

Investor Presentation

March 2024 www.edpr.com





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Our Sector

The energy transition is ever more pressing to address climate change...



in 2022...

5th

warmest year since 1880

Record high CO₂ emissions

8 ocean stations observed water levels at an

all-time high

Antarctic Sea ice reached its

lowest min. extent

+100m

people living in coastal areas at high risk of rising sea levels

+100,000 ha

of forest burnt in Europe in a given week vs. long-term average 2006-21



... and is further reinforced by the need for endogenous, affordable and reliable energy



Shifting global dynamics...

Decrease in gas flows

~50% reduction of Russian gas flows to Europe, driven by ongoing conflict1

Increase in energy prices

 $\sim 7x$ increase in wholesale prices in Europe³ , $\sim 3x$ in the US^{2,3}

Rising inflation and interest rates

7-8 pp increase in inflation rate in Europe and the US from 2020 to 2022

+250-300 bps bond yields in the Eurozone and the US, respectively³

Supply chain challenges

97% of global solar wafers coming from China (evaluating a tech export ban)

Increasing CAPEX costs

20-30% CAPEX/MW increase estimated for 2023-26 vs. 2020-214

... further emphasize the need for



(Clean) Energy independence



Affordable energy



Reliable supply chains

Many reactions came with unprecedent strategic commitments to accelerate the energy transition



Change is already happening...

t \blacksquare

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)



REPowerEU

>€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

... with existing challenges being addressed



Long-term, predictable policy frameworks



Simplified, effective administrative procedures



Larger scale grid interconnections

United Nations Net Zero by 2050

Unprecedented and structural tailwinds for the energy transition

Source: IRA, European Commission, Press search

Triple renewables capacity between 2022 and 2030 is required to reach the 1.5°C target



+50%

EU recommends net greenhouse gas emissions 90% reduction by 2040, compared to 1990 levels



90%

EU recommends net greenhouse gas emissions 90% reduction by 2040, compared to 1990 levels

Upwards revision targets 2023–27

Including key markets where we are present: Germany, Brazil & US

Offshore Auctions

Upward revision of expected auction prices in UK & US

US Grid connection improvements

FERC released to reduce interconnection queue backlogs, creating strict timelines

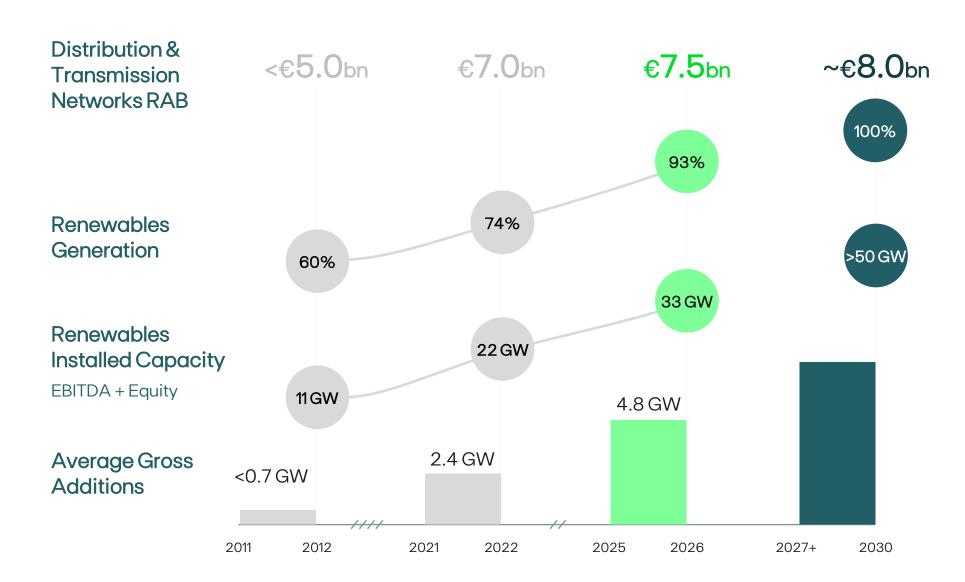


EDP Group Vision

EDP Group - Segments fully aligned with energy transition



We are an energy transition leader, creating superior value for all stakeholders



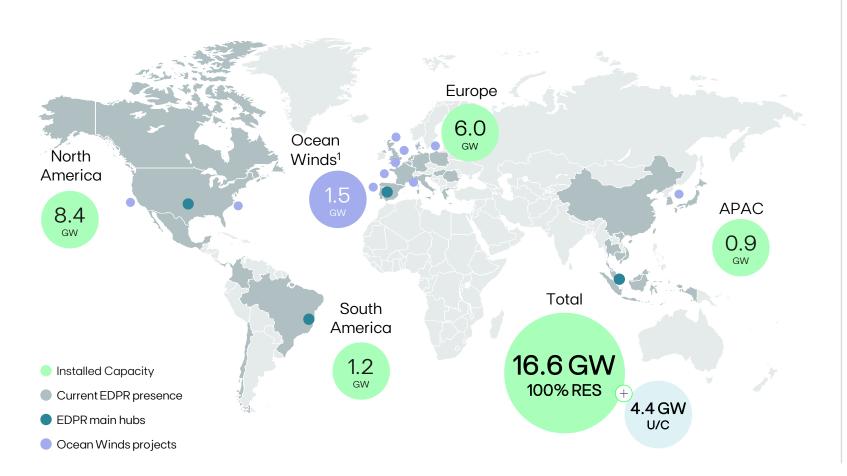


EDPR at a Glance

Global pure renewables player with a portfolio of 16.6 GW with more than 3,000 employees worldwide



