



# Results Presentation 1Q24

Lisbon, May 10<sup>th</sup>

Castelo do Bode Dam, Portugal

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# Net Profit +20% YoY growth to €368m in 1Q24, fully aligned with 2024 full year guidance of ~€1.3 Bn...

## 1Q24 Main Highlights

- Renewables weight on total generation output at 97% in 1Q24
- Strong hydro volumes partially offset by lower market prices, due to abundant renewables resources in Iberia
- Generation and supply business in Iberia YoY comparison impacted by particularly high integrated margin in 1Q23
- Positive performance below EBITDA following lower financial costs on the rebalancing of EUR vs. USD debt mix and lower minorities driven by EDP Brasil buyout

Recurring Net Profit 2024 guidance reiterated: ~€1.3Bn

## Financial Performance

Recurring figures

1Q24

€368m

Net Profit

+20%  
YoY

€1.3 Bn

EBITDA

-5% YoY

+€135m YoY

Below EBITDA

+10% YoY

# ...as result of a diversified portfolio, balanced between electricity networks, integrated Generation and Supply and Renewables

Breakdown of expected Net Profit in 2024  
(~€1.3 Bn)



~40%

## Integrated Generation & Supply<sup>1</sup>



Strong weight of flexible hydro generation  
(reservoir and pump & storage)

Leveraging on our resilient client base

Integrated approach to manage risk



~35%



## Electricity Networks



Regulated Asset Base growth

Regulated returns incentivizing investments

~25%



>85% Europe and North America

Portfolio diversified by technology / market

Long-term contracted revenues, 12y avg. portfolio

Track-record on renewables development

(1) Including holding and others

# Our flexible hydro generation assets to capture value in a context of increased intra-day price volatility in Iberia...

## EDP hydro portfolio in Iberia

 **5.5 GW** **8 TWh**

 Installed capacity Average/year

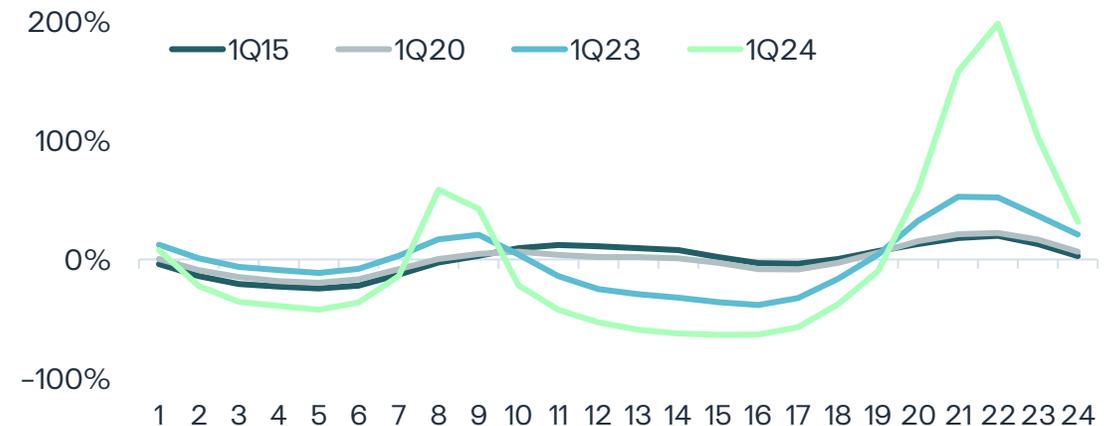
~75% with reservoir  
~45% with pumping

-  Pump/storage facilities capturing arbitrage from peak/off-peak prices and solar profiling
-  Increased value of flexibility in a context of higher intra-day price volatility, expanding premiums vs. pool price

 Hydro expected to represent ~65% of EBITDA of Iberian integrated business segment in 2025-26

## Intra-day price volatility steadily increasing

Prices dispersion over average daily hour in 1Q<sup>1</sup>



-  Higher renewables penetration expectedly leading to high intra-day spreads and increased solar discounts and hydro premiums

1Q24 figures: Premiums/discounts vs. pool price in EDP portfolio

**€45/MWh**

Avg. pool price

**~35%**

Solar discount

**~30%**

Hydro premium

(1) Source: OMIE

# ...with a strong clients' portfolio supporting integrated margin in a context of rapidly changing wholesale prices

## Resilient customer franchise in our liberalized portfolio in Iberia...

EDP client solutions liberalized portfolio in Iberia

**3.7 million** clients

B2C (~8 TWh/year)

B2B (~18 TWh/year)

**~70%**

B2C market share in Portugal

**32%** (+3p.p. YoY)

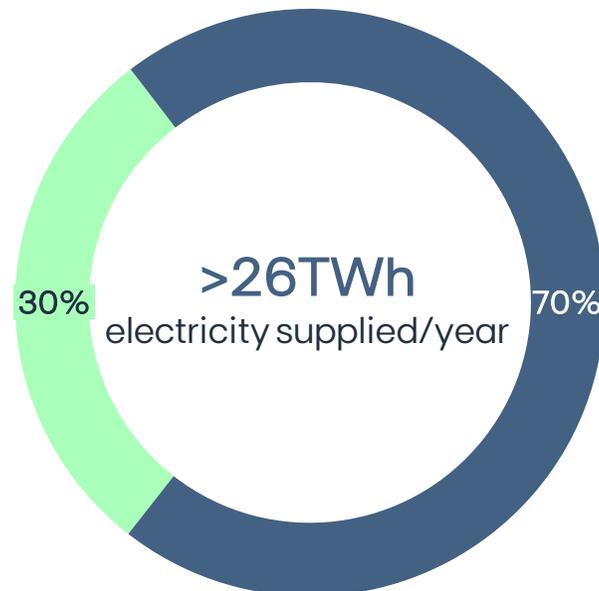
services penetration rate

**>600k** (+13% YoY)

clients with home appliance services

**>116k** (+39% YoY)

clients with electric mobility solutions



## Growing DG business worldwide



**1.2 GWac<sup>1</sup>** installed capacity

**0.8 GWac**

**0.4 GWac**

**+0.2 GWac** Build and Transfer

## Corporate PPAs



**>7.5GW** agreed worldwide

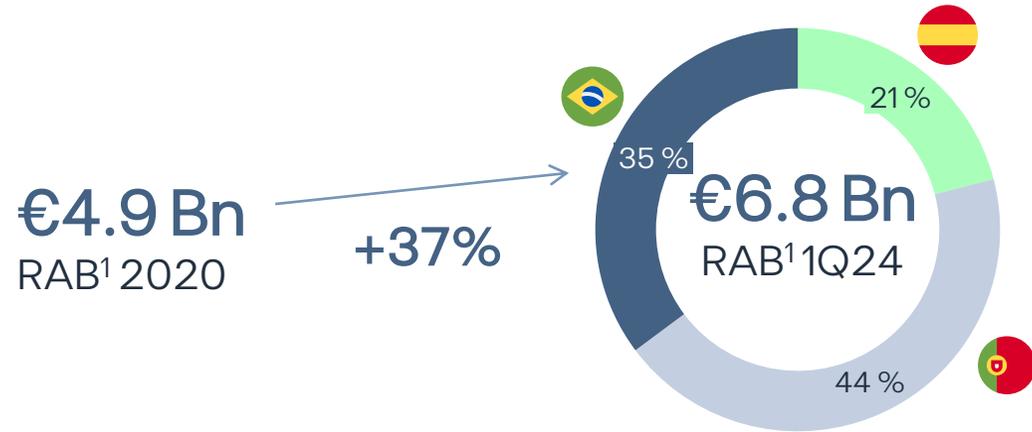
Leveraging on our global presence to foster **global accounts and frameworks with multi-national corporate clients**

**High ESG standards as a competitive advantage**

(1) As a Service installed capacity with long-term contracts

# Electricity networks portfolio representing 30% in EBITDA with growth providing stable and low risk cashflow...

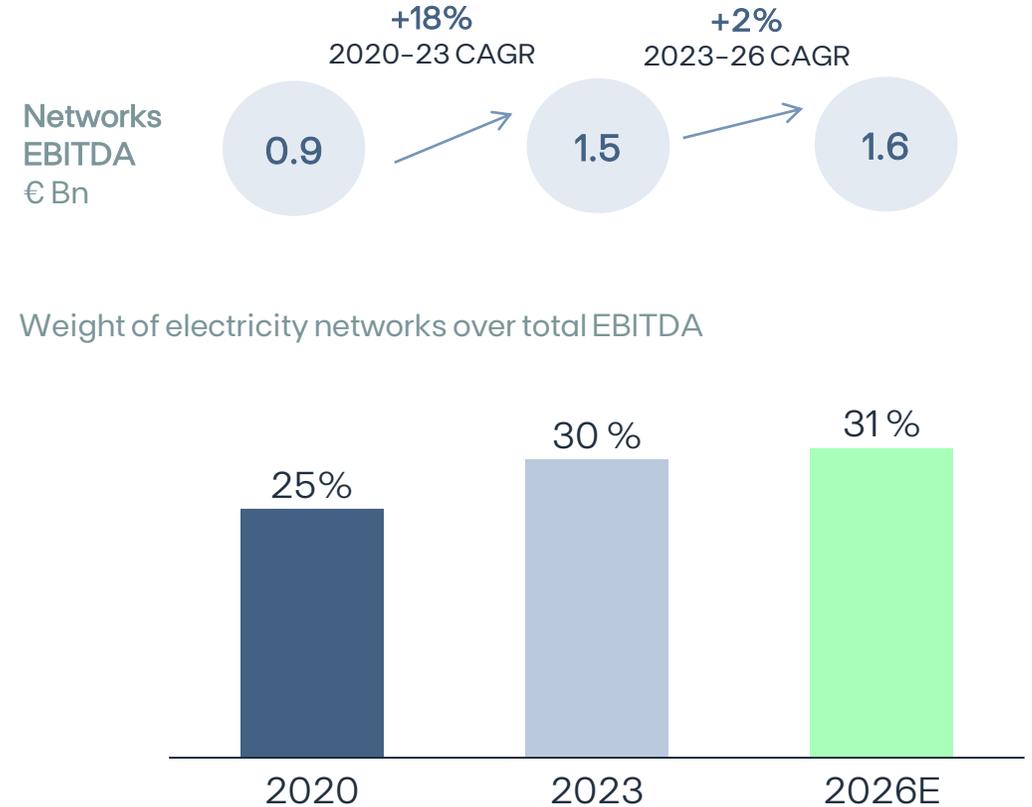
EDP has significantly invested in regulated electricity networks over the last years...



