



### Disclaimer

This document has been prepared by EDP – Energias de Portugal, S.A. (the "Company") solely for use at the presentation to be made on this date and its purpose is merely of informative nature and, as such, it may be amended and supplemented and it should be read as a summary of the matters addressed or contained herein. By attending the meeting where this presentation is made, or by reading the presentation slides, you acknowledge and agree to be bound by the following limitations and restrictions.

This presentation may not be distributed to the press or to any other person in any jurisdiction, and may not be reproduced in any form, in whole or in part for any other purpose without the express and prior consent in writing of the Company.

This presentation and all materials, documents and information used therein or distributed to investors in the context of this presentation do not constitute or form part of and should not be construed as, an offer (public or private) to sell or issue or the solicitation of an offer (public or private) to buy or acquire securities of the Company or any of its affiliates or subsidiaries in any jurisdiction or an inducement to enter into investment activity in any jurisdiction.

Neither this presentation nor any materials, documents and information used therein or distributed to investors in the context of this presentation or any part thereof, nor the fact of its distribution, shall form the basis of, or be relied on in connection with, any contract or commitment or investment decision whatsoever and may not be used in the future in connection with any offer (public or private) in relation to securities issued by the Company.

Any decision to invest in any securities of the Company or any of its affiliates or subsidiaries in any offering (public or private) should be made solely on the basis of the information to be contained in the relevant prospectus, key investor information or final offering memorandum provided to the investors and to be published in due course in relation to any such offering and/or public information on the Company or any of its affiliates or subsidiaries available in the market.

Matters discussed in this presentation may constitute forward-looking statements. Forward-looking statements are statements other than in respect of historical facts. The words "believe," "expect," "anticipate," "intends," "estimate," "will," "may", "continue," "should" and similar expressions usually identify forward-looking statements.

Forward-looking statements include statements regarding: objectives, goals, strategies, outlook and growth prospects; future plans, events or performance and potential for future growth; liquidity, capital resources and capital expenditures; economic outlook and industry trends; energy demand and supply; developments of the Company's markets; the impact of legal and regulatory initiatives; and the strength of the Company's competitors. The forwardlooking statements in this presentation are based upon various assumptions, many of which are based, in turn, upon further assumptions, including without limitation, management's examination of historical operating trends, data contained in the Company's records and other data available from third parties. Although the Company believes that these assumptions were reasonable when made, these assumptions are inherently subject to significant known and unknown risks, uncertainties, contingencies and other important factors which are difficult or impossible to predict and are beyond its control. Important factors that may lead to significant differences between the actual results and the statements of expectations about future events or results include the company's business strategy, financial strategy, national and international economic conditions, technology, legal and regulatory conditions, public service industry developments, hydrological conditions, cost of raw materials, financial market conditions, uncertainty of the results of future operations, plans, objectives, expectations and intentions, among others. Such risks, uncertainties, contingencies and other important factors could cause the actual results, performance or achievements of the Company or industry results to differ materially from those results expressed or implied in this presentation by such forward-looking statements.

The information, opinions and forward-looking statements contained in this presentation speak only as at the date of this presentation, and are subject to change without notice unless required by applicable law. The Company and its respective directors, representatives, employees and/or advisors do not intend to, and expressly disclaim any duty, undertaking or obligation to, make or disseminate any supplement, amendment, update or revision to any of the information, opinions or forward-looking statements contained in this presentation to reflect any change in events, conditions or circumstances.



## Energy transition is ever more pressing to address climate change...

### Breaking temperature records

4 months in a row (July-Oct. 2023)

Hawaiian deadliest US wildfires in over a century

### 54% higher GHG emissions

than in 1990

Beijing's heaviest rainfalls in

140 years displacing over

1 million people from their homes

#### >3 billion people

live in regions that are considered highly vulnerable to climate change Ocean temperatures broke records

## Governments are stepping with unprecedent strategic commitments

#### Inflation Reduction Act

> \$400bn in climate spending to reduce emissions > 40% by 2030

Expansion and extension of PTCs and ITCs with 10+ years of full-value credits visibility, adjusted for inflation

New tax credits implemented for clean hydrogen (up to \$3/kg tax credit) and storage (eligible for ITCs for the first time)

#### RFPowerFU



>€200bn in grants by 2027 to achieve 45% RES generation and x2.5 RES capacity (vs. 2021) by 2030

#### Green Deal Industrial Plan & Market Design reflection

Predictable and simplified regulatory environment (access to funding, skills, and open trade for resilient supply chains)

#### The Wind Power Action Plan

Improve & simplification of auction's design, digitalization commitments, action plan on grids & ensure fair market standards

