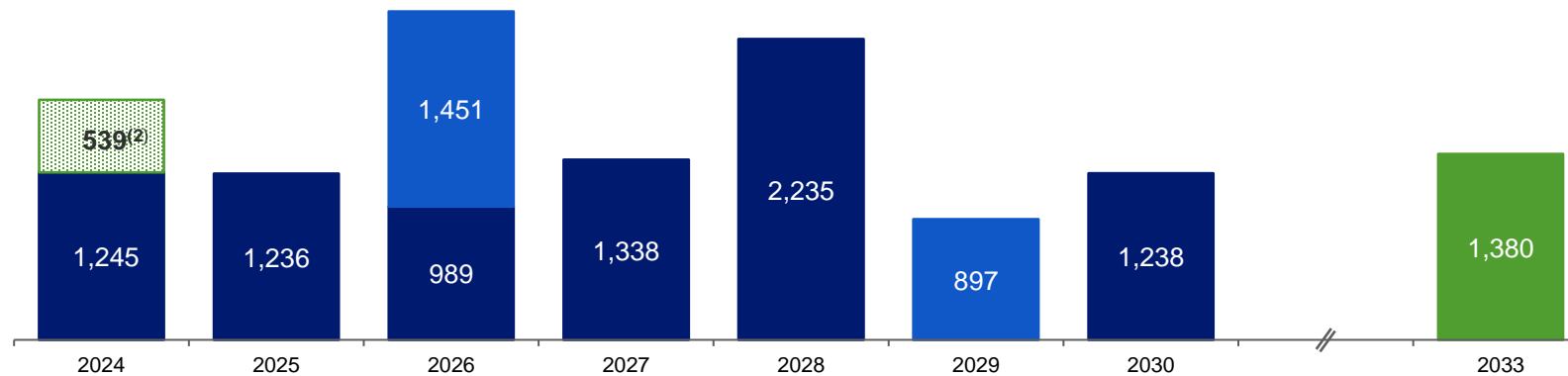
Total amount: €12.0bn⁽¹⁾

Average tenor: 4.02 years

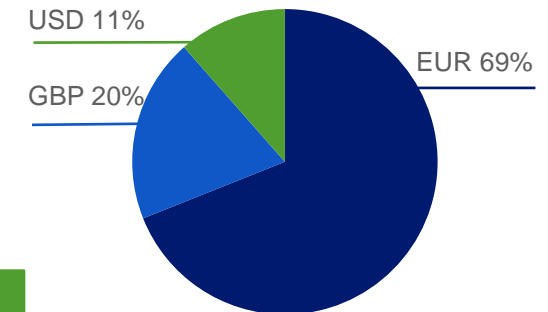
Average cost: 5.16%

Hybrid debt maturity schedule based on first call dates

(in millions of euros)