- ✓ Acquisition of Viesgo in 2020, increasing presence in Iberian networks
- ✓ Expanding transmission business in Brazil through the acquisition of CELG-T in 2022
- ✓ Asset base net of minorities further reinforced in 2023, following the buyout of EDP Brasil

~€3 Bn investment 2024-26, 1.9x CAPEX/D&A

...reinforcing weight in EDP's portfolio



- ✓ Net profit contribution further reinforced through acquisition of minorities (EDP Brasil)

(1) Regulated Asset Base (RAB) net of minorities

# ...with good prospects for improved regulatory frameworks in Iberia from 2026 onwards...

## Iberian market with a strong rationale for higher investment in electricity networks

- Strong renewable energy potential**, with abundant solar and wind resources
- Electricity demand growth**, driven by electrification (industrial, heating, mobility) and several data center and green H2 projects
- Increase of investment in electricity networks requires **adequate update of regulated returns**

## EDP with a strong asset base in Iberia

|  | RAB1Q24        | RoRAB 2024  | Next regulatory period |
|--|----------------|-------------|------------------------|
|  | <b>€3.0 Bn</b> | <b>5.5%</b> | <b>2026-30</b>         |

- Rate of Return indexed to Portuguese 10Y bond yields
- Inflation update on RAB & Totex at GDP Deflator

|  |                            |             |                |
|--|----------------------------|-------------|----------------|
|  | <b>€1.4<sup>1</sup> Bn</b> | <b>5.6%</b> | <b>2026-31</b> |
|--|----------------------------|-------------|----------------|

- New regulatory period with an expected upward revision on returns and potential revision of capex cap

**€1.8 Bn** Investment in 2024-26  
1.3x CAPEX/D&A

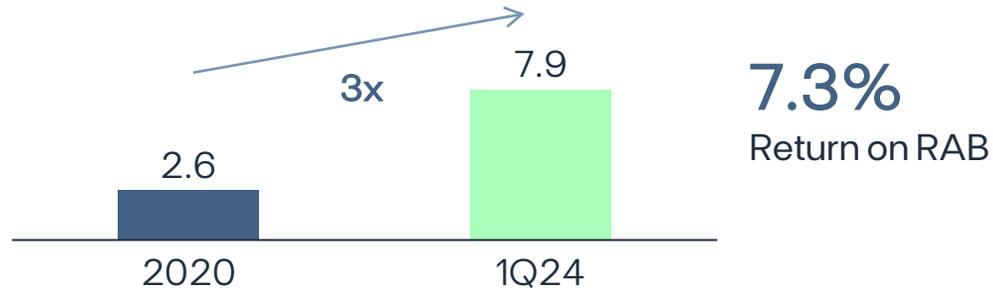
(1) Regulated Asset Base (RAB) net of minorities

# ...and significant investment opportunities in Brazil both in Transmission as well as in Distribution

## Growing distribution asset base in Brazil...



EDP São Paulo & EDP Espírito Santo RAB net of non-controlling interests, R\$ Bn



## While continuing to be a reference player...

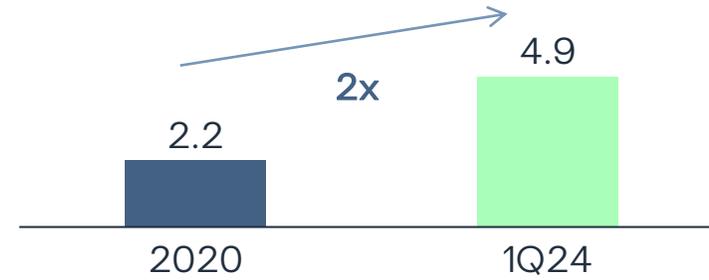
- ✓ EDP Espírito Santo #2 best player in Brazil considering the System Average Interruption Duration Index (SAIDI)
- ✓ 98% investment acceptance rate in EDP Espírito Santo and EDP São Paulo
- ✓ Concession renewal terms to be published in the short-term

**R\$ 4.0 Bn** Investment in 2024-26  
**3x** CAPEX/D&A

## Expanding transmission portfolio



Transmission asset base, net of non-controlling interests, R\$ Bn



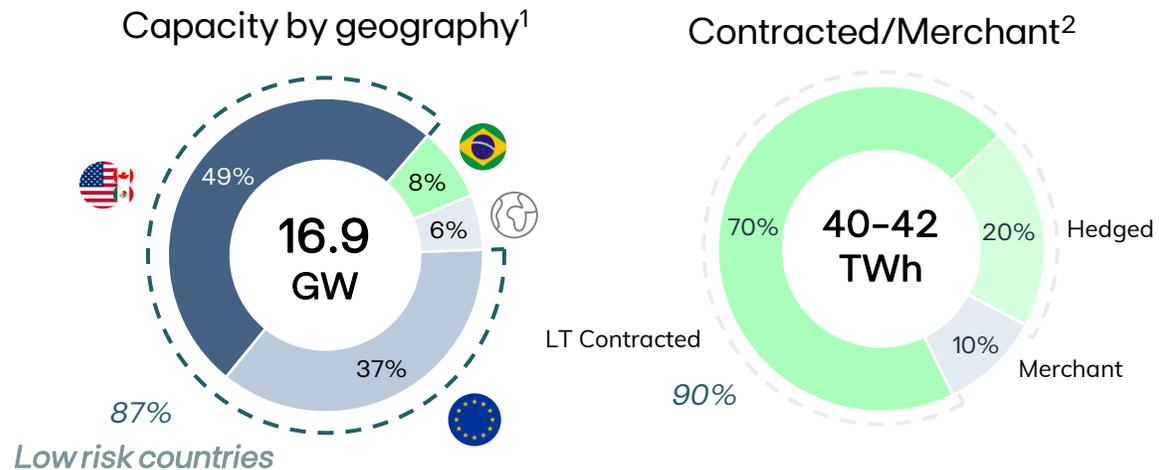
## Recent developments

- ✓ Asset rotation of 2 transmission lines, ~€76m gain, 24% gain/capital employed
- ✓ 3 lots awarded in April 2024 auction
  - ✓ R\$ ~3 Bn / ~€0.5 Bn investment
  - ✓ 2027-29 COD, with expected anticipation of construction, ahead of ANEEL schedule
  - ✓ Low double digit equity IRRs

# EDP Wind & Solar portfolio well diversified primarily across Europe & NA and mostly LT contracted, expected to continue to grow in 2024-26

## Diversified portfolio of Wind & Solar and a solid generation profile...

EDP Wind & Solar Portfolio figures as of 1Q24

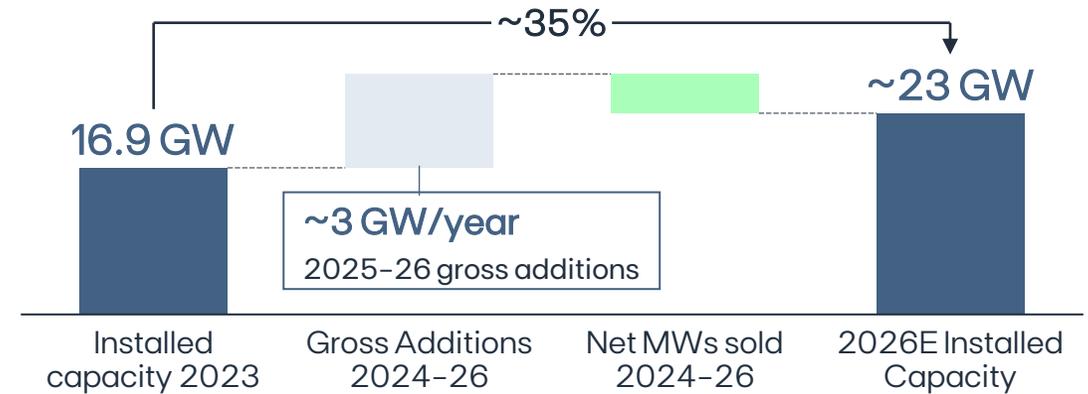


- ✓ Focus on low-risk markets: 87% of asset base in Europe & North America
- ✓ High weight of long term contracted generation

(1) Includes Solar DG AaS from the client solutions and EM segment  
 (2) Considering utility scale only  
 (3) Book Value & Other liabilities at ~€0.7bn by 2024 YE

## ... with growth expected to persist in 2024-26

EDP Wind & Solar Portfolio<sup>1</sup> figures 2024-26



- ✓ EDPR with >70% (7 GW) of 2024-26 growth already secured
  - ✓ of which 2.1GW PPAs secured with Big Tech companies facing strong renewables demand from data centers

### Addressing 2023 deployment challenges:

- Improved positioning regarding US solar supply chain
- Colombia deferred post '26, FID subject to project conditions<sup>3</sup>



# 1Q24 Financial Results

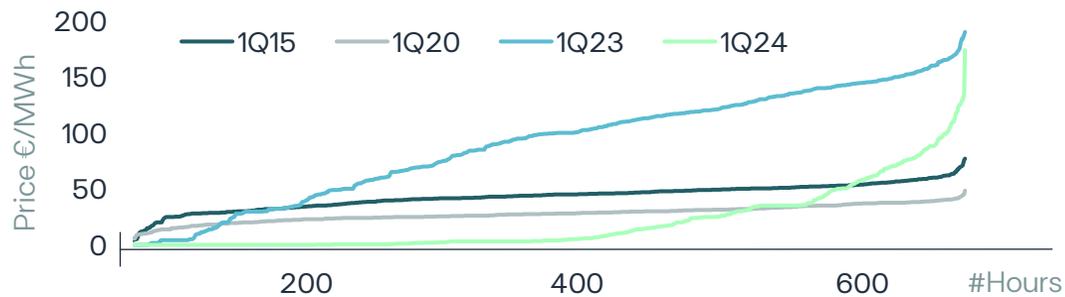
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# Generation & Supply in Iberia in 1Q24 marked by the normalization of integrated margin, with strong hydro volumes offset by lower electricity prices