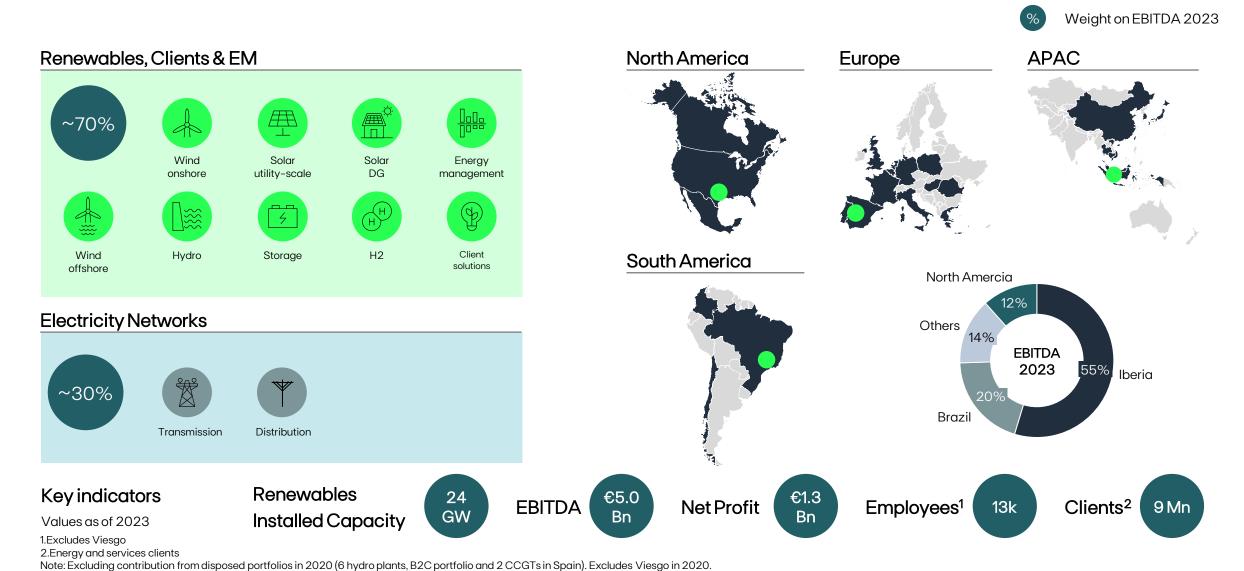
#### **APAC Net Zero Path**



Increasing commitments, with RES generation targets scaling up

### We are a global company, leader in the energy sector, present in 4 regional hubs throughout different stages of the value chain







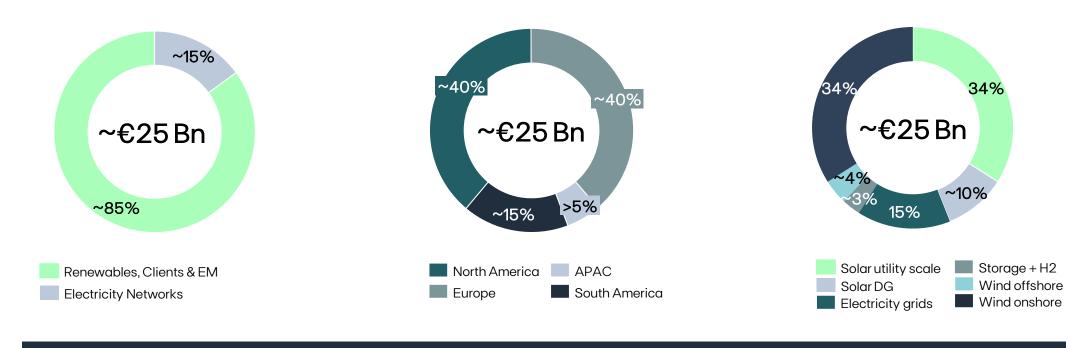
## Business Strategy

### Our investment plan is focused on the energy transition, with a strong focus on renewables and core low-risk markets



#### Reinforcing our investment in the energy transition, across core low risk markets

Gross Investments<sup>1</sup> 2023-26 (€ Bn)



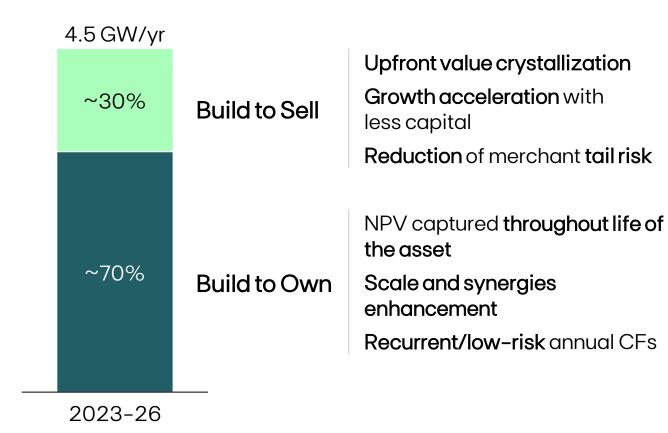
Following a clear investment framework, maintaining our selective and disciplined approach

### We will deploy our distinctive asset rotation strategy to crystalize value and fund additional growth opportunities



~€7Bn

AR proceeds and capital gains



~€20 Bn

EV<sup>1</sup> rotated track record since 2012

~€1.7 Mn

Avg. EV/MW in 2021-222

~40%

Avg. AR gains/invested capital in 2021-22

>200 bps

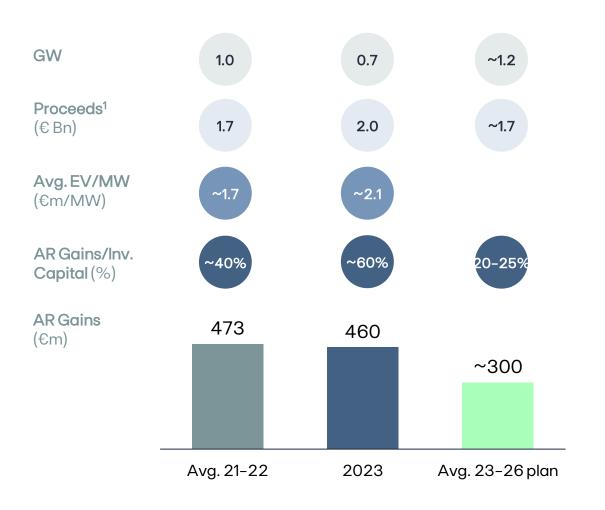
IRR spread, with proceeds reinvested in quality and value accretive projects