Hybrids stock breakdown by currency as of 31/12/2023

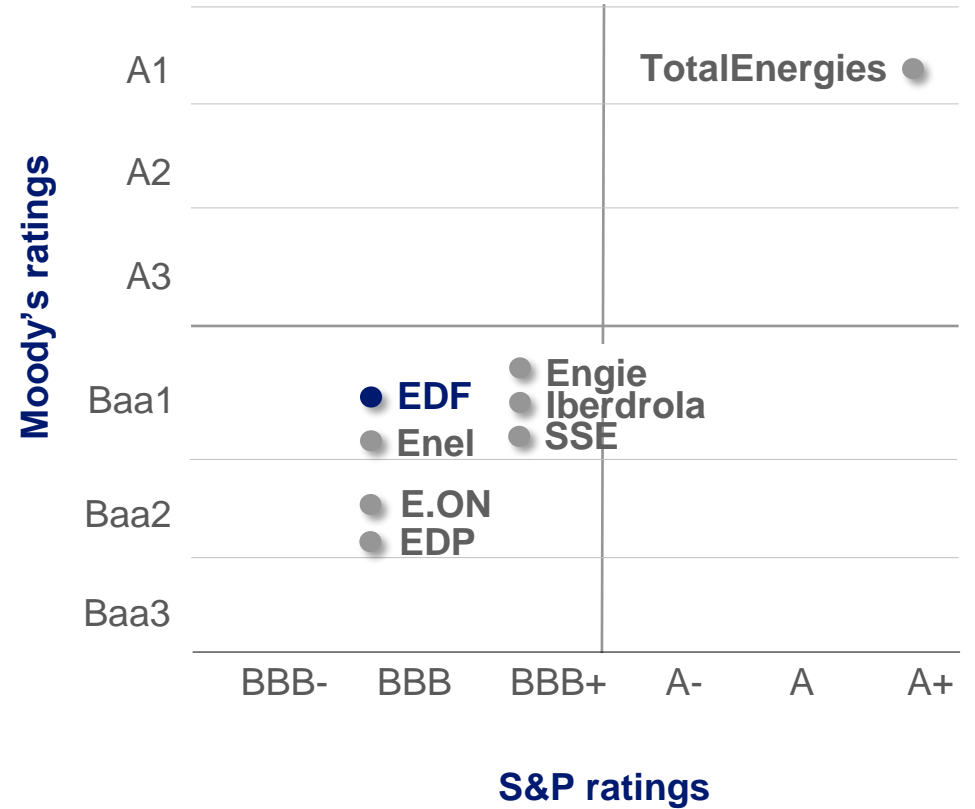


(1) Exchange rate as of transaction time.

(2) Amount redeemed on 22/01/2024 and reclassified on 31/12/2023 as Other financial debt for €539M (\$596M) (see press release of 14 December 2023).

COMPARATIVE CREDIT RATINGS⁽¹⁾

| Rating Agency |  | Latest Changes |
|-------------------------------|---|--|
| S&P Global Ratings | BBB <i>Positive</i> | 5 June 2024 Outlook revised to positive from Stable |
| MOODY'S | Baa1 <i>Stable</i> | 1 June 2023 Outlook revised to Stable from Negative |
| FitchRatings | BBB+ <i>Stable</i> | 6 September 2022 Outlook revised to Stable from Negative <i>(affirmed on 28 March 2024)</i> |



Sources: rating agencies as of 05/06/2024.

(1) See [EDF's ratings](#)



COMPLEMENTARY BOOK



ELECTRICITY OUTPUT

Fully consolidated entities

| (in TWh) | 2022 | | 2023 | |
|----------------------------|--------------|-------------|--------------|-------------|
| Nuclear | 328.0 | 76% | 363.4 | 78% |
| Total ENR | 60.2 | 14% | 70.8 | 15% |
| <i>Hydro⁽¹⁾</i> | 35.6 | 59% | 42.8 | 60% |
| <i>Wind</i> | 21.2 | 35% | 23.5 | 33% |
| <i>Solar</i> | 2.5 | 4% | 3.2 | 5% |
| <i>Biomass</i> | 0.9 | 2% | 1.4 | 2% |
| Gas | 36.5 | 8% | 28.5 | 6% |
| Fuel oil | 5.4 | 1% | 4.6 | 1% |
| Coal | 1.7 | 0.4% | 0.2 | 0.1% |
| Group | 431.7 | 100% | 467.6 | 100% |

NB: The values correspond to the expression to the first decimal or integer closest to the sum of the precise values, taking into account rounding.

(1) Hydro output includes tidal energy for 549GWh in 2022 and 504GWh in 2023. Hydro output after deduction of pumped volumes is 28.2TWh in 2022 and 37.0TWh in 2023.

CO₂ EMISSIONS AND CARBON INTENSITY⁽¹⁾

Fully consolidated entities

| Heat and power generation by segment | Emissions (in kt CO ₂) | | | | Carbon intensity (in gCO ₂ /kWh ⁽⁴⁾) | |
|--|------------------------------------|-------------|---------------|-------------|---|-----------|
| | 2022 | | 2023 | | 2022 | 2023 |
| France – Generation and supply activities | 5,327 | 23% | 2,901 | 16% | 17 | 8 |
| France – Regulated activities ⁽²⁾ | 3,352 | 15% | 2,917 | 16% | 512 | 469 |
| Dalkia | 4,127 | 18% | 3,588 | 20% | 156 | 147 |
| United Kingdom | 149 | 1% | 4 | 0% | 3 | 0 |
| Italy | 6,842 | 30% | 6,263 | 34% | 301 | 302 |
| Other international | 3,251 | 14% | 2,547 | 14% | 216 | 182 |
| Group⁽³⁾ | 23,078 | 100% | 18,249 | 100% | 50 | 37 |

NB: The values correspond to the expression to the first decimal or integer closest to the sum of the precise values, taking into account rounding.