EDPR global wind and solar installed capacity



Leading pure renewables player, with ~20 years of track record

Differentiated and leading position in the attractive US market

Scaled our European position through Kronos acquisition, entering Germany and reinforcing Central Europe

Established position in APAC through Singapore-based Sunseap

Tripled our Offshore gross portfolio from 6.6 GW² to 16.6 GW

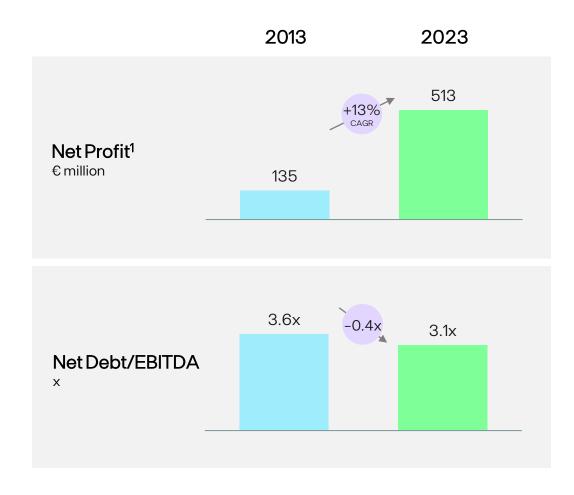
Developing **new business models** like Solar DG, Solar and Wind Hybridization, Storage, H2

Extensive track record that has delivered secular growth with debt being kept under control



Remarkable performance over the last decade...

... backed by outstanding execution of our business plans





Solid portfolio creation through the investment in **quality projects with predictable cash-flows** in global lowrisk markets...



...enhanced by an Asset rotation strategy, that **crystallizes and accelerates value creation...**



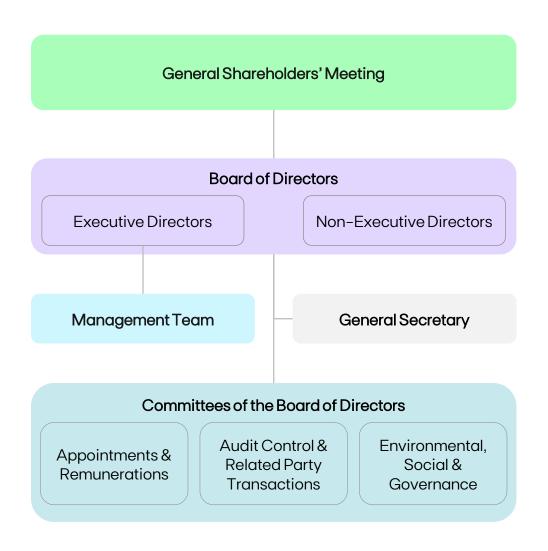
...supported by a distinctive workforce with unique competences and unparalleled know-how

2. Source: Bloomberg. Data from 31/12/2013 until 31/12/2023

[.] Recurring figures

Lean and independent Corporate Governance model in line with best practices





Key Highlights¹

- Independent Chairman
- 12 Board members
- 2 Executive directors (CEO and CFO)
- 33% Women
- 50% Independent Directors
- 100% independent directors at BoD Committees
- Establishment of a ESG Committee in 2022

1. As of Dec-22



Our Strategy

We strengthen our commitment to lead the energy transition and create superior value, further reinforced by the current context





>4 GW/yr

renewables deployed 2023-26

Net Zero

by 2040

A leading global renewables major

Pure 100% renewable player

Double

wind and solar installed capacity by 2026 (vs. 2020)