<sup>1.</sup> Considering EV at 100%

<sup>2.</sup> Average proceeds of Wind and Solar per MW

## Strong asset rotation execution in 2023 with €460m gains and positive outlook for 2024, with 2 transactions closed in 1Q24 and other pending closing

#### 3 AR deals closed in 2023 – Key metrics



#### Outlook for 2024

#### Closed



Sale of 80% stake in 340 MWac portfolio, \$0.4 Bn EV





Transmission: 743 Km, BRL 288.5m Annual Allowed Revenue, EV@€482m

#### Signed



Sale of 80% stake in 297 MW portfolio, C\$0.6 Bn EV



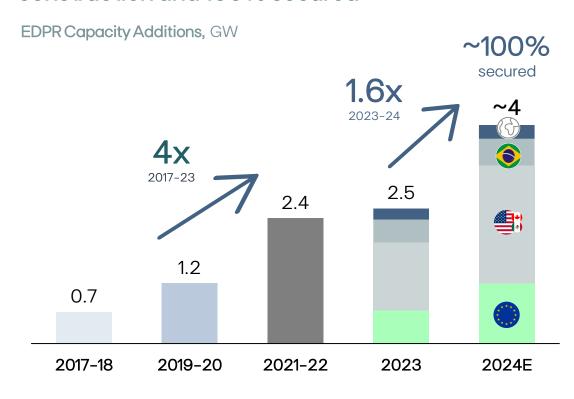
OW sale of 16.6% stake in the Moray East offshore wind farm (950 MW), €3.6m EV/MW @EDPR

Asset rotation gains and proceeds for 2024 expected to be in line with strategic plan annual target

## EDPR 2024 additions clearly identified and ~100%, secured supporting renewables generation ramp up over 2024



4 GW on track for 2024, with 85% already under construction and 100% secured



North America and Europe expected to be the main growth contributors in 2024, representing ~80% of total

### Attractive long-term revenues secured in 2022-2023 for 10 GW

EDPR secured capacity 2023-26, GW

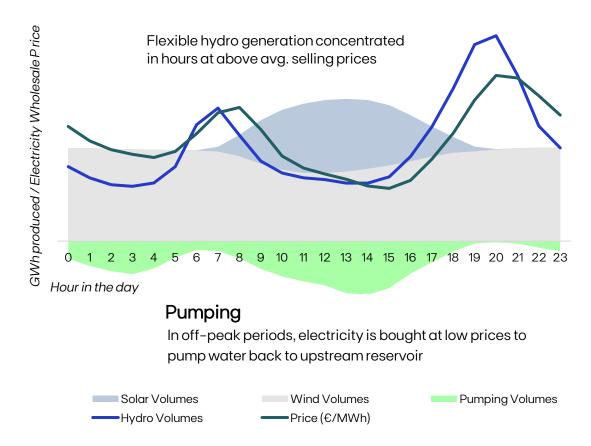


- Out of the 10 GW of secured capacity, 61% have been approved under a higher PPA price environment
- Improved market conditions for projects to be installed post late 2024: lower inflation pressure, easing interest rates

## Flexible hydro generation fleet with 45% of pump. & storage and 75% with reservoir support sustained hydro realized price premium vs. baseload

Higher renewables penetration enhancing intraday spreads

Avg. hourly price and renewables generation Portugal 2023<sup>1</sup>



EDP well positioned to benefit from higher volatility in intraday prices



EDP hydro installed capacity

5.5 GW

~75% with reservoir

~45% with pumping

2023 hydro realized price

+25%

Premium vs. Baseload

10

- Increase of solar weight in generation mix leading to higher intraday spreads, increasing hydro realized price
- > Strong pumping results in 2023 (~€50m margin) expected to grow in 2024-25

(1) Source: REN Investors' Presentation

### Regulated networks in EDP's portfolio: 30% weight on EBITDA and Net Profit, RAB net of minorities +29% following EDP Brasil minorities buyout

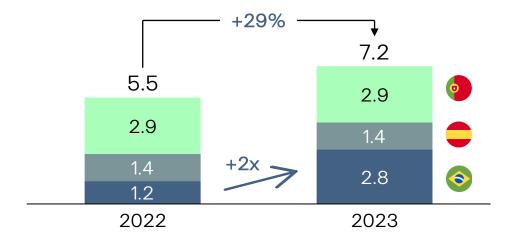
Networks portfolio with a significant weight in EBITDA, reflecting the growth in our asset base

Weight of networks business in EBITDA and Net Profit 2023

~30%

EDP Brasil minorities buyout in July 2023 strongly increasing EDP Networks RAB net of non-controlling interests

EDP RAB, net of non-controlling interests, € Bn1



#### Positive developments on networks outlook for 2024





EDP São Paulo tariff review for 2023-27 in place since Oct. 2023 with RAB doubling vs. last regulatory period