(1) Including direct CO₂ emissions (excluding life cycle analysis (LCA) of fuel, production means and other CO₂-equivalent gas emissions). The other CO₂-equivalent gas emissions are included in the Scope 1 calculation.

(2) Power generation in ZNI: « Zones non interconnectées » corresponding to overseas departments and Corsica - (mainly island territories) and Electricité de Strasbourg (ES).

(3) Framatome contributes to 29ktCO₂ in 2023 and 31ktCO₂ in 2022, The direct CO₂ emissions from “Others activities” segments are not significant compared to Group total emissions and are not disclosed in this table.

(4) Carbon intensity corresponds to CO₂ emissions in relation to the Group's electricity and heat generation, The EDF Group's heat generation amounts to 23.7TWh in 2023 (vs 26.0TWh in 2022).

INSTALLED CAPACITY AS OF 31 DECEMBER 2023

| <i>(in GW)</i> | Total net capacity of EDF Group, including shares in associates and joint ventures | | Investments in associates and joint ventures | Consolidated capacity of EDF Group | |
|-------------------------|---|-------------|---|---|-------------|
| Nuclear ⁽¹⁾ | 67.8 | 55% | -0.2 | 67.9 | 58% |
| Hydro ⁽²⁾ | 22.6 | 18% | 1.0 | 21.6 | 18% |
| ENR ⁽³⁾ | 15.1 | 12% | 2.8 | 12.3 | 10% |
| Gas ⁽⁴⁾ | 11.1 | 9% | -0.2 | 11.3 | 10% |
| Fuel oil ⁽³⁾ | 3.2 | 3% | 0.1 | 3.1 | 3% |
| Coal ⁽⁵⁾ | 3.0 | 2% | 1.8 | 1.2 | 1% |
| Total | 122.7 | 100% | 5.3 | 117.3 | 100% |

NB: The values correspond to the expression to the first decimal or integer closest to the sum of the precise values, taking into account rounding.

(1) Taking into consideration the shutdown of Tihange 2.

(2) Including sea energy: 0.24GW in 2023.