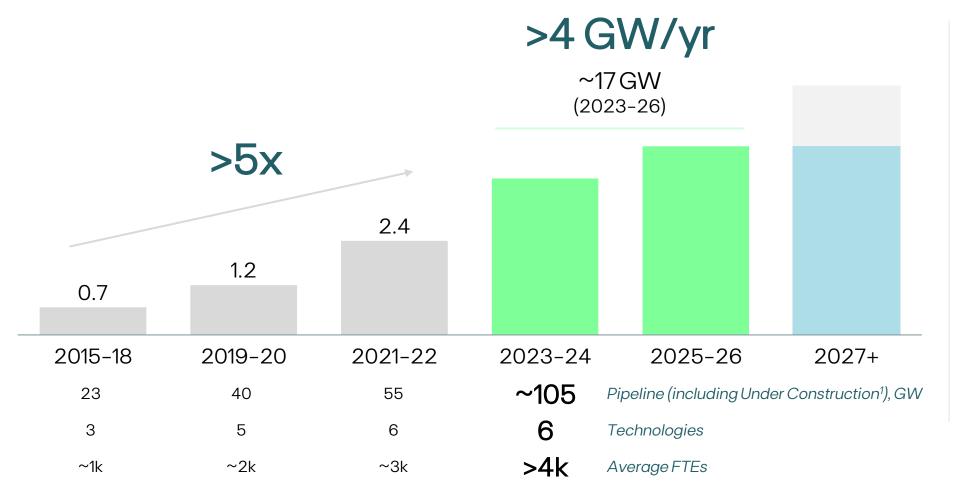
BP 2023-26 clearly restates EDPR's ambition to step-up to the Net Zero challenge as a leading 100% renewable global player

We are successfully ramping up growth, with flexibility to further accelerate...



EDPR gross additions

Average GW per year



Flexible pipeline allowing to adjust growth pace...

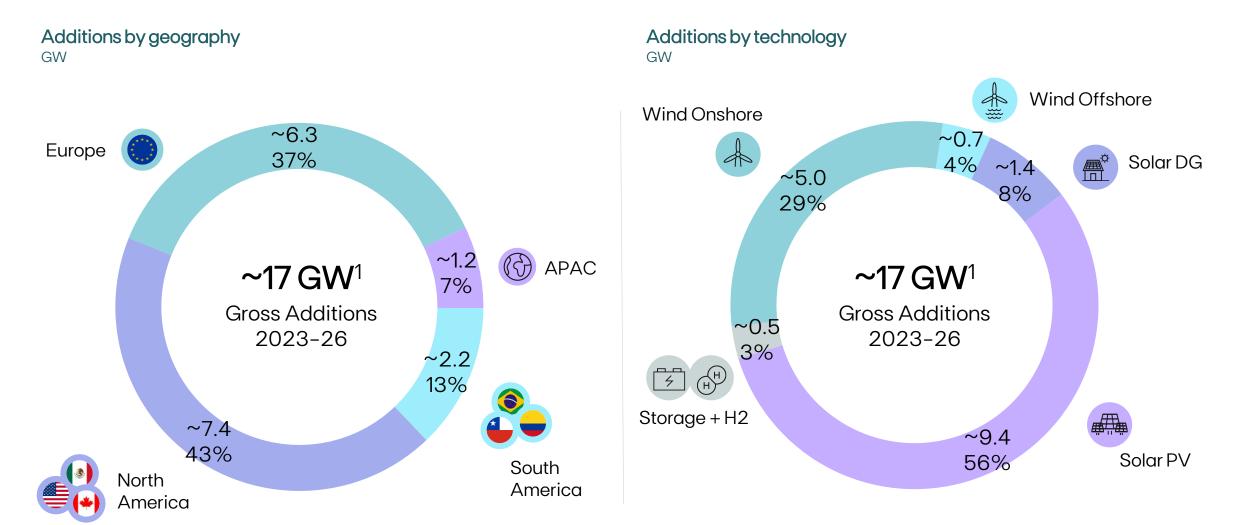
... with acceleration of **organic in-house** development...

... and capturing additional opportunities if market conditions improve

1. As of Dec-23, 4.4 GW Under Construction

... adding to our portfolio ~17 GW of renewable capacity in 2023–26, with geographical and technological diversification...





... while leveraging our superior assets and infrastructure as a competitive advantage for further increased renewables deployment



Hybridization

Leveraging existing grid connection capacity (like solar to wind, solar to hydro, wind to hydro)

107 MW in 6 wind & solar hybrid projects in operation in Europe, more precisely, in Poland, Portugal and Spain

1GW pipeline of hybridization projects **under development**

Repowering

Increasing installed capacity and park longevity

~70 MW in Europe (8 projects)

Example: Blue Canyon II Wind Farm increased installed capacity by ~10% and park's longevity extended ~30 years

Storage

+0.5 GW battery storage for 2023–26, mostly colocated

61% of 2023–26 plan target already secured

In 2023, 16 MW installed and 0.2 GW under construction in the US, as well as identified pipeline of projects in the UK