Ongoing process for the renewal of distribution concessions for 30 years: EDP ES renewal concession in July 2025





2024 regulated revenues: RoRAB + 52 bps to 5.57%, inflation update of +5.3%





Positive court decision regarding retroactive remuneration of older regulated asset base ("Lesividad")



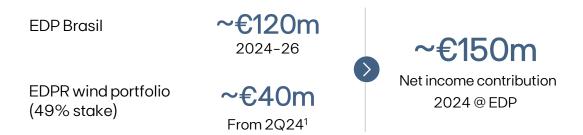
Initial proposal of regulated returns for next regulatory period expected to be published by 2024YE

~€1Bn investment in distribution and transmission in 2024 (capex/D&A ~1.8x times)

## Acquisitions of minority interests at EDP Brasil and wind portfolio in Europe to support 2024–2026 earnings outlook

Minority buyouts executed in 2023 increasing exposure to earnings enhancing businesses

Net Income annual contribution

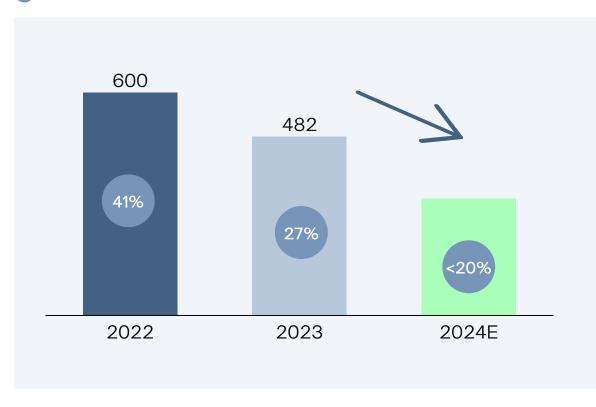


- EDP 100% owned activities with a strong performance, weighting 70% in 2023 net income
- TSR of EDP Brasil peer group<sup>2</sup> +46% since tender offer launch vs. +22% premium paid by EDP

Decrease of minorities at P&L enhancing EDP's net income from 2023 onwards

Net Profit attrib. to non-controlling Interests, recurring figures, m€

Net Profit attrib. to minorities/ Net Profit before minorities





13

## High financial liquidity at >€10 Bn, supported by >€7bn of available credit lines, covers refinancing needs until 2027

#### Financial liquidity

as of Dec-23, €Bn

Cash & Equivalents 3.4

Available Credit Lines 7.1

Total Liquidity €10.5 Bn

#### Avg. nominal debt by interest rate type

as of Dec-23

Floating Fixed

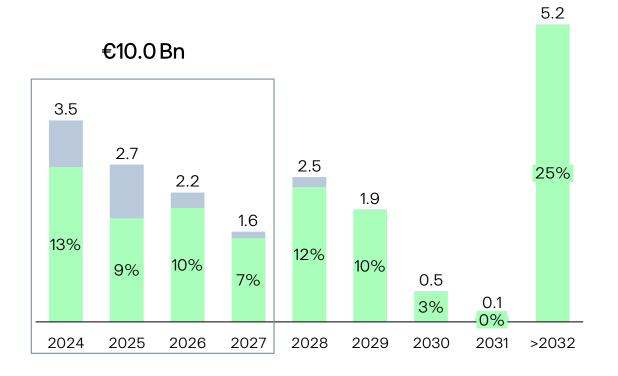
21% 79%

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

as of Dec-23, €Bn

EDP Brasil

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



## We are delivering superior value through sustained EPS growth and a solid dividend policy with an increased floor



#### Attractive dividend policy

From...

To...