## Strong hydro volumes in 1Q24 mitigating persistently lower prices in 1Q24 vs. previous year



## Concentration of electricity wholesale prices in Iberia in 1Q<sup>2</sup>



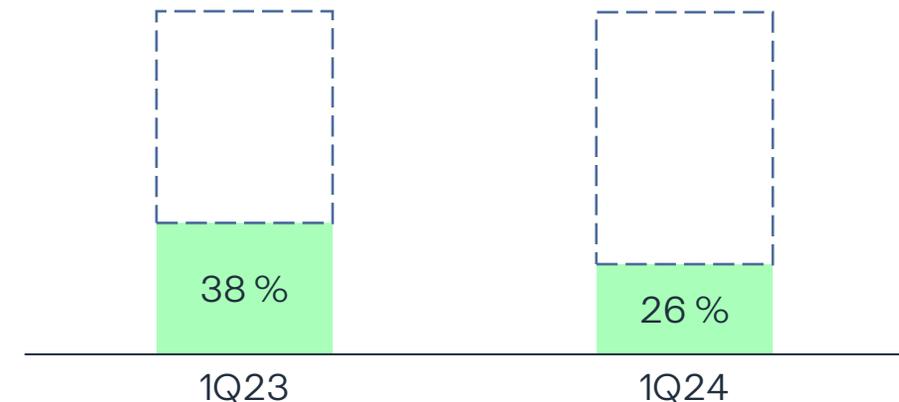
- In 1Q24, strong hydro resources and higher concentration of zero-price hours in Iberian spot market
- Reservoir levels currently at ~90%<sup>1</sup>, +30p.p. above historical average
- Power prices fwd curves higher for the remaining 2024

(1) Reservoir levels until 3<sup>rd</sup> May, 2024  
 (2) Source: OMIE

## Integrated EBITDA reflecting normalized integrated margin in 1Q24 vs. particularly positive 1Q23

Iberia integrated business EBITDA: weight of Q1 over full year amounts, %

▭ Remaining year  
 ■ 1Q

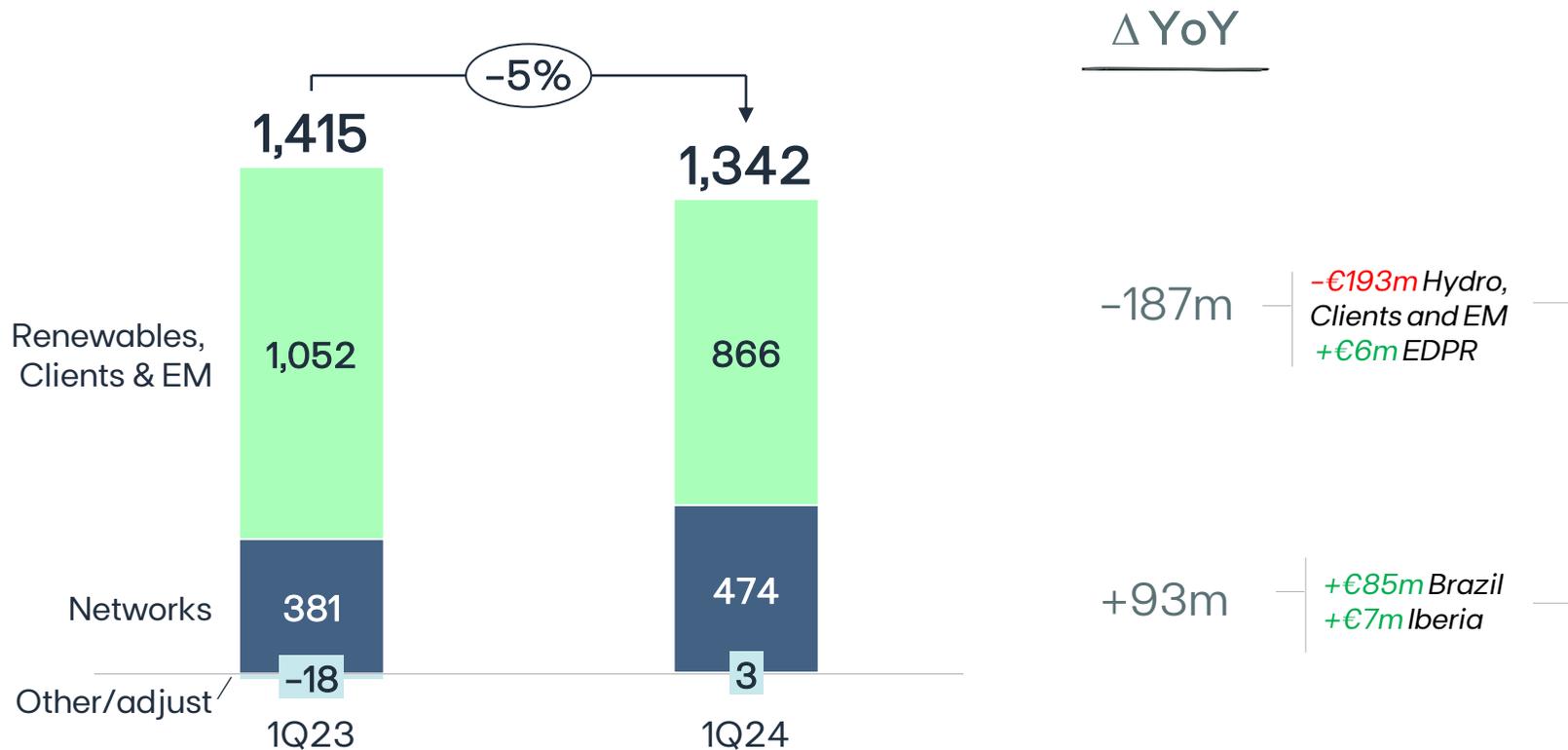


- Evolution of Iberian integrated EBITDA reflecting particularly high integrated margin in 1Q23. 2024 full year performance with no significant delta vs. 2023.

# Recurring EBITDA of €1,342m, -5% YoY, following the normalization of Iberian integrated margin and with an increased contribution from Networks

## Recurring EBITDA<sup>1</sup>, €m

YoY growth, %



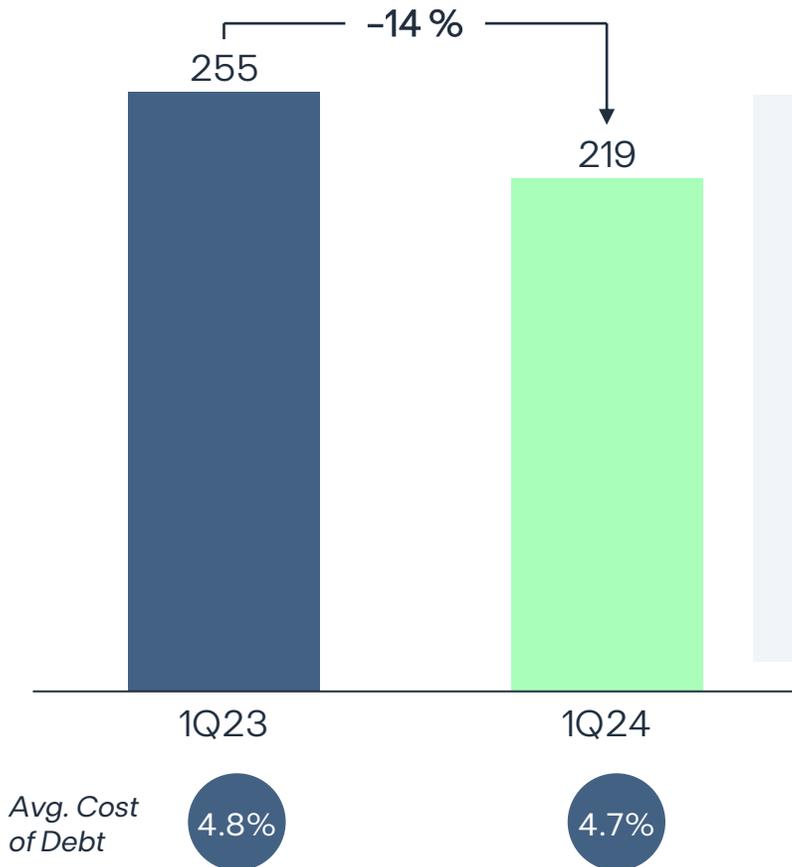
- Integrated business in Iberia YoY comparison reflecting the normalization of integrated margin
- Coal deconsolidation (~€38m in 1Q23)
- AR gains of €58m vs. €4m in 1Q23
- Wind and Solar generation -3% YoY
- Avg. selling price -3% YoY
- Brazil including €76m from transmission asset rotation gain

(1) Non-recurring adjustments include -€1m from HR restructuring

# Net financial costs -14% YoY impacted by lower avg. cost of debt; Lower weight of USD debt in 1Q24, in line with strategy to rebalance debt currency mix