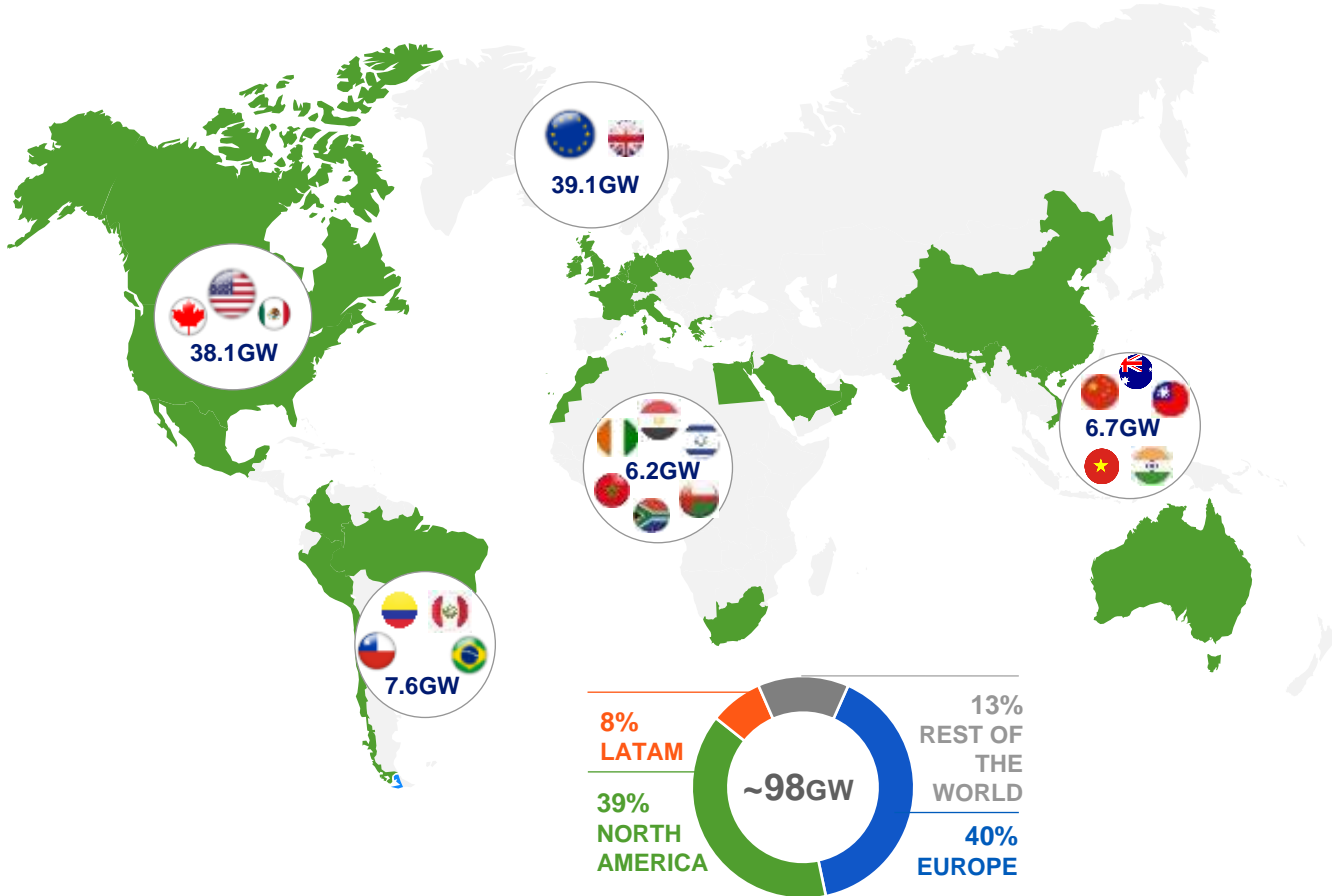
(3) Taking into consideration the conversion of the Port Est plant (Reunion) to biomass.

(4) Taking into consideration the disposal of the Sloe CCGT in the Netherlands.

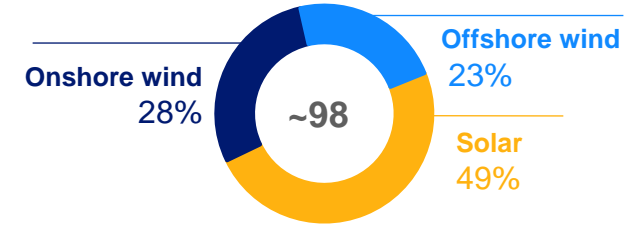
(5) Taking into consideration the closure of the 2 last units of West Burton A.

A PORTFOLIO OF WIND AND SOLAR PROJECTS OF ~98GW⁽¹⁾

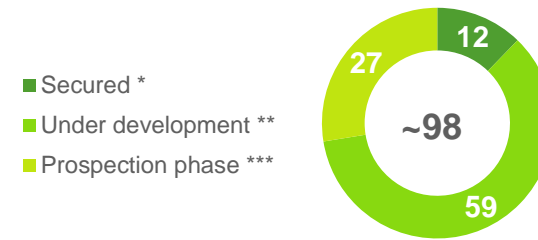
A PROJECT PORTFOLIO THAT IS **DIVERSIFIED GEOGRAPHICALLY...**



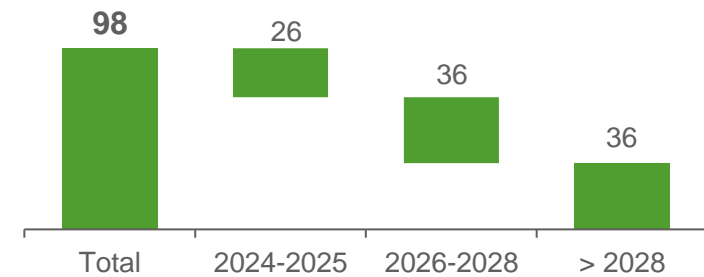
... AND **BALANCED BETWEEN WIND AND SOLAR (in GW)**