Exploring other markets, leveraging EDP's presence

Hydrogen

Allowing for RES deployment and building long-term optionality

1.5 GW gross installed capacity by 2030

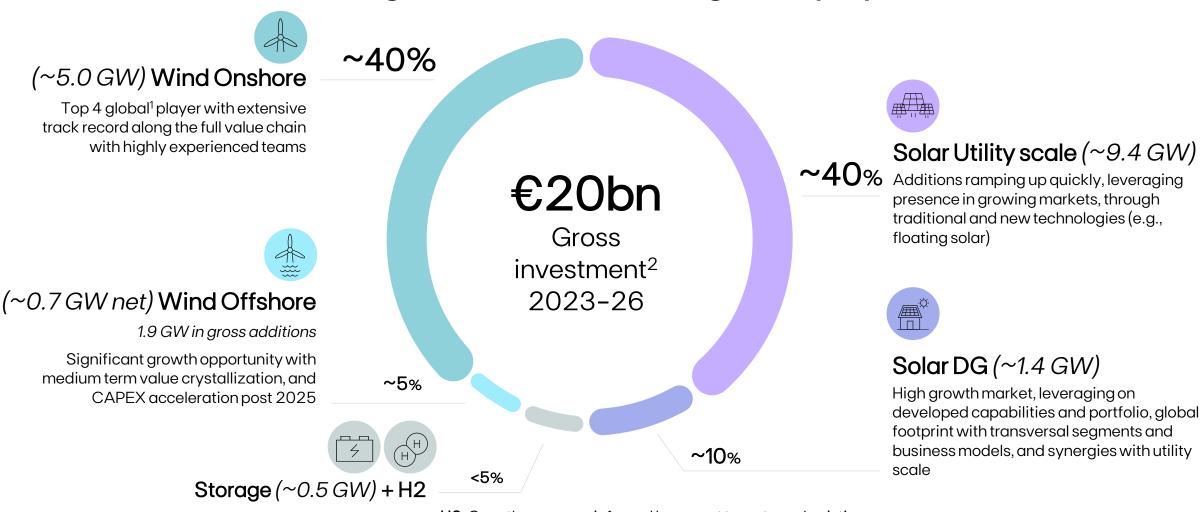
EDPR has > 0.5 GW of electrolysis capacity in advanced development

~€200m of public funding secured for projects in Iberia, from PT and ES PRR and European Commission



... backed by a solid investment plan that will consolidate our presence across our core technologies with differentiating value propositions





Storage: Market starting to materialize by 2025; target mainly co-located opportunities

H2: Growth avenue reinforced by recent targets and existing portfolio; equivalent to ~0.4 GW of gross additions in partnership structures (incl. JVs)

^{1.} Excluding China

^{2.} Including financial investments
Note: all figures in MWac

We will keep leveraging our distinctive Asset Rotation model...



Asset Rotation strategy allows for superior value creation...



AR proceeds and capital gains



Upfront value crystallization reinvested at >200bps spread

Growth acceleration with less capital

Reduction of merchant tail risk

NPV captured throughout life of the asset

Scale and synergies enhancement

Recurrent/low-risk annual CFs

... proven by a consistent track record

>€20bn

EV¹ rotated track record since 2012

~€1.7m/MW

Avg. EV/MW in 2021-23²

~40%

Avg. AR gains/invested capital in 2021–23

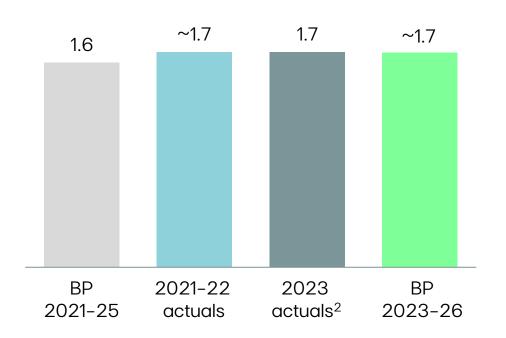
Proceeds re-invested in quality and value accretive projects, enhancing value creation at attractive multiples

... crystallizing value that will enable to further empower growth...

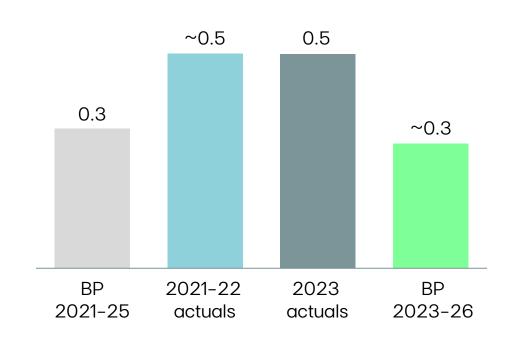


Leveraging our Asset Rotation strategy...