## Recurring Net Financial Costs<sup>1</sup>

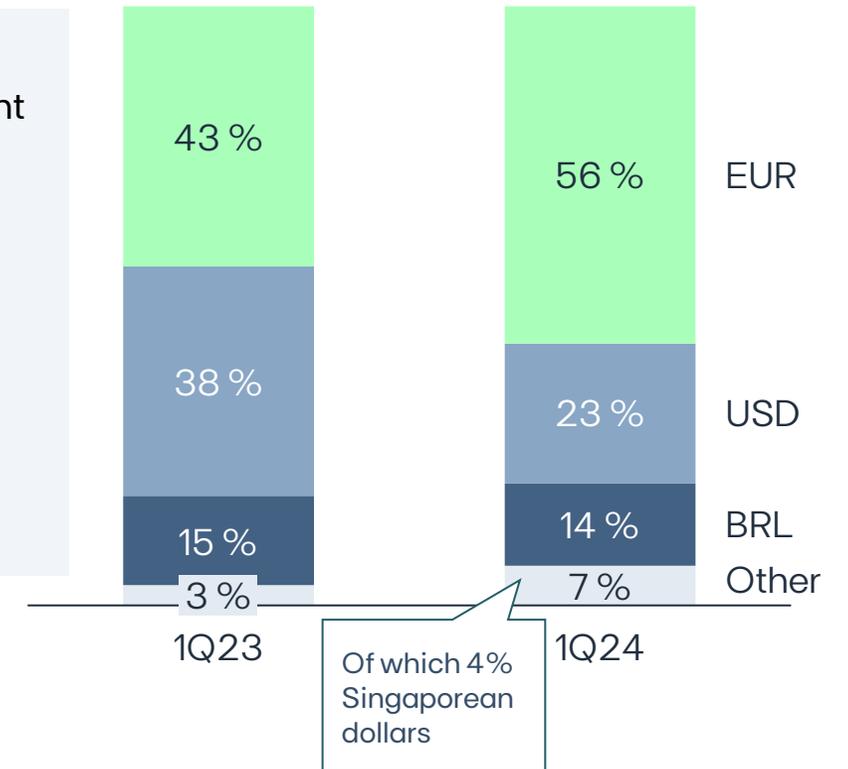
€m



- > Decline in USD debt and higher weight of EUR debt as part of the strategy to reduce USD debt weight in debt mix
- > Higher capitalized interests from higher volumes of assets under construction vs. 1Q23

## Avg. nominal debt by currency

%



(1) Excluding non-recurring impact of liability management amounting to €17m in 1Q24 and €5m in 1Q23

# Net debt increase driven by net expansion investments and negatively impacted by regulatory working capital

## Change in Net Debt € Bn



Net Debt/EBITDA<sup>(1)</sup>

3.3x

FFO/Net Debt<sup>(2)</sup>

~21%

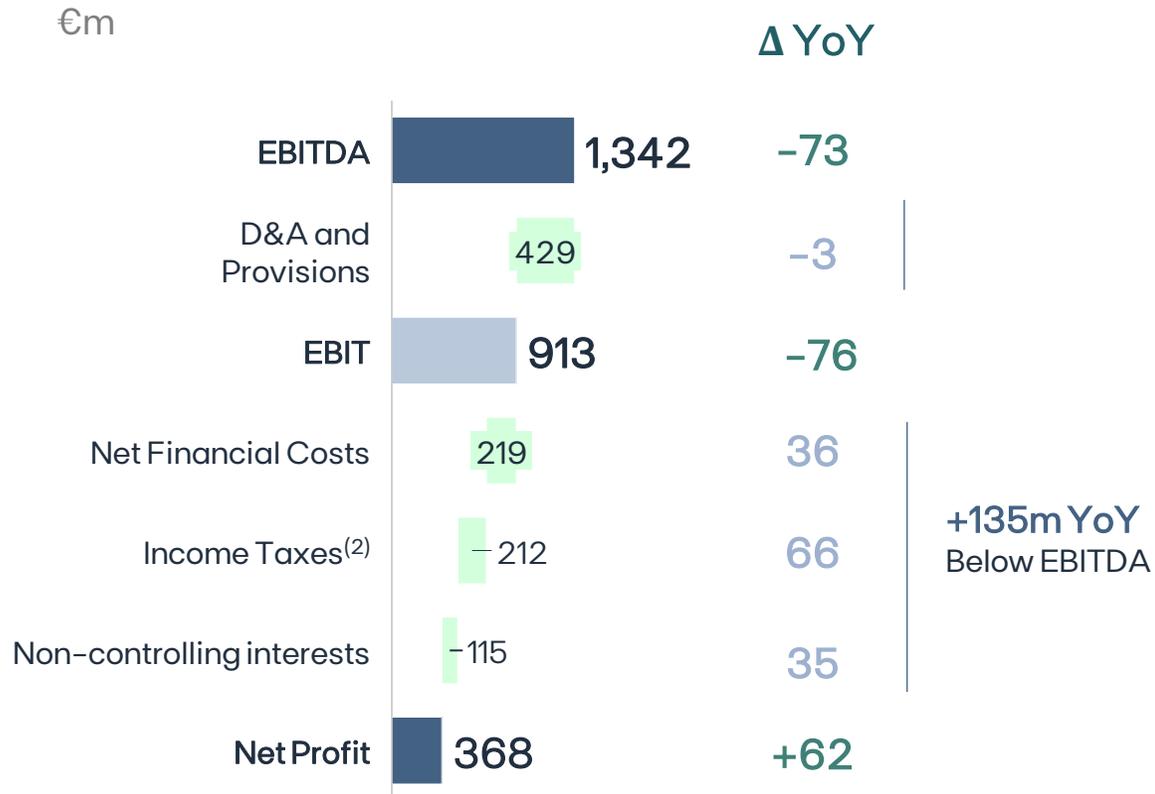
3.5x

~21%

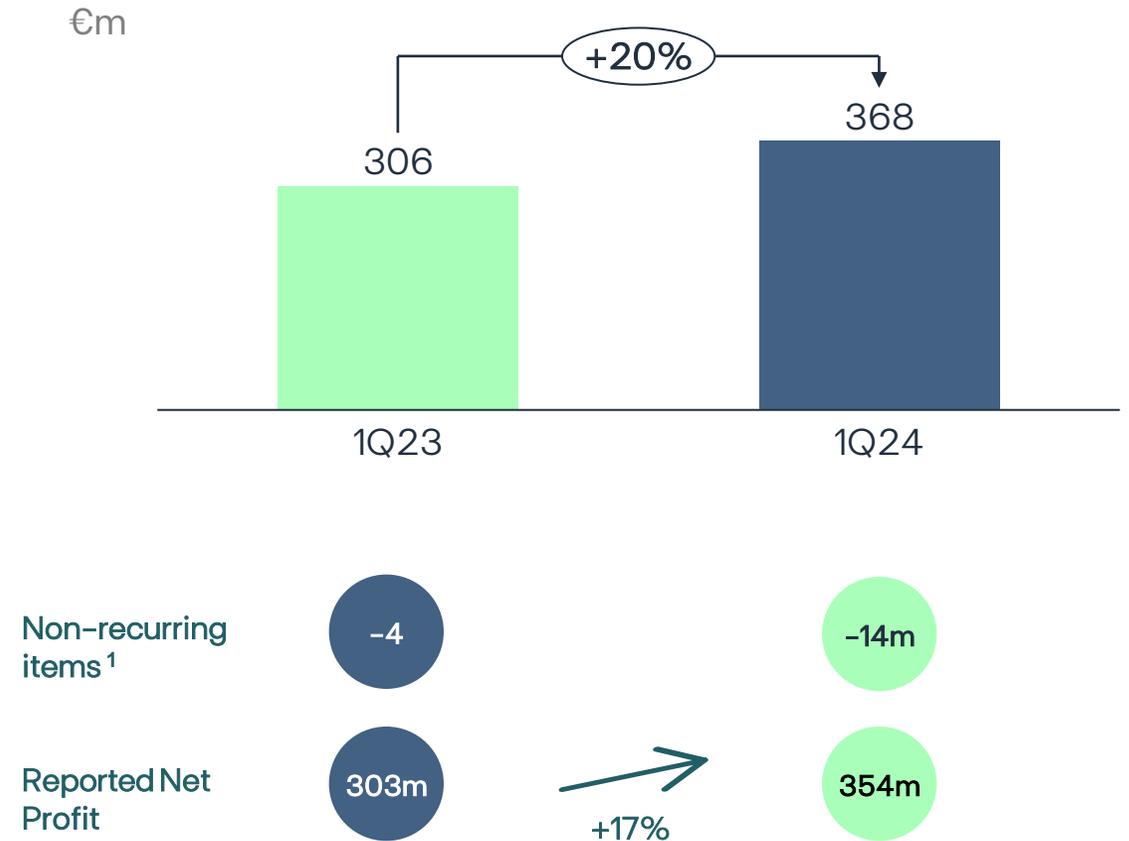
(1) Net of regulatory receivables; net debt excluding 50% of hybrid bond issues (including interest); Based on trailing 12 months recurring EBITDA and net debt excluding 50% of hybrid bond issue (including interest); Includes operating leases (IFRS-16);  
 (2) FFO/ND formula consistent with rating agencies methodologies, considering EDP definition of EBITDA Recurring

# Net Profit of €368m, +20% YoY with lower minorities in Brazil post minorities-buyout

## Recurring Net Profit<sup>1</sup>



## Recurring Net Profit



(1) Adjustments and non-recurring items impact at net profit level - In 1Q24: €13m from liability management and €1m from HR restructuring; 1Q23: €4m from liability management

(2) Includes CESE

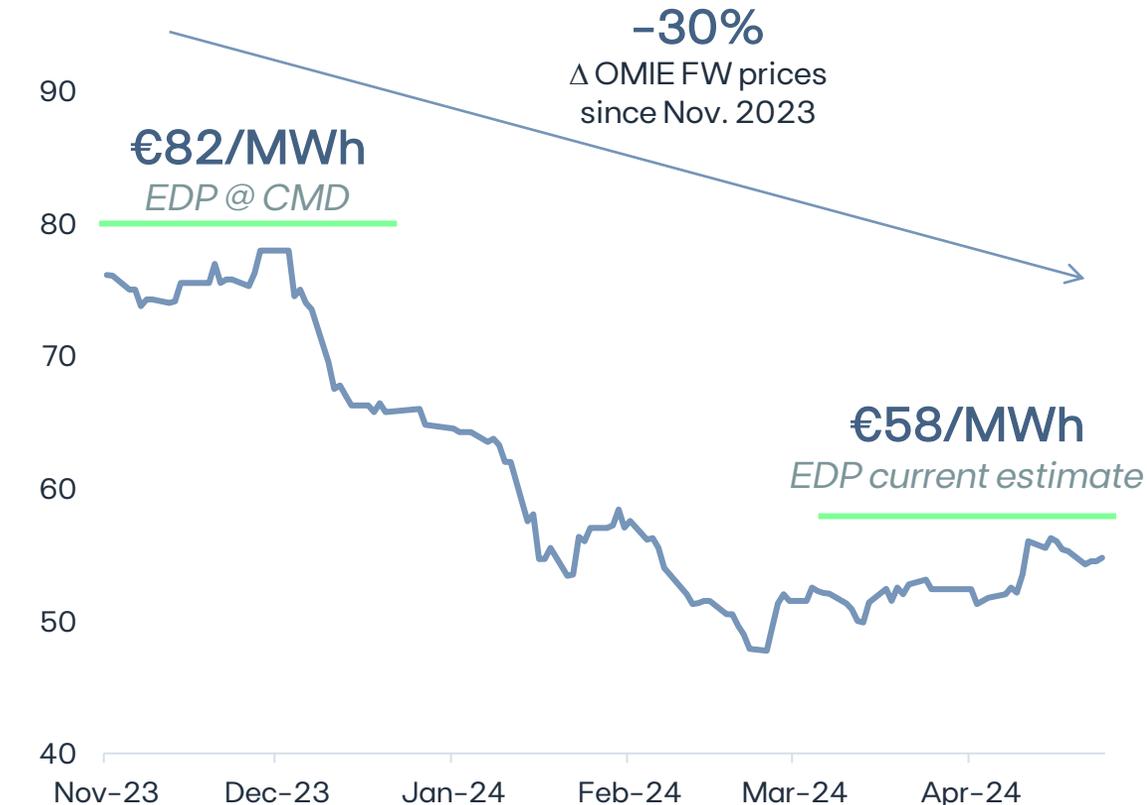


2026 Update

# Downward trend in electricity forward prices in Europe since CMD forces a revision of our energy price assumptions for 2024–26...