**DPS floor** 

€0.19

€0.19 in 2023

€0.195 in 2024-25

€0.20 in 2026

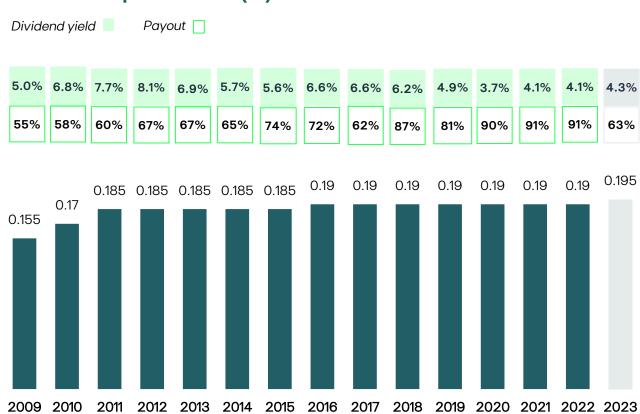
Target payout

75-85%

60-70%

Sustainable EPS growth to deliver DPS increase

### Dividend per share (€)



### Decarbonize: For a climate-positive world

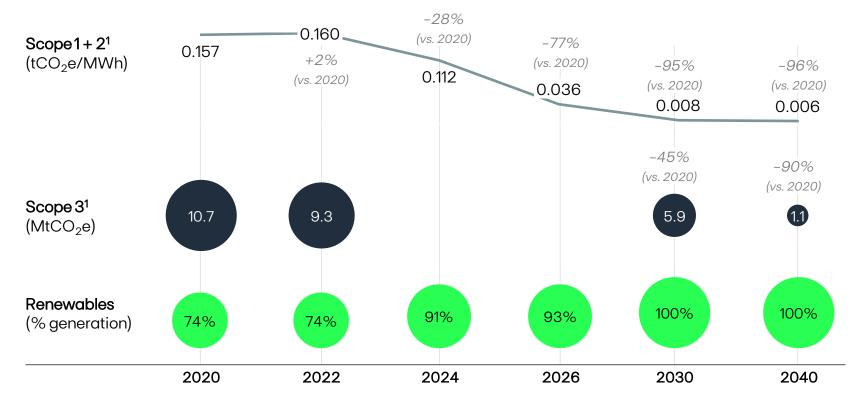


15

### Coal free by 2025 All green by 2030 Net Zero by 2040

Reinforce efforts for the decarbonization pathway of EDP's portfolio towards Net Zero, by aligning objectives with suppliers and processing the learning curve on offsetting to reduce emissions outside the value chain





Key milestones Decommission coal plants with a clear plan to mitigate impact on the community (e.g., reskilling, repurposing assets) Decommission/ repurpose gas assets (full portfolio) Ensure green procurement from all suppliers (start to engage now and provide support to ensure compliance by 2040)

1. 2020 as base year Investors' Presentation

### <u>o</u>edp

## Stepping up green leadership position: Key ESG metrics improving in 2023 and on track to be coal free by 2025

Emissions & EU Taxonomy metrics

1 96.4% (+0.4p.p. YoY) CAPEX aligned with EU Taxonomy

1 87% (+13 p.p. YoY)
Renewables in Total Generation

4.3% (-6p.p. YoY)
Revenues from coal

-50% vs. 2022 Scope 1 & 2 Emissions Intensity (gCO2/kWh) Progressing in our commitments, while being recognized by ESG performance

Member of

#### Dow Jones Sustainability Indices

Powered by the S&P Global CSA

#1 integrated electric utility in the S&P CSA Scores 2023



On track to be coal free by 2025: sale of 80% stake in Pecém and 50/50 partnership to convert Aboño into a gas-fired plant





Net Zero target by 2040 target recognized by SBTi



### YE23 Results

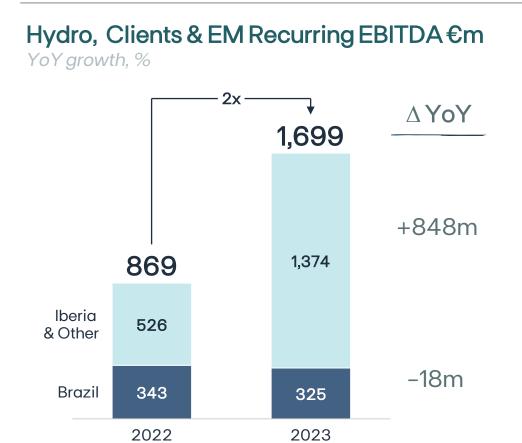
### Recurring EBITDA +11% YoY reflecting the growth of integrated margin and including~€0.5Bn of AR Gains

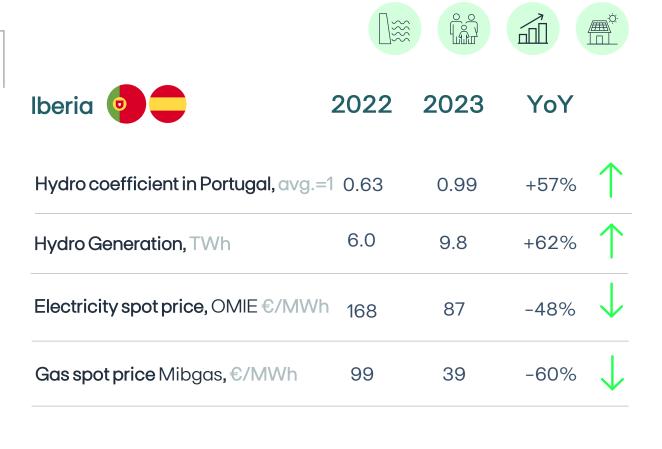




## Generation & supply integrated EBITDA rebound, on the back of hydro and sourcing conditions recovery vs. extremely adverse context in 2022