BREAKDOWN BY DEVELOPMENT PHASE⁽²⁾ (in GW)



BREAKDOWN BY DATE OF START OF CONSTRUCTION (in GW)⁽³⁾



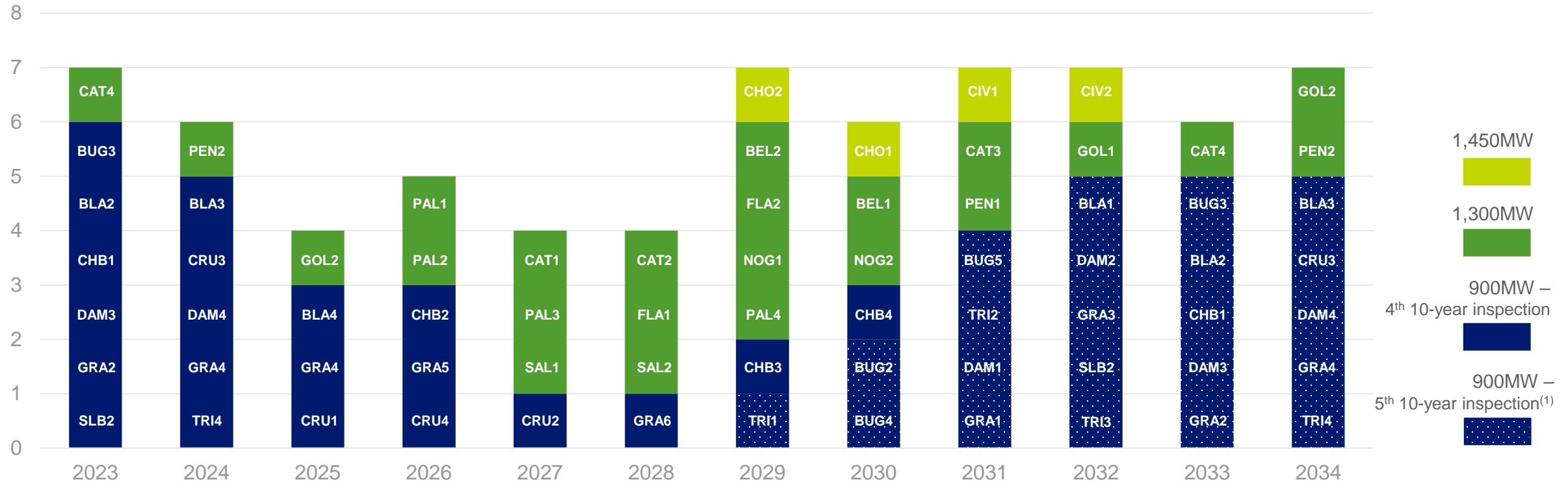
NB: situation at 31/12/2023.

- (1) Pipeline excluding capacities under construction. Gross data corresponding to 100% of the capacity of the projects concerned.
- (2) All the projects in prospection phase included in the pipeline, starting 2020.
- (3) Start of construction portfolio, not probability-based.

- * Securing a power purchase agreement (following a call for tenders, auction, OTC negotiation)
- ** Sufficient land securisation and start of technical studies
- *** Start of land identification and preliminary studies

10-YEAR INSPECTIONS OF THE NUCLEAR FLEET

Number of 10-year inspections



4th 10-year inspection of 900MW reactors

5th 10-year inspection of 900MW reactors⁽¹⁾

3rd 10-year inspection of 1,300MW reactors

4th 10-year inspection of 1,300MW reactors

3rd 10-year inspection of 1,450MW reactors

In 2029, Tricastin 1 would be the first 900MW series reactor to realise its 5th 10-year inspection



NB: forecast data on 31 December 2023.