Asset Rotation proceeds¹ (€bn/yr)



... with prudent assumptions on capital gains Asset Rotation EBITDA gains (£bn/yr)

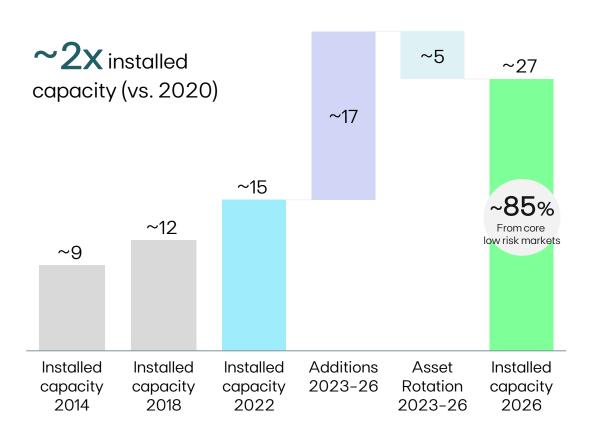


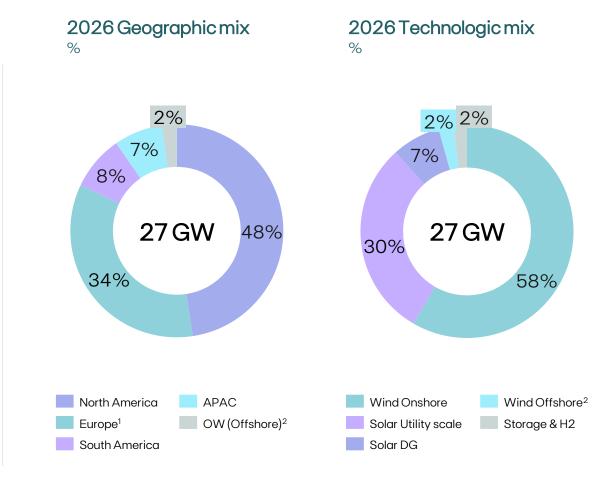
EDPR's contracted profile and diversified portfolio by country and technology provides strong continuous interest on Asset Rotation transactions

... consolidating even more our superior renewables portfolio



Evolution of installed capacity GW



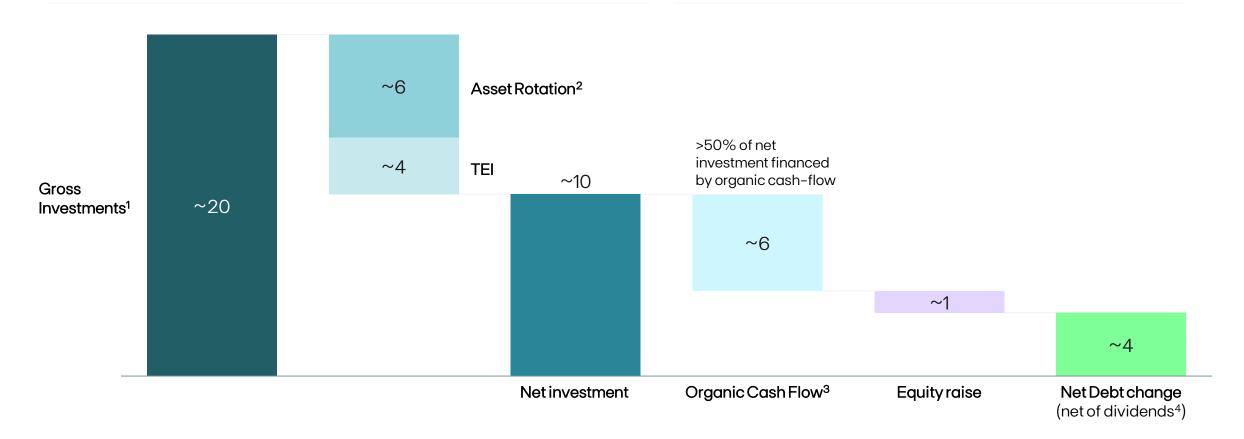


Diversified sources of cash to deliver on our growth



Net investment expansion 2023-26 €bn

Sources of cash 2023-26 €bn



^{1.} Includes financial investments

^{2.} Book Value including equity proceeds @stake sold minus capital gains (includes offshore), as well as debt and TEI deconsolidation

 $^{3. \} Organic \ CF = Operating \ CF \ excluding \ regulatory \ receivables, \ net \ of interests, \ maintenance \ capex, \ dividends \ paid \ to \ minorities \ and \ TEI \ payments, \ plus \ asset \ rotation \ gains \ and \ forex \ and \ other \ gains$

^{4.} Includes dividend cash out estimated of ~€0.1Bn (assumes EDP opts for shares and that free float opts 75/25 between shares and cash)

We manage the entire value chain to ensure the delivery of competitive and quality projects at the highest excellence standards



Development

- Local development knowledge and multi-partnership network
- Asset financing and tax equity structuring track record in the US
- Strong commercial capabilities and risk management (CPPA market, shaped PPAs at premium price)

Procurement and Construction

- Global scale for competitive procurement
- Partnering with local OEMs for flexibility
- E&C team with >15 GW built (past 15yr), and agile project management

Operations and Maintenance

- Strong O&M expertise and predictive maintenance maximizing asset value
- Global Energy and Risk Management strategies
- O&M focused on increasing availability and a leaner cost structure