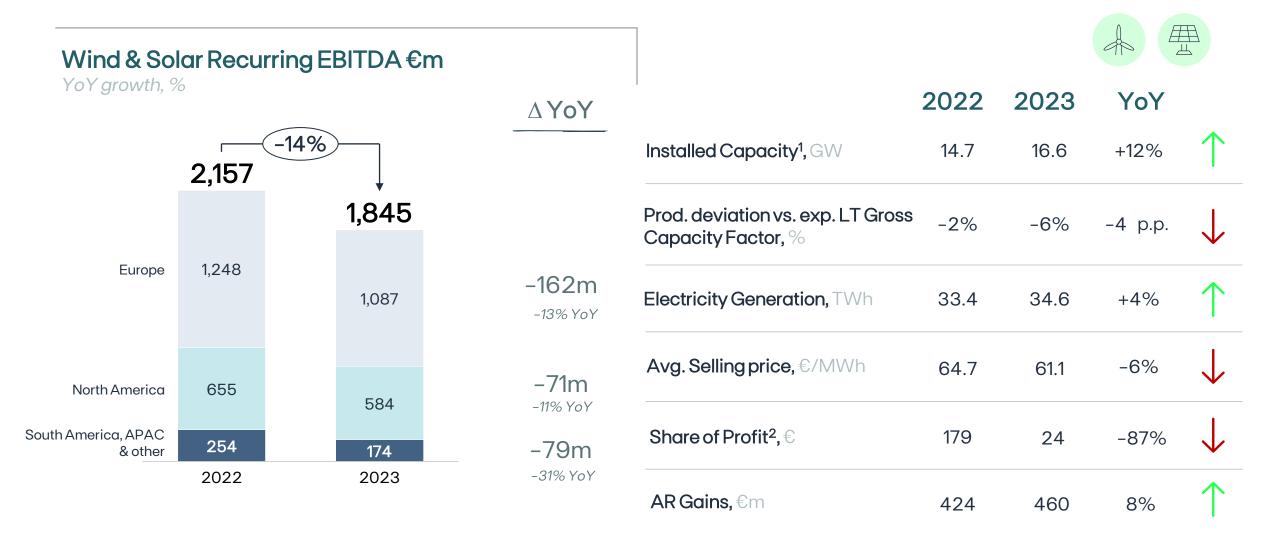






## Wind & Solar EBITDA decreasing YoY with ~€0.5Bn AR gains mitigating weaker wind resources and selling prices and lower contribution from OW





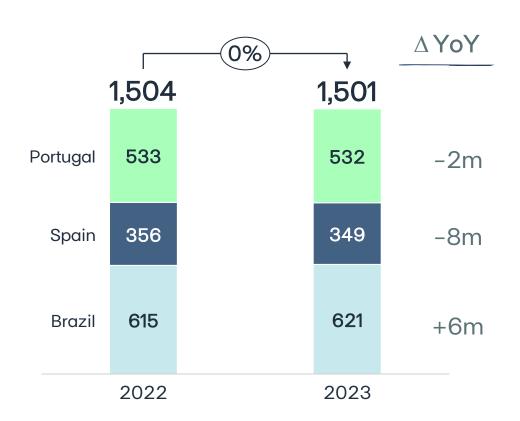
### Electricity Networks representing 30% of total EBITDA, roughly stable YoY







### Electricity Networks Recurring EBITDA €m YoY growth, %



Iberia •	2022	2023	YoY
Return on RAB Portugal, %	5.05%	5.57%	+53 bps
Return on RAB Spain, %	5.58%	5.58%	0 bps $\longrightarrow$
OPEX/Supply Point Iberia <sup>1</sup> , €	48.3	51.5	+7%
Brazil 🔵			
Networks EBITDA, R\$m	3,344	3,353	0% ->
RAB <sup>2</sup> , R\$Bn	11.7	15.2	30%
RoRAB <sup>3</sup>	7.6%	7.3%	-30bps
Electricity distributed (GWh)	26,491	27,778	5%

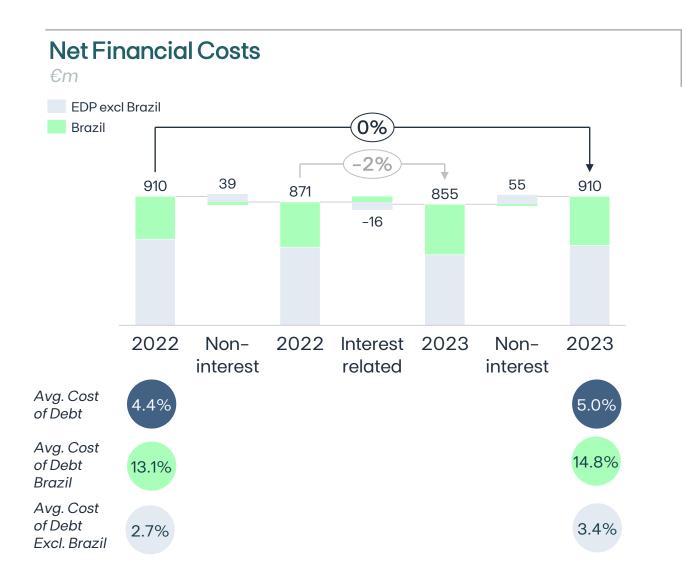
<sup>(1)</sup> On a like for like basis

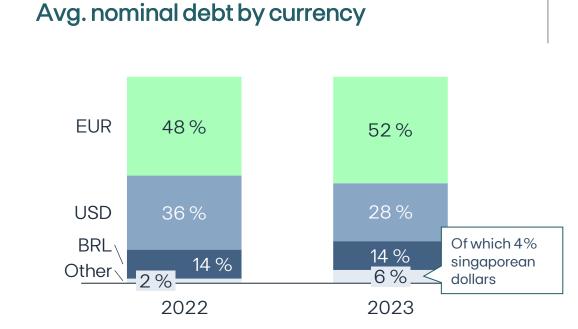
<sup>(2)</sup> Includes distribution RAB and transmission fixed assets

<sup>(3)</sup> After taxes and before inflation

## Net financial costs flat YoY: cost of debt increase mitigated by higher capitalized interest due to higher volumes of construction activities