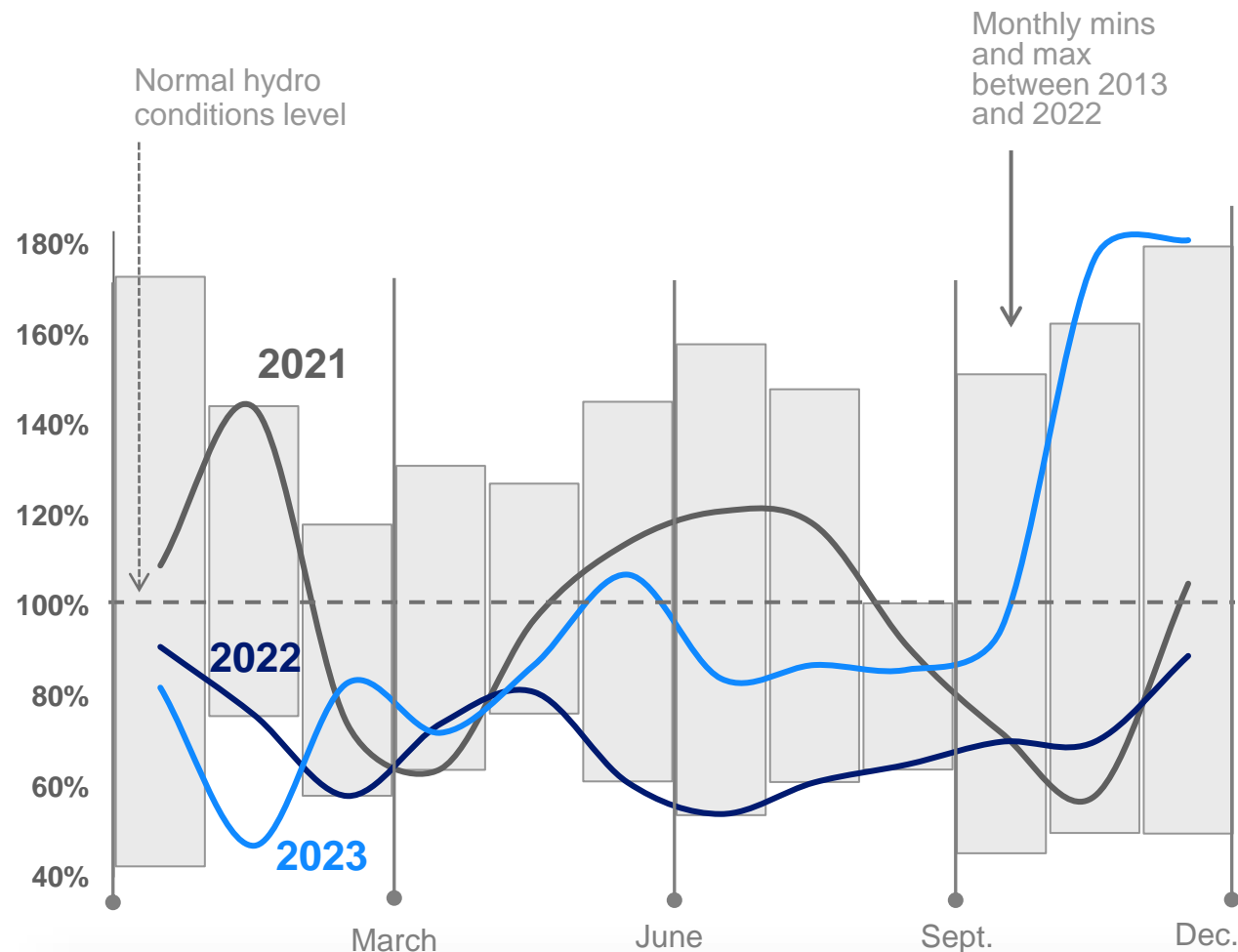
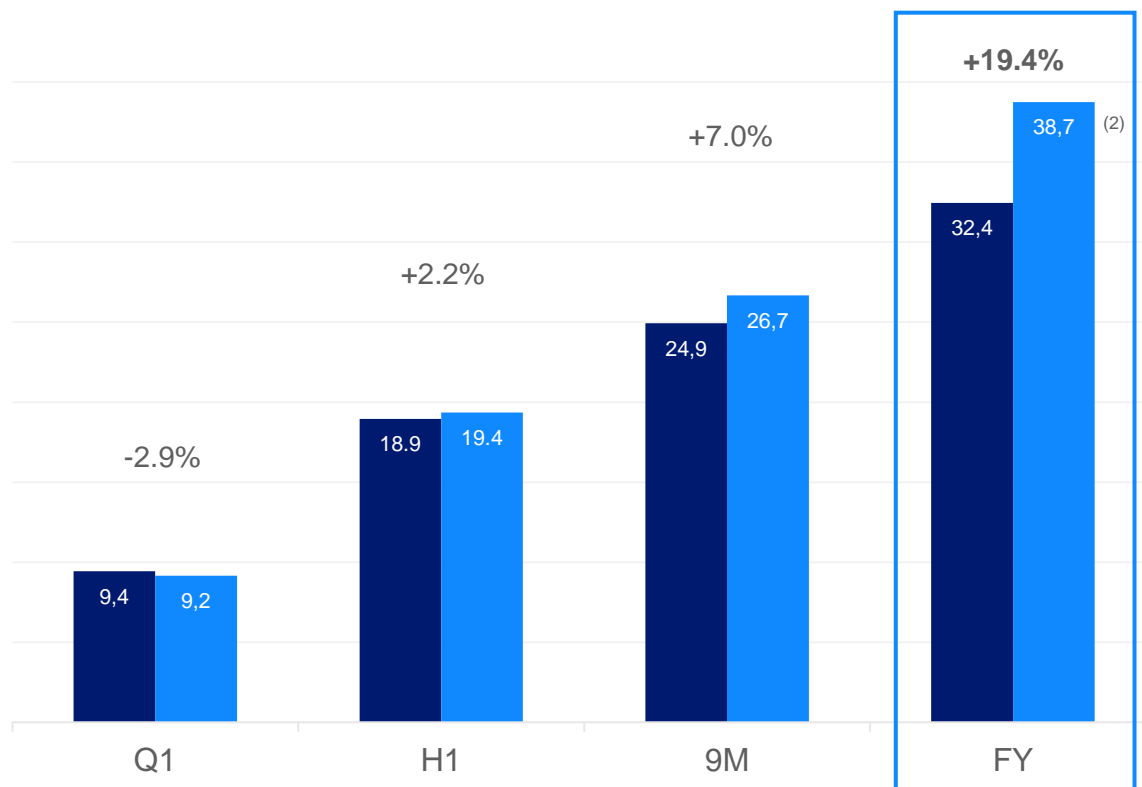
(1) Subject to decisions taken and authorisations issued.