## Decline in gas prices implying downward trend in electricity prices for 2026 in Iberia

2026 forward electricity wholesale price Iberia<sup>1</sup>  
€/MWh



## Updated visibility on hedging position and average selling prices for 2024–26

### Iberian integrated business

- Integrated business resilient in the current power price environment
- Baseload volumes hedged, %
  - 2024: 80% @ ~€90/MWh
  - 2025-26: 50% @ ~€60/MWh

### EDPR

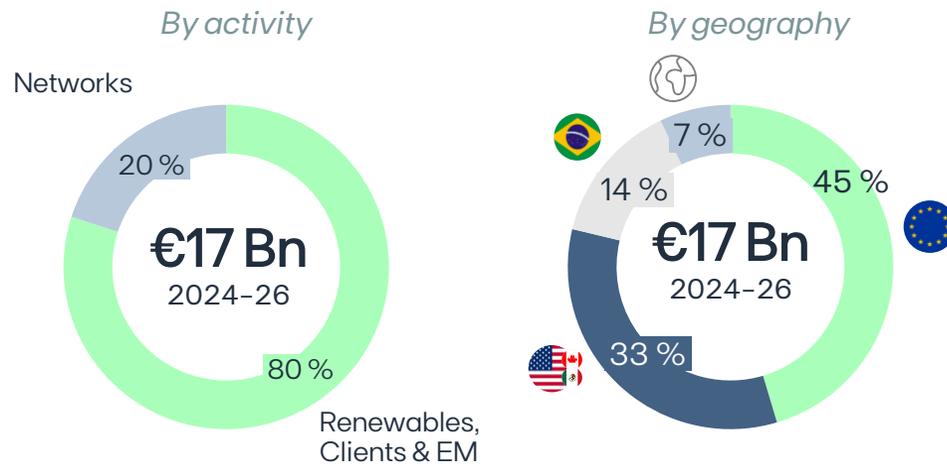
- High weight of long term contracted revenues
- Avg. portfolio selling price
  - 2024: €53–€54/MWh
  - 2025-26: ~€50/MWh

(1) Source: OMIE, data updated as of 25<sup>th</sup> April 2024

# ...leading to a focus on capital optimization and robustness of the balance sheet...

## Deceleration of investments in 2024–26<sup>1</sup>: focus on top projects via a selective and disciplined criteria

Gross investments 2024–26<sup>1</sup>, € Bn



✓ Capital allocation following a clear investment framework, keeping our selective and disciplined approach

1.4x  
IRR/WACC

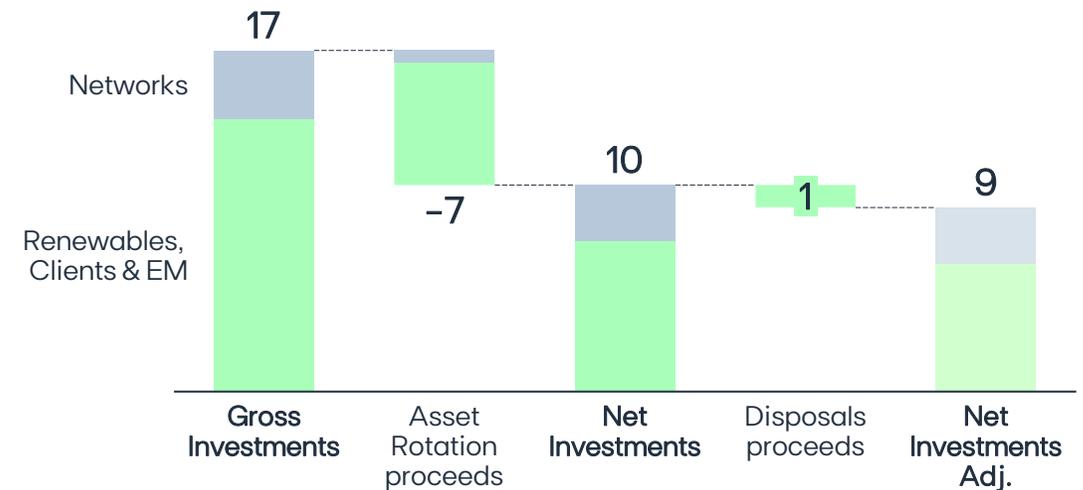
~250 bps  
IRR – WACC

>60%  
Contracted NPV

vs. ~200 bps previously

## Pursuing asset rotation strategy, targeting €7 billion proceeds in 2024–2026

Net investments 2024–26<sup>1</sup>, € Bn

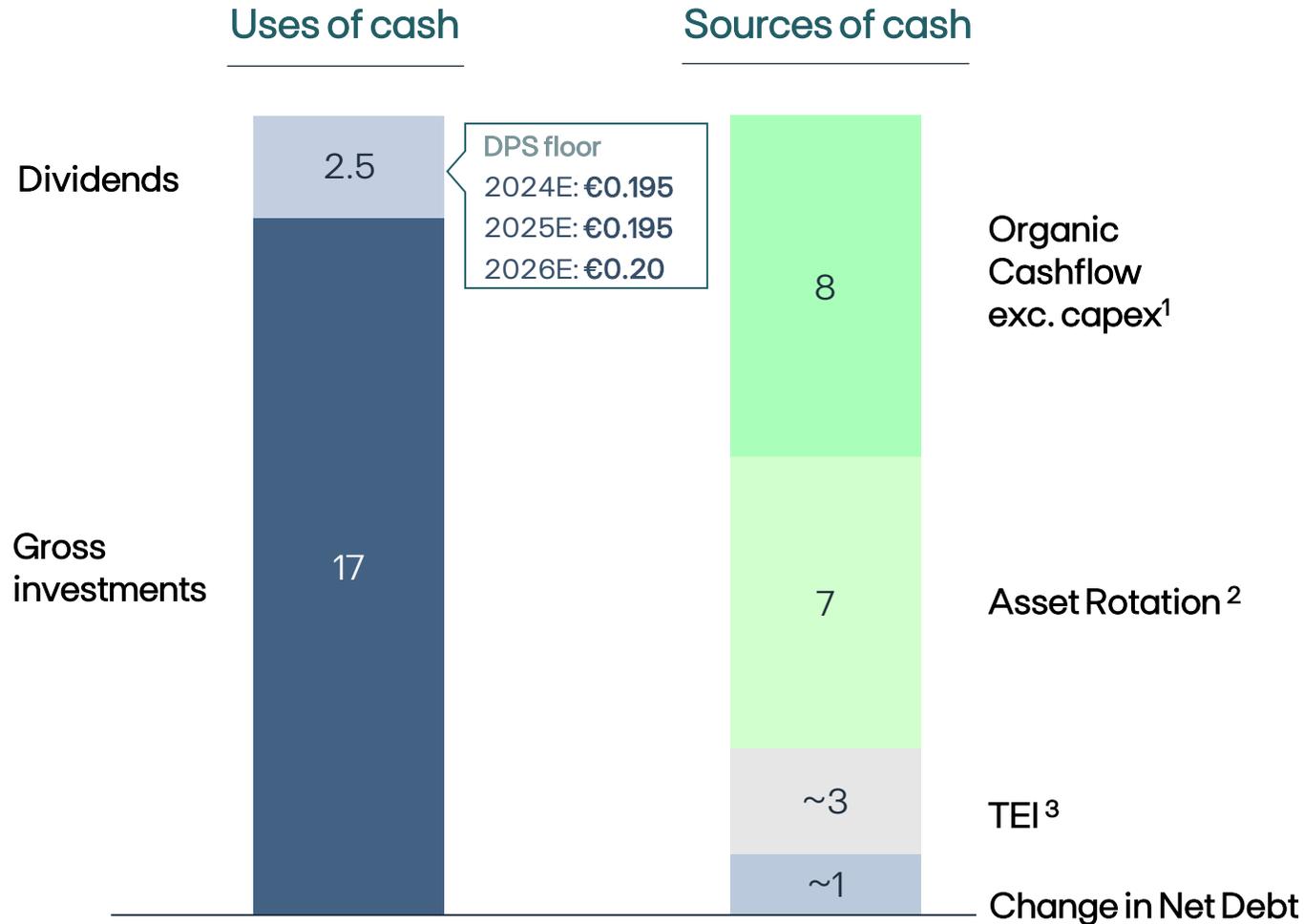


- ✓ Remaining AR for 2024 launched and evolving positively
- ✓ For 2024–2026: AR gains ~€300m/year
- ✓ Pursuing strategic disposals in Hydro Brazil in line with previous plan

(1) Includes financial investments

# ... supporting a fully funded plan through 2026 with BBB debt ratios

2024-26 Organic Sources and Uses of Funds (€ Bn)



Solid credit ratios, on the back of prudent investment policy and sound organic cashflow