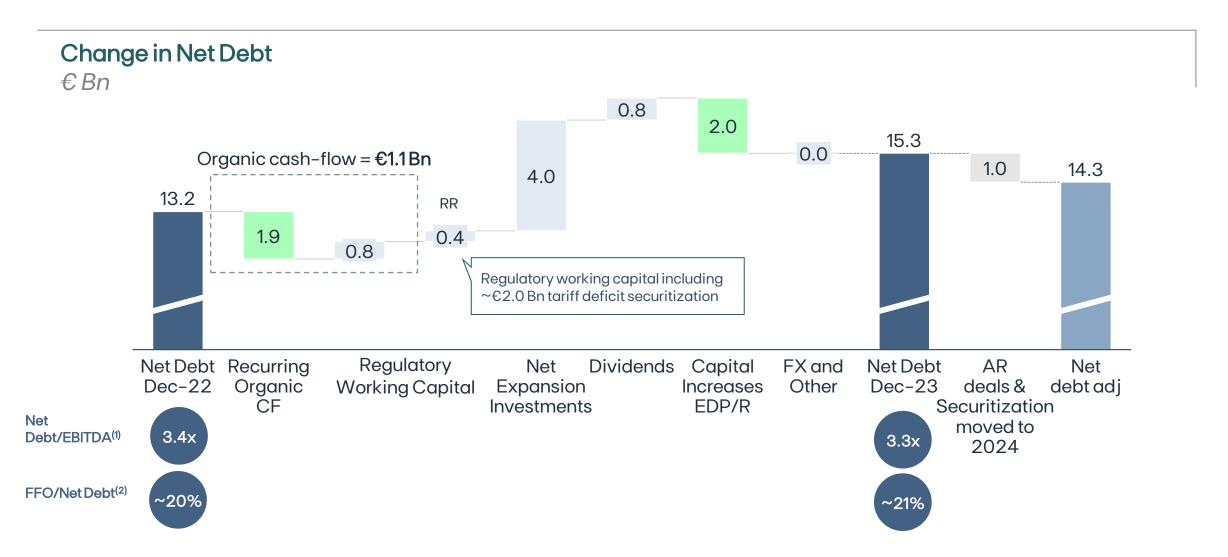






- Higher weight of EUR debt, with marginal cost of financing decreasing. Recent issuance: €750m @3.5% coupon, maturing in July 2030
- Decline in USD debt weight in 2023, to be reinforced by recent repurchase of 367m USD debt @6.3% coupon

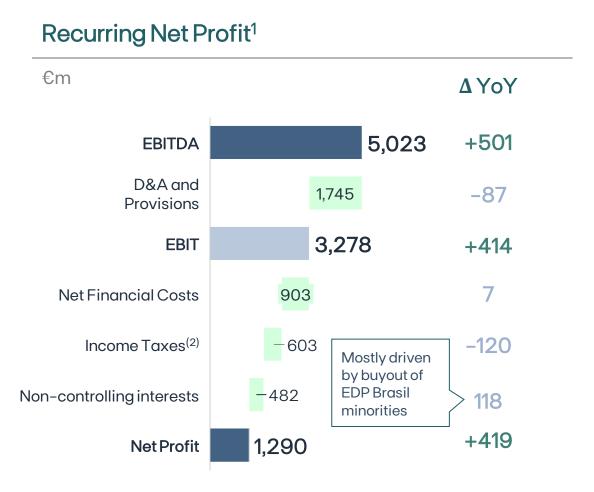
## Improvement of credit ratios: Net Debt/EBITDA at 3.3x and FFO/Net Debt at 21% reflecting the capital structure reinforcement with €2 Bn capital increases



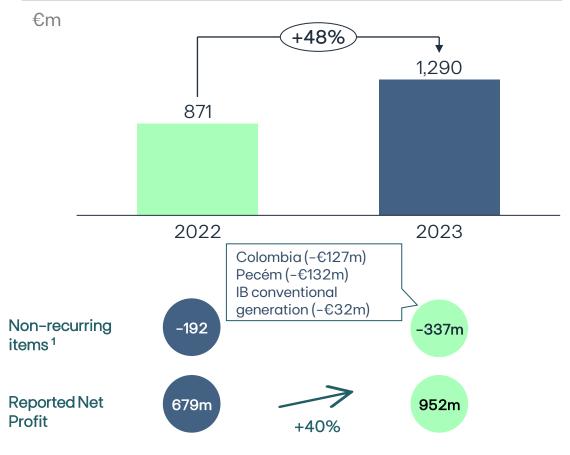
<sup>(1)</sup> Net of regulatory receivables; net debt excluding 50% of hybrid bond issues (including interest); Based on trailing 12 months recurring EBITDA and net debt excluding 50% of hybrid bond issue (including interest); Includes operating leases (IFRS-16);

### Recurring net Profit of €1.3 Bn, on the back of a strong integrated business rebound, and supported by lower minorities in Brazil since 3Q23





### Recurring Net Profit



<sup>(1)</sup> Adjustments and non-recurring items impact at net profit level:  $\ln 2023 + \text{\@COMM}$ , ii) Eberian conventional generation net impact (\$\tilde{\epsilon}32m), ii) EDPR impairments (\$\tilde{\epsilon}130m), iii) Pecém impact (\$\tilde{\epsilon}132m) and other impairments (\$\tilde{\epsilon}24m); iv) other one-offs at EDPR (\$\tilde{\epsilon}16m) and in Portugal (\$\tilde{\epsilon}4m). In 2022 -\$\tilde{\epsilon}192m, including: (i) impairments in thermal assets and other (-\$\tilde{\epsilon}154m), impairments in EDPR (-\$\tilde{\epsilon}41m); and others.