>15 GW « ~5

Portfolio¹, growing to >25 GW by 2026

~50%

portfolio with in-house O&M

>20yr

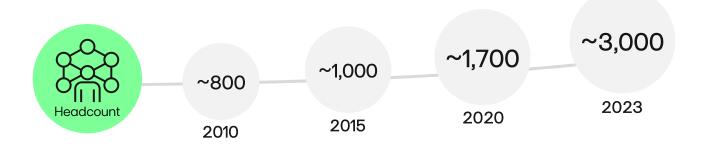
relationship with top Tier suppliers

~75% of the PPAs with C&I companies

Source: Wood Mackenzie (CAPEX)

Evolving as a global, agile and efficient organization





Talent strategy

Attraction

Bringing on-board the best talent

Boost employer branding strategy
Scale-up sourcing strategy
Broader and diverse talent pool

Experience

Nurturing an unrivaled workplace

Strong value proposition

Global strategy for well-being, flexibility and inclusion
Global compensation and benefits framework
Top talent retention and succession planning

Development

Preparing for the future, empowered

Global collaboration and mobility

Fostering leadership growth

Continued re/upskilling

Recognized as top employer across markets

























Working every day towards Net Zero, operating with the best ESG practices along the value chain...



2026 Targets

WE WILL

Decarbonize for a climate-positive world

~4 GW/year green energy

Ambition to Net Zero by 2040

WEARE

Empowering our communities for an active role in the transition

€16m

>2,000

in social investments

new hires

Protecting our planet contributing to its regeneration

100%

system

85%

Projects with Net Gain Biodiversity tracking waste recovery along the value chain

Engaging our partners for an impactful transformation

100%

suppliers compliant with ESG Due Diligence

90%

of purchases volume aligned with EDP's ESG goals

WEHAVE

A strong **ESG culture** protecting and empowering human life

Aim to Zero fatal accidents

31% of women in leadership positions

Remuneration linked to ESG

... to continue being an ESG leader recognized by top-tier institutions and aim to maintain a leadership position in ESG rating performance



Entity

EDP Renováveis Electric Utilities

Sustainability Yearbook Member

S&P Global Corporate Sustainability Assessment (CSA) Score 2023

Score data: February 7, 2004 statish 2014 st

Corporate ESG Performance



RATED BY

ISS ESG⊳



Prime

Rating

77/100

Sustainability Yearbook Member (Feb-24)



B+/A+

Industry Leader (Dec-23)



AA/AA

Industry Leader (Oct-23)

Entity



Rating

3.9/5

Percentile rank: 85 (Jun-23)



84/100

Utilities average score: 74 (Jan-23)

Through EDP

Dow Jones Sustainability Indices

Powered by the S&P Global CSA

88/100

#1electric utilities (Dec-23)



A list

on climate change (Feb-24)



One of the most

ethical companies in the world (Mar-24)



FY23 Results & Updates

2023 generation penalized by below average wind volumes in the US due to cyclical El Niño, with a gradual recovery expected over 2024

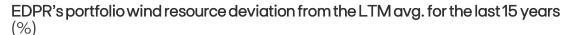


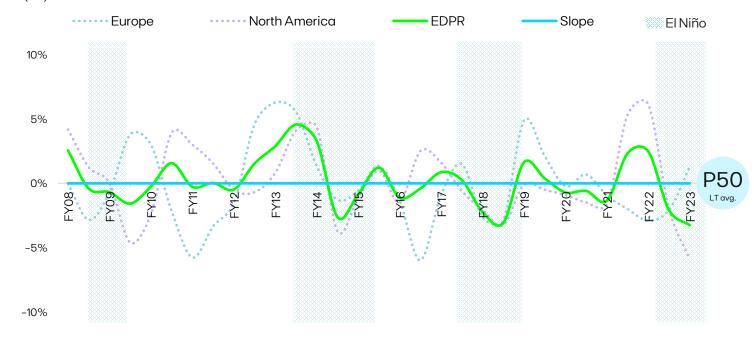
Below average wind resource in the US with a ~€0.2bn negative impact on EBITDA

EDPR North America renewable index deviation (%)



- Clear extraordinary impact in North America from Apr23 until Dec23 from El Niño weather event
- For 2024, based on analogue years, NA wind generation index is expected to progressively recover over the year to normalized levels





Historical data shows that the long-term average of renewable resource deviations is zero

2023 performance penalized by short-term headwinds, namely delays in Colombia and US, low wind resources and windfall energy taxes in Europe