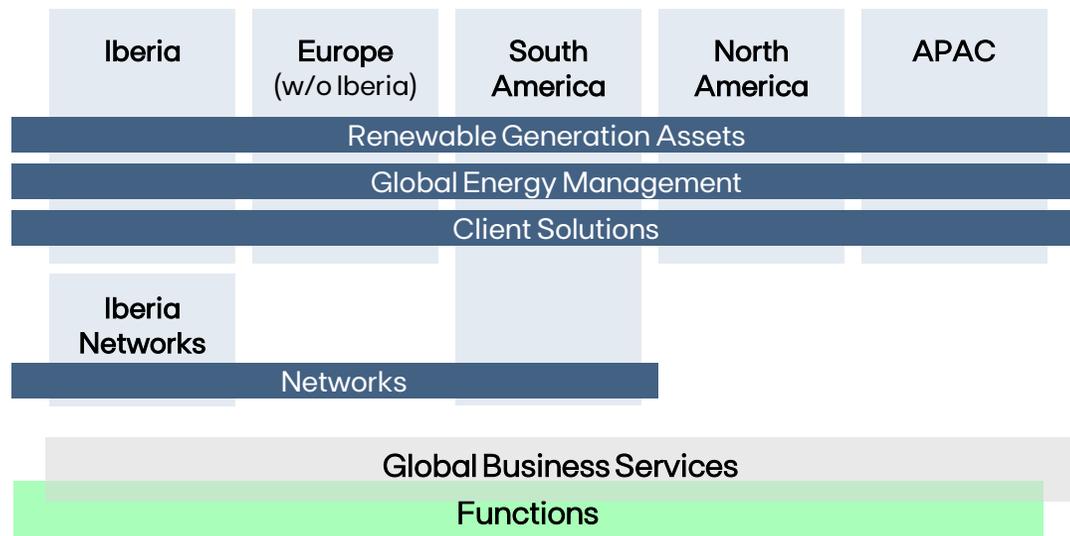


1. Operating CF net of interests, dividends paid to minorities and TEI payments. Includes asset rotation gains  
 2. Includes Disposals and excludes asset rotation gains  
 3. Excludes tax equity deconsolidated in relation to AR projects

# We are streamlining the organization to accelerate execution and extract further synergies from operations...

## New corporate structure to maximize value extraction from our businesses' portfolio

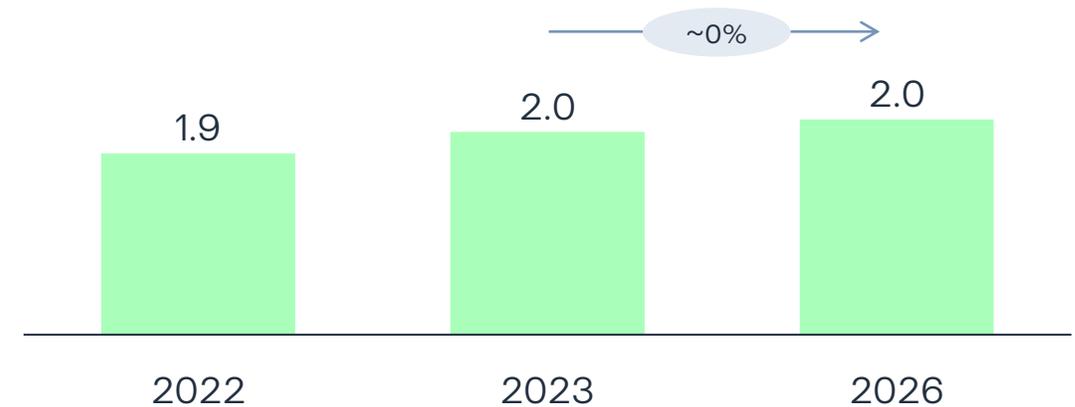
EDP Group new operational model



- ✓ Simplifying corporate structure
- ✓ Reinforcing intra-group synergies among business platforms and regions