2023 with key milestones for our strategy announced at EDP's Capital Markets Day



Strengthening of balance sheet with €2 Bn equity raises of EDP and EDPR



Successful buyouts of minorities (EDP Brasil, wind Europe): earnings enhancing and reinforced weight of regulated networks and LT contracted renewables



€2.0 Bn asset rotation proceeds with €460m gains and AR gains/Invested Capital of 60%



Moody's upgrade of EDP rating to "BAA2" with Stable Outlook



On track to be coal-free by 2025: sale of 80% stake in Pecém and 50/50 partnership to convert the Aboño coal plant into a gas-fired one

### On track to deliver 2024 guidance



2024 Guidance

~€1.3 Bn

Net Profit recurring

Strong integrated business performance

Portfolio optimization, high reservoir levels, balanced position between generation and supply Regulated Electricity Networks resilience

Networks contributing 30% to EBITDA, acting as a portfolio stabilizer EDP Brasil minorities' buyout

100% earnings contribution following successful tender offer (~€120m impact in Net Profit)



### **IR Contacts**

E-mail: ir@edp.com

Phone +351 210 012 834

Site: www.edp.com

## EDP in Europe: integrated presence, operating throughout the value chain of the electricity sector



2023



8435 employees

5.3m clients



6.2GW<sup>1</sup> installed capacity

5.4 GW

0.6 GW

0.2 GW



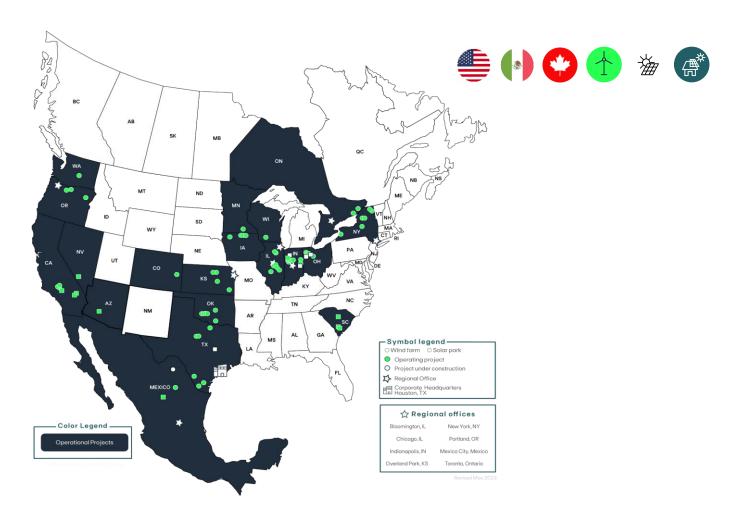
5.5GW<sup>1</sup> installed capacity



288k Km

 Net equity + EBITDA MW as of 2023. Includes solar DG from Client Solutions & EM segment

# EDP in NA: Presence grew significantly over the past decade, with EDPR being one of the largest wind and solar operators in that market



2023



1073 employees



8.4GW 1 installed capacity

7.1GW

1.1 GW

0.2 GW



Top 5
US wind operator

### EDP activity in Latam focused on Brazil, where the company acts across all stages of the value chain



2023



3133 employees 3.9m clients



1.3GW<sup>1</sup> installed capacity 0.8 GW

0.4 GW

0.1GW



2.0GW<sup>1</sup> installed capacity



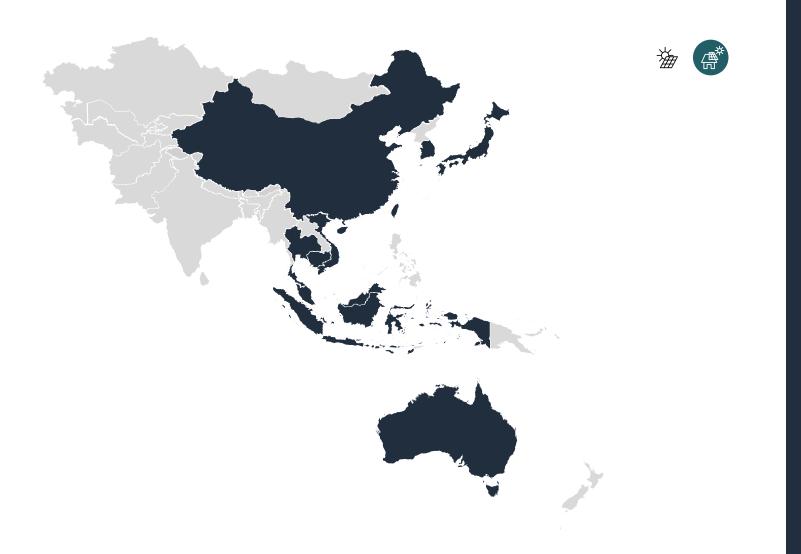
2.2k Km



97.0k Km

Net equity + EBITDA MW as of 2023. Includes solar DG from Client Solutions & EM segment

### EDP in Asia Pacific with pan-regional presence and focused accelerated renewables growth with Singapore as hub



2023



400 employees



0.9GW<sup>1</sup>

installed capacity

0.4 GW

0.5 GW



>2700 Buildings in Singapore

1. Net equity + EBITDA MW as of 2023