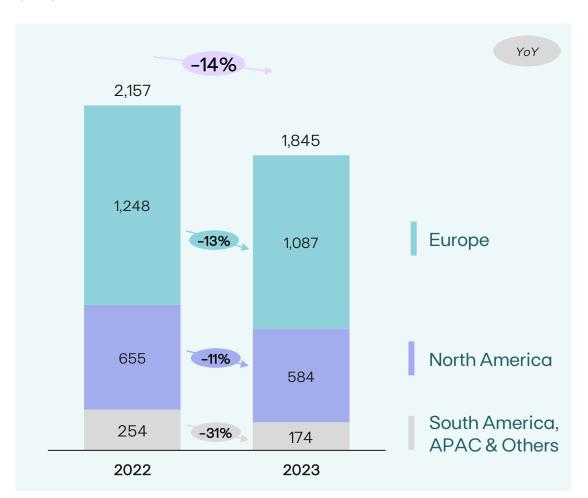


	2023	Recovery in 2024
Low wind resources	€178m less wind	 2023 generation penalized by El Niño weather event, namely in US El Niño continuing to impact early 2024, predicted revert throughout 2024
US solar projects delays on supply chain issues	€51m PPA cost	 No additional costs with PPA commitments expected in 2024 ~70% of equipment already delivered to our US solar projects 2024 installations Gradual ramp up over 2024 of US solar capacity additions and generation volumes
Clawback Taxes in Europe	€106m	 Poland: no clawback tax in 2024 Romania: still imply a non-cash impact from unwinding hedges Spain: reintroduction of 7% tax on generation revenues in 2024 (~€15m cost)
Colombia 0.5 GW wind projects delay	€179m impairment €53m PPA cost	 Non-cash impairment driven by Alpha & Beta projects delays PPA: Ongoing renegotiation with offtakers as well as arbitration Transmission line environmental permit expected in 2H24

Recurring EBITDA –14% YoY positively impacted by Asset Rotation Gains mitigating weak wind resources and lower electricity prices in Europe



Recurring EBITDA per region (€m)

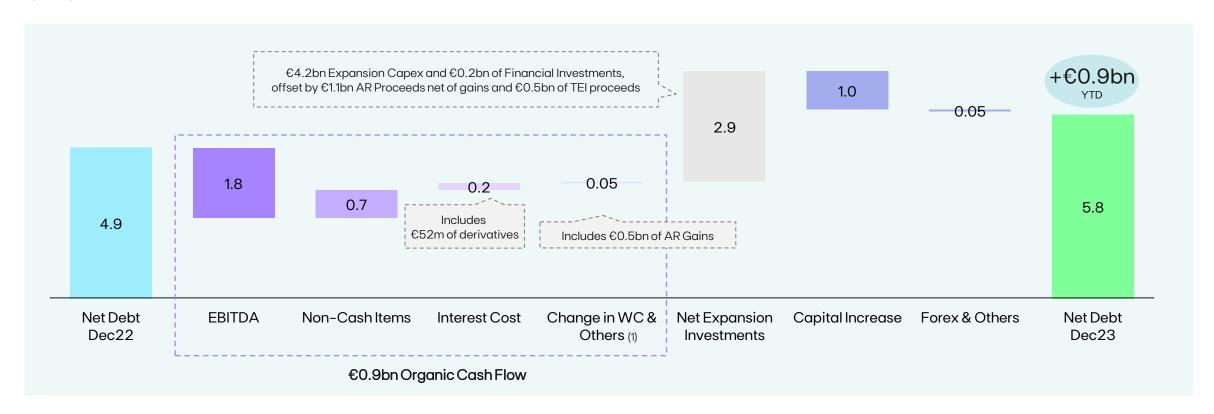


	2022	2023	YoY
Installed Capacity ⁽¹⁾ GW	14.7	16.6	+12%
Electricity Generation TWh	33.4	34.6	+4%
Europe TWh	11.8	11.6	-1%
North America TWh	18.4	17.3	-6%
Avg. Selling price €/MWh	64.7	61.1	-6%
Europe €/MWh	106.0	93.1	-12%
North America \$/MWh	42.6	46.2	+8%
Share of profits from associates €m	179	24 ⁽²⁾	_
Asset Rotation Gains €m	424	460	+8%

Net Expansion Investments of €2.9bn and €1bn equity raise result in +€0.9bn Net Debt; Organic CF driven by lower financials and minorities



Net Debt Evolution from Dec22 to Dec23 (€bn)

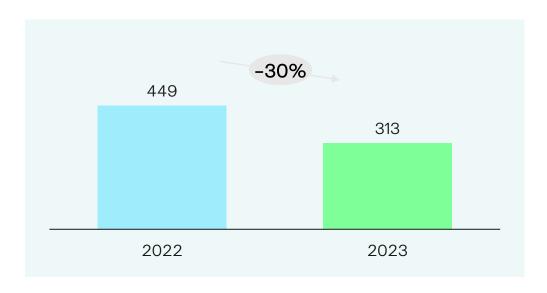


Gross Debt €7.2bn in 2023 (+€1bn YoY)

Financial Results decreasing YoY driven by \$/€ rebalancing strategy and efficient capitalizations despite higher gross debt



Financial Results (€m)