## Efficiency measures in place allowing EDP to stabilize OPEX levels in 2024-26

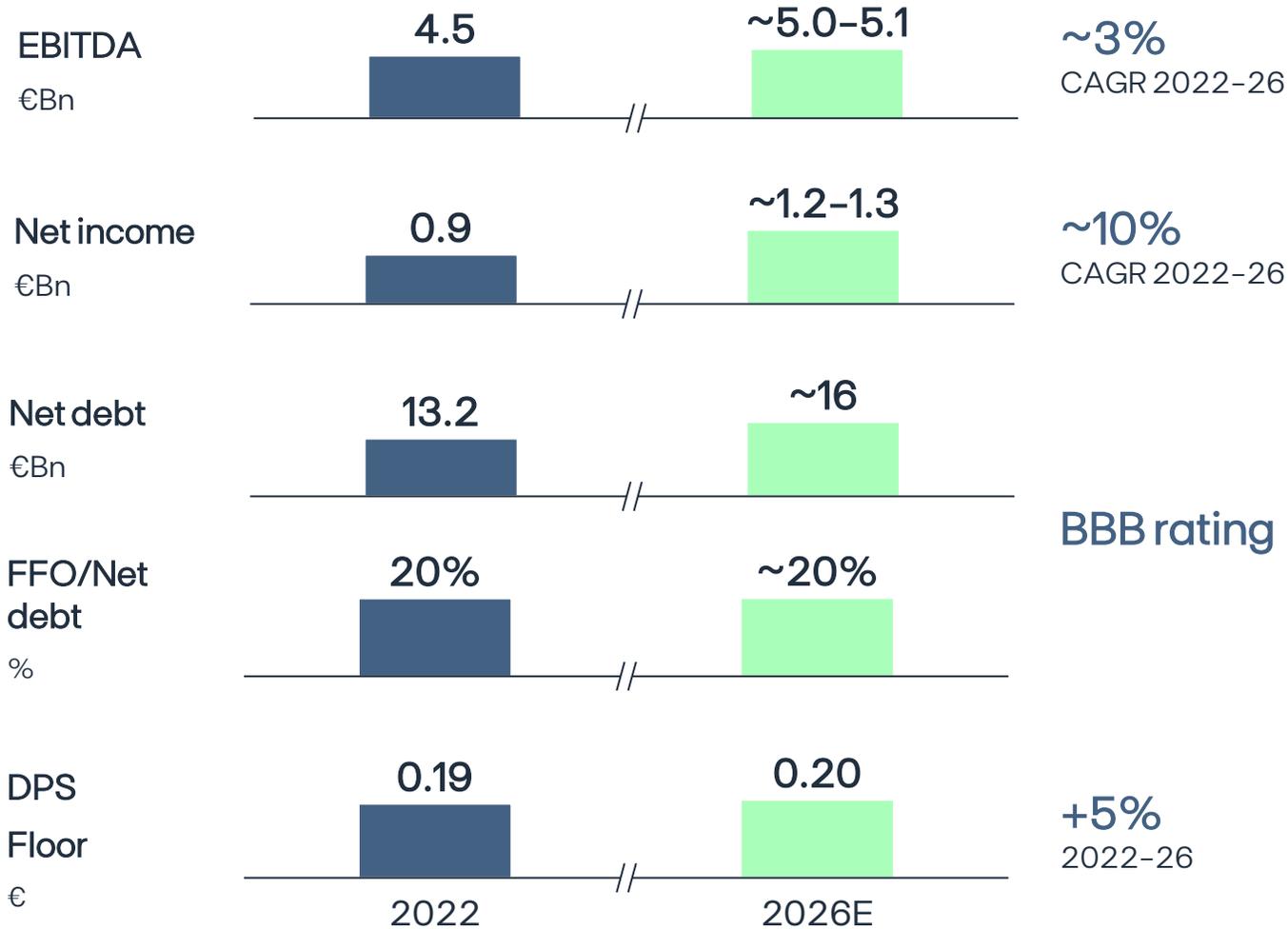
EDP OPEX  
€, Bn



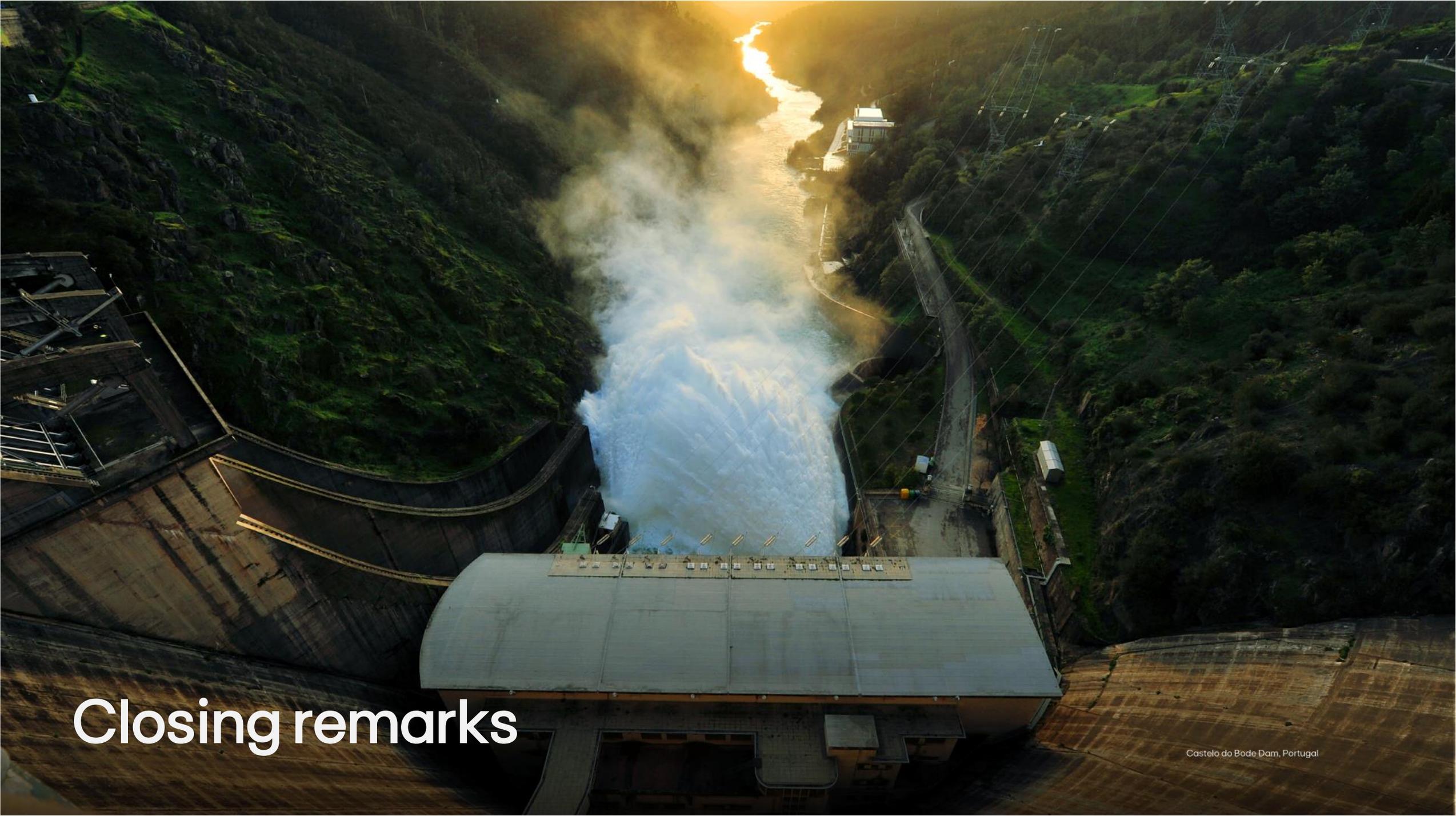
### Main drivers

- ✓ Operational optimization
- ✓ OPEX flat despite capacity growth
- ✓ Increased digitalization

# ...supporting 2026 updated guidance under current market conditions



- Continuing our growth path following a selective and disciplined investment criteria
- Portfolio diversification by market and business, with high weight of regulated and LT contracted revenues driving growth of EBITDA and Net Profit in the current market context
- Downward revision of investment plan in 2024-26 and resilient operational performance support credit ratios and commitment with a BBB rating
- Maintenance of dividend policy with target payout range 60-70% and minimum DPS of €0.20 in 2026



# Closing remarks

# Closing remarks on 1Q24 results and 2026 guidance update

- **Solid 1Q24 results, with +20% net income growth YoY** supported by: strong hydro volumes, stable EDPR performance and resilient regulated networks performance and enhanced by EDP Brasil minorities buyout at the bottom line.
- **EDP with a diversified and balanced portfolio between hydro, client solutions and energy management, EDP Renewables and electricity networks.** Aiming to extract the most value of each segment: hydro flexibility with added value in the current context, strong customer base, wind & solar generation with long term contracted revenues and electricity networks providing stable and attractive returns.
- **Change in market conditions over the last 6 months led to an updated plan for 2024–26** to accommodate for lower electricity prices and higher interest rates environment for longer vs. what was foreseen at the time of 2023 CMD.
- **2024–26 plan update highly focused on capital optimization and robustness of EDP’s balance sheet:** deceleration of investment, with €17 Bn gross investments targeted over 2024–26. Selective and disciplined investment criteria, prioritizing returns over volume.
- **Fully funded plan for 2026, with a strong focus on solid financial ratios, compliant with BBB rating:** FFO/Net Debt 2026 ~20%.
- **Efficiency efforts in place supporting earnings outlook for 2026:** Ongoing implementation of corporate structure simplification will foster intra-group synergies among business platforms and regions, allowing EDP to keep OPEX levels unchanged over the plan period vs. 2023 levels.
- **€1.3 Bn net income guidance for 2024 reiterated; 2026 Net Income incorporating current market and macro-outlook, with a CAGR 2022–26 of 10%.**

# Q&A

## **IR Contacts**

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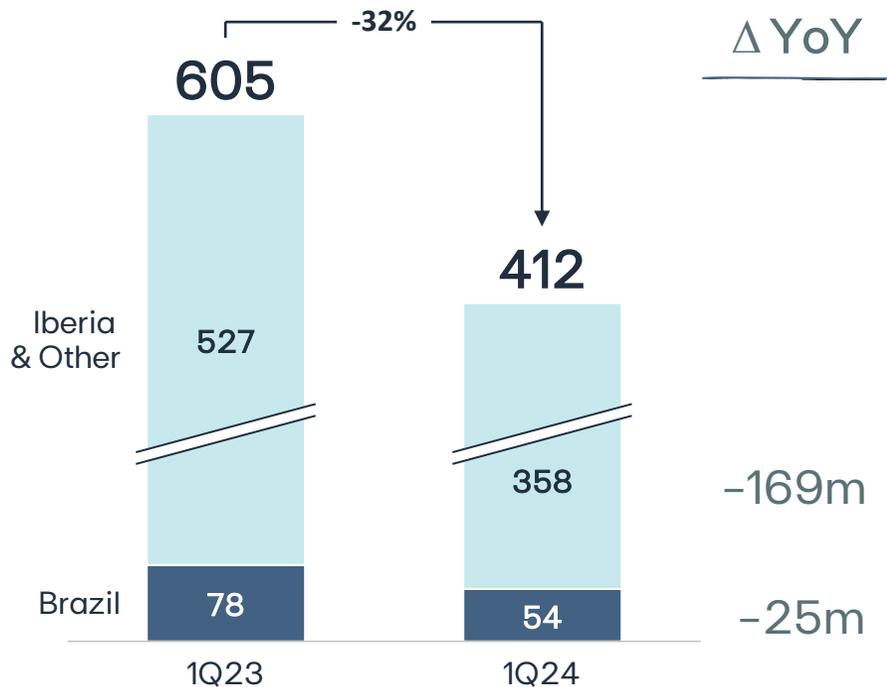
Phone +351 210 012 834

Site: [www.edp.com](http://www.edp.com)

# Generation & supply integrated EBITDA at €412m, -32% YoY following integrated margin normalization vs. extremely positive 1Q23

## Hydro, Clients & EM Recurring EBITDA €m

YoY growth, %

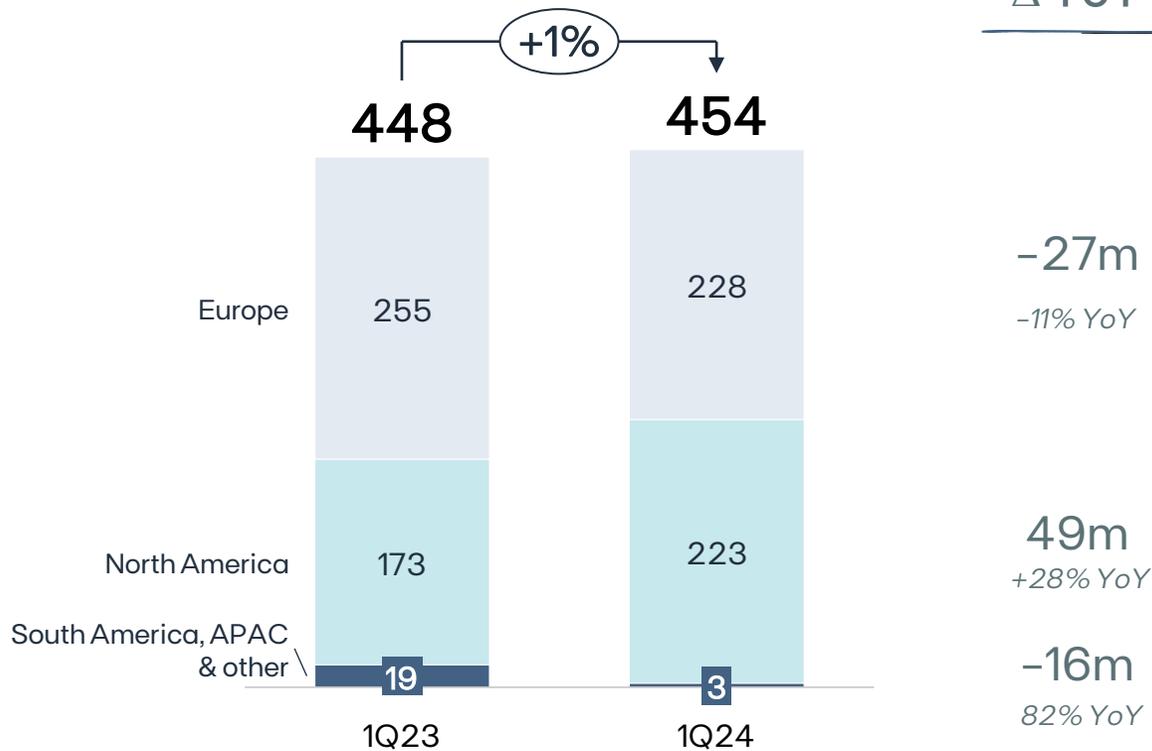


| Iberia                                | 1Q23 | 1Q24 | YoY  |   |
|---------------------------------------|------|------|------|---|
| Hydro coefficient in Portugal, avg.=1 | 0.95 | 1.38 | 45%  | ↑ |
| Hydro Generation, TWh                 | 3.6  | 4.9  | +37% | ↑ |
| Electricity spot price, OMIE €/MWh    | 96   | 45   | -53% | ↓ |
| Gas spot price Mibgas, €/MWh          | 52   | 27   | -47% | ↓ |