FRANCE HYDRO OUTPUT

(in TWh)

■ 2022 cumulative output ⁽¹⁾

■ 2023 cumulative output ⁽¹⁾



(1) Hydropower excluding electrical activities on French islands, before deduction of pumping consumption.

(2) Production after deduction of pumped volume consumption: 25.0TWh in 2022 / 33.0TWh in 2023.

- > Favourable hydro conditions in the last two months of 2023 almost offset the overall deficit of the first ten months: hydraulic conditions index of 0.98 in 2023 vs 0.71 in 2022
- > Hydraulic reservoirs filling rate in France at 80% at end-December 2023: +17 points above historical average (63%)

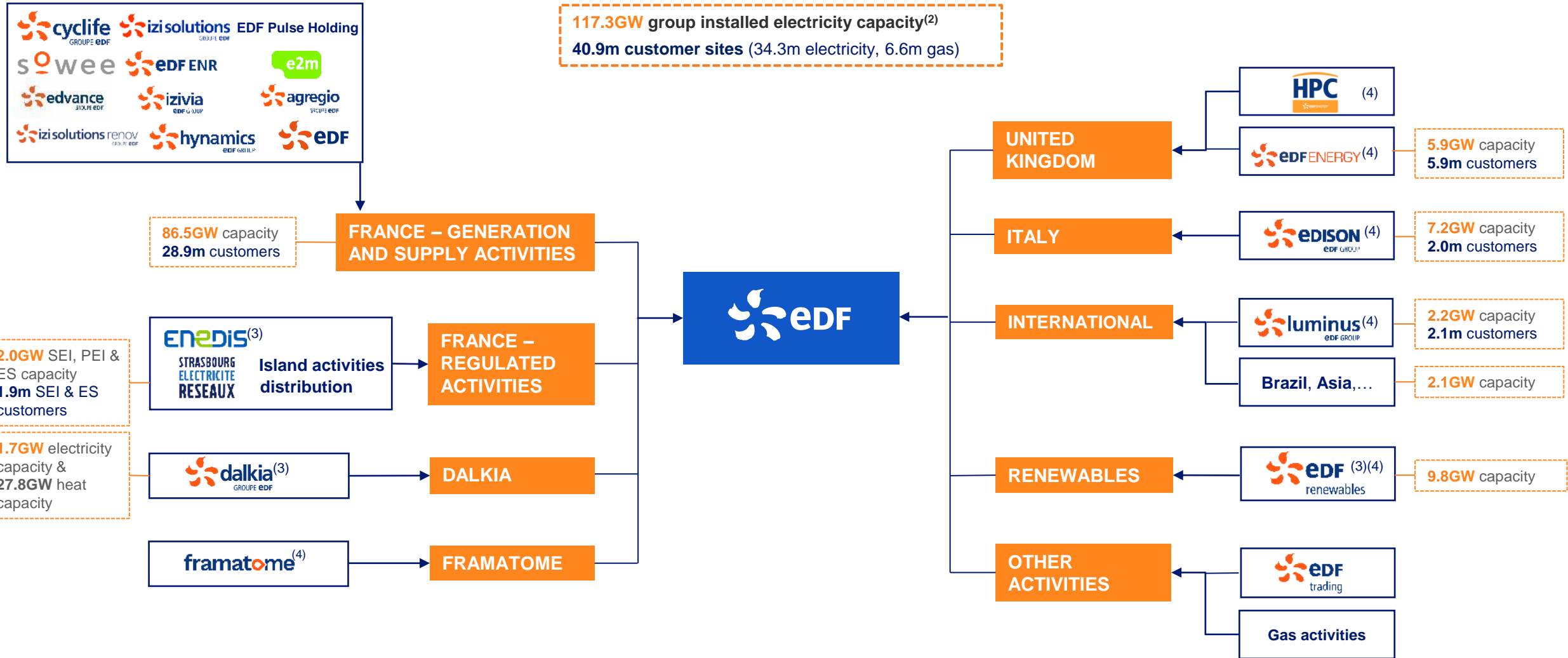
RENEWABLES: INSTALLED CAPACITY AND CAPACITY UNDER CONSTRUCTION, AS OF 31 DECEMBER 2023

| <i>(in MW)</i> | Gross ⁽¹⁾ | | Net ⁽²⁾ | |
|---|----------------------|---------------|--------------------|---------------|
| | 31/12/2022 | 31/12/2023 | 31/12/2022 | 31/12/2023 |
| Wind | 2,783 | 2,685 | 1,662 | 1,591 |
| Solar | 4,347 | 3,728 | 3,073 | 2,617 |
| Capacity under construction | 7,130 | 6,413 | 4,735 | 4,209 |
| Onshore wind | 13,141 | 13,244 | 9,066 | 9,342 |
| Offshore wind | 1,411 | 1,621 | 508 | 581 |
| Solar | 7,427 | 9,425 | 3,591 | 4,734 |
| Wind & Solar installed capacity | 21,979 | 24,289 | 13,165 | 14,657 |
| Biomass and geothermal | - | - | 232 | 440 |
| Renewable (excl. hydro) installed capacity | - | - | 13,397 | 15,097 |
| Hydraulic | - | - | 22,577 | 22,571 |
| Renewable installed capacity | - | - | 35,974 | 37,668 |

(1) Gross capacity: total capacity of the facilities in which EDF has a stake.

(2) Net capacity: capacity corresponding to EDF's stake.

EDF GROUP: ORGANISATIONAL CHART BY SEGMENT⁽¹⁾



(1) Simplified organisational chart at 16/02/2023.

(2) Consolidated capacities of EDF group.

(3) French customers of these entities, grouped in the Retail entity in the “France – Generation and supply activities” segment.

(4) Shareholdings with minority interests.



THANK YOU FOR
YOUR ATTENTION