# Wind & Solar EBITDA flat YoY: ~€58m AR gains mitigating lower generation YoY

## Wind & Solar Recurring EBITDA €m

YoY growth, %



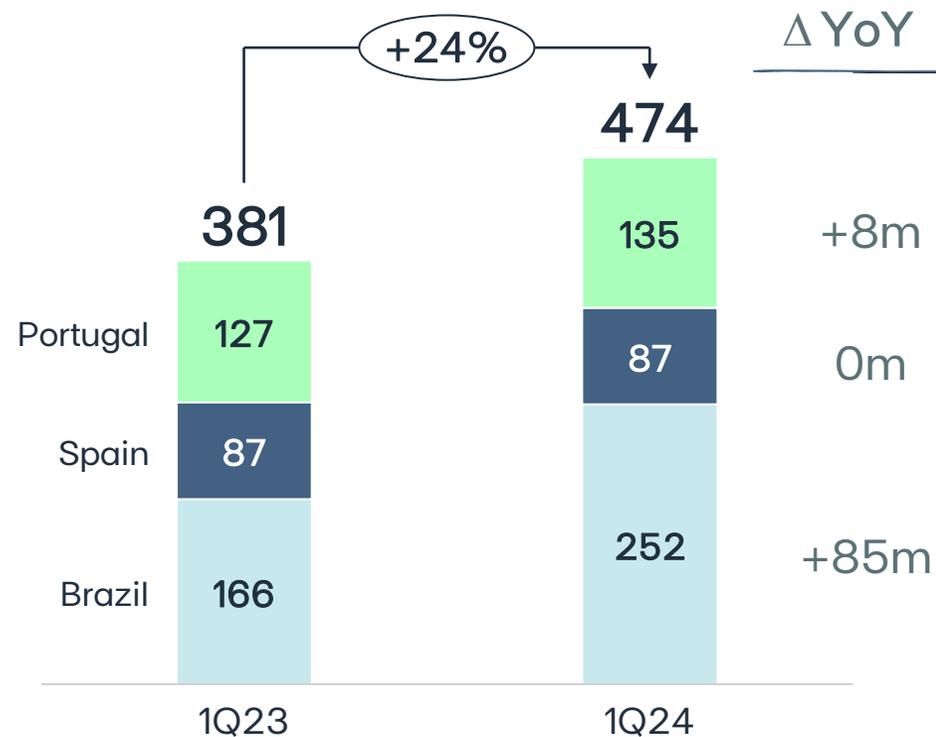
|  | 1Q23 | 1Q24 | YoY     |   |
|--|------|------|---------|---|
| Installed Capacity <sup>1</sup> , GW                 | 14.8 | 16.5 | +12%    | ↑ |
| Prod. deviation vs. exp. LT Gross Capacity Factor, % | -2%  | -2%  | -0 p.p. | ↓ |
| Electricity Generation, TWh                          | 10.2 | 9.9  | -3%     | ↓ |
| Avg. Selling price, €/MWh                            | 62.5 | 60.6 | -3%     | ↓ |
| AR Gains, €m   | -    | 58   | -       | ↑ |

(1) EBITDA + Equity MW

# Electricity Networks EBITDA +24% on the back of ~€76m asset rotation gain from transmission deal in Brazil

## Electricity Networks Recurring EBITDA €m

YoY growth, %



|  | 1Q23  | 1Q24  | YoY      |
|--|-------|-------|----------|
| <b>Iberia</b>                              |       |       |          |
| Return on RAB Portugal, %                  | 5.56% | 5.55% | -2 bps ↓ |
| Return on RAB Spain, %                     | 5.58% | 5.58% | 0 bps →  |
| OPEX/ Supply Point Iberia <sup>1</sup> , € | 12.4  | 12.4  | 0% →     |
| <b>Brazil</b>                              |       |       |          |
| Networks EBITDA, R\$m                      | 928   | 1,343 | 45% ↑    |
| RAB <sup>2</sup> , R\$Bn                   | 12.8  | 12.8  | 0% →     |
| RoRAB <sup>3</sup>                         | 7.6%  | 7.3%  | -30bps ↓ |
| Electricity distributed (GWh)              | 6,866 | 7,308 | 6% ↑     |

(1) On a like for like basis  
 (2) Includes distribution RAB and transmission fixed assets  
 (3) After taxes and before inflation

# High financial liquidity at >€9 Bn supported by >€7bn of available credit lines, covering refinancing needs until 2027

## Financial liquidity

as of 1Q24, €Bn

Cash & Equivalents

2.3

Available Credit Lines

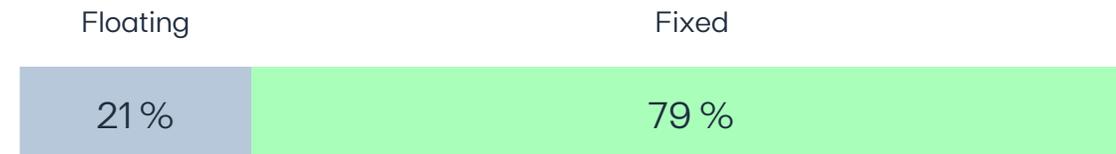
7.1

Total Liquidity

€9.4 Bn

## Avg. nominal debt by interest rate type

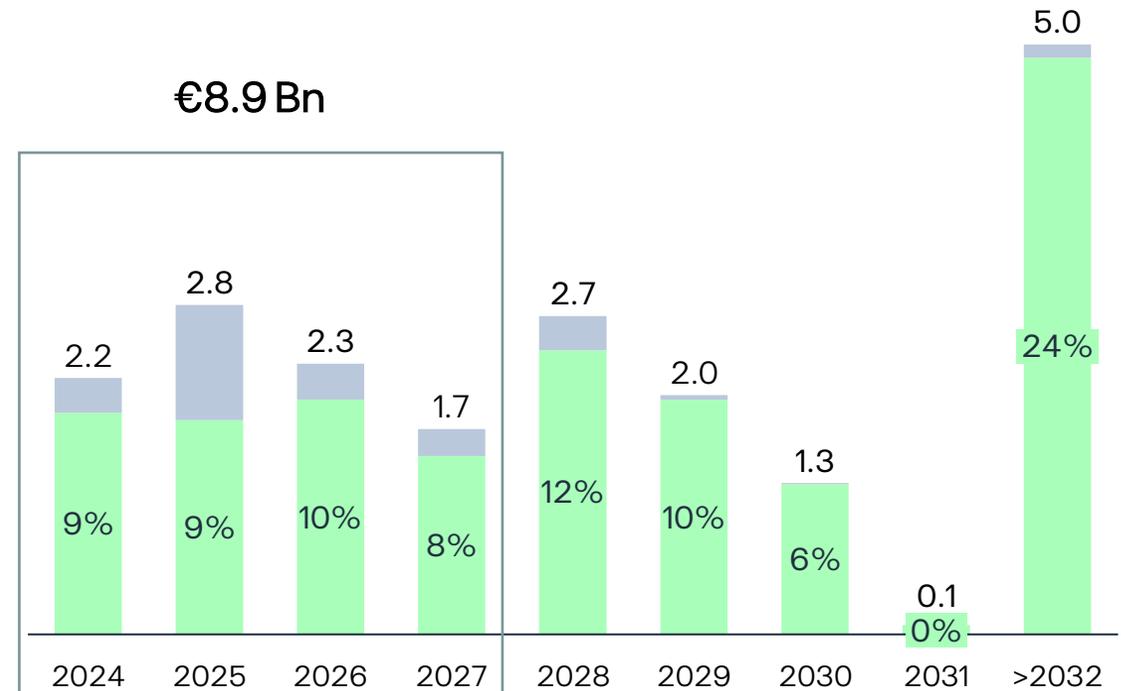
as of 1Q24



## EDP consolidated debt maturity profile<sup>1</sup>

as of 1Q24, €Bn

EDP Brasil  
EDP SA & EDP Finance BV and Other (% of total debt)

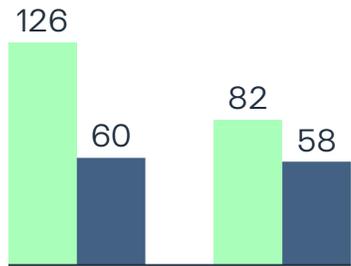


(1) Including hybrids at maturity

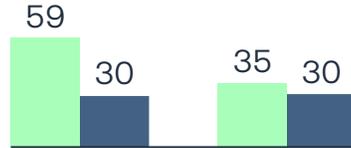
# Main market and macro assumptions vs. Previous Plan

■ CMD 
 ■ Current assumptions

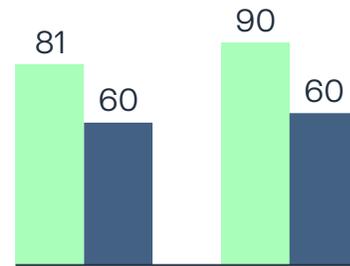
Pool Iberia  
€/MWh



TTF  
€/MWh



CO<sub>2</sub>  
€/ton



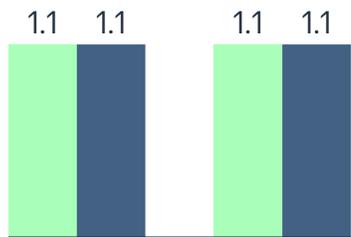
Inflation Europe %



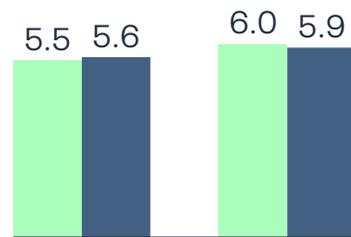
Inflation Brazil %  
Avg. IPCA / IGPM



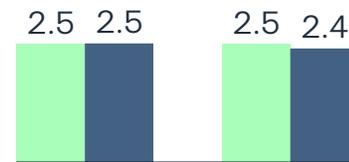
EUR/USD



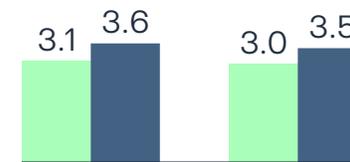
EUR/BRL



EUR 7Y MidSwap  
%



USD 7Y Treasuries  
%



SELIC  
%



2024      2026

2024      2026

2024      2026

2024      2026

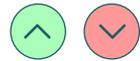
2024      2026

# Key sensitivities on net income for 2026

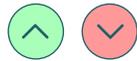


2026 Net Income Impact

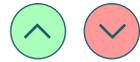
Avg. Pool Price Spain



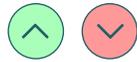
€5/MWh

~€40m 

IB Hydro volume



10%

~€30m 

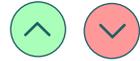
FX EUR/USD



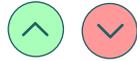
+0.10

~€30m 

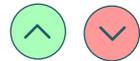
FX EUR/BRL



+0.50

~€30m 

Euribor



+100bps

~€20m 

# 2026 EBITDA Guidance

## Detail by segment



~€5.0–5.1 Bn

2026 EBITDA guidance



~€2.4 Bn

Electricity Networks

~€1.6 Bn

Generation & Supply

~€1.0 – 1.1 Bn