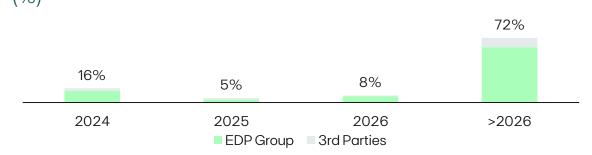


- Lower YoY impacted by \$/€ rebalancing along with reversion of the negative impact from forex & derivatives in 2022
- YoY variation also driven by higher capitalized financial expenses in line with project timings
- Avg. cost of debt driven by higher gross debt +€1bn YoY





Debt by maturity & counterparty (%)



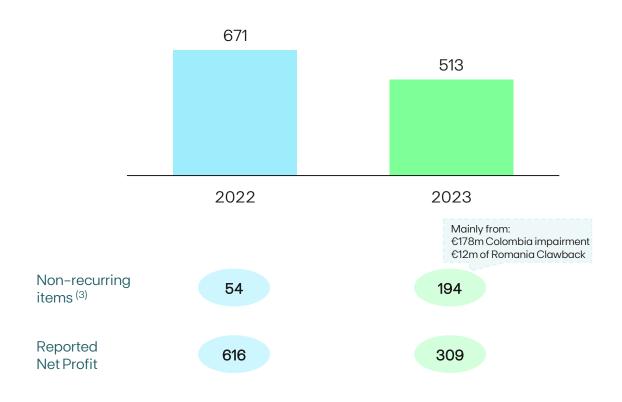
Net Profit of €513m impacted by top line headwinds, compensated with strong execution of Asset rotation transactions and improved financials



2023 Rec. EBITDA to Rec. Net Profit (€m)



Recurring Net Profit (€m)



The BoD will propose in the 2024 GSM to continue with the scrip dividend programme for shareholders corresponding to the year 2023, providing once again with a flexible remuneration system

2024 guidance update, continued focus on attractive returns

- 2024 on track to deliver ~4 GW, with 85% already under construction and 100% secured at attractive long-term prices providing great visibility and resilience to energy markets volatility
- 2024 started with a strong Balance Sheet position, following €1bn capital increase in 2023, €2.4bn of Asset rotation proceeds (executed & signed as of today), and €0.5bn of Tax Equity proceeds cashed in 2023. Continue to execute significant volumes of Asset rotation and Tax Equity in 2024
- 2024 updated guidance reflect the current scenario of capacity additions for 2023-24 (following 2023 delays in US & Colombia) along with current electricity forward prices in Europe, although with a much stronger underlying contribution

Updated 2024 Guidance:

Renewables Generation 40 TWh – 42 TWh Avg. Selling price €53 - €55 / MWh

Recurring EBITDA moderate YoY growth

Continuing to grow based on a well-known strict investment criteria, focused only on firm opportunities that accomplish our required returns. EDPR will remain selective for upcoming opportunities, prioritizing returns over volume



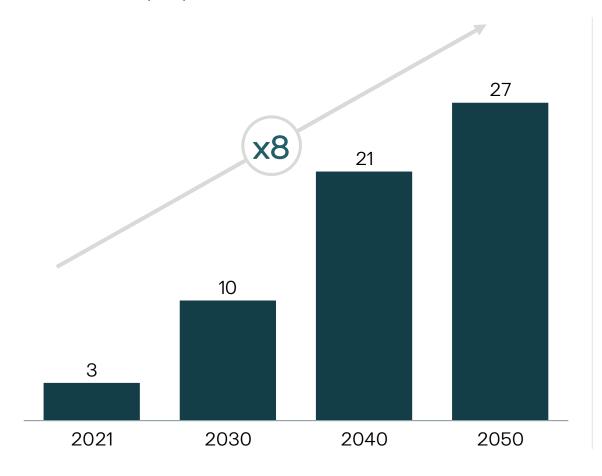
Appendix

Renewables will accelerate significantly and are by far the most competitive option



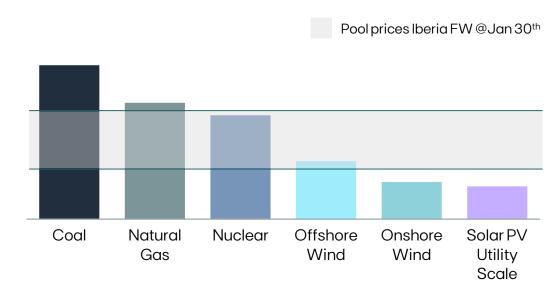
Renewables expected to grow significantly by 2050...

Total renewables capacity¹, Global, TW

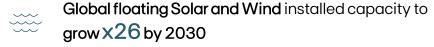


... driven by the most cost competitive solutions

Forecasted EU and US LCOE across technologies, 2030, \$/MWh



... and further enabled by new technologies



Hybridization of different RES generation assets, benefitting from same connection point

A way for a better tomorrow



All in all – our ESG commitments			2026	2030
Ambition	Goal	2023	target	ambition
Decarbonize: for a climate-positive world	Renewable capacity additions (GW/year)	2.5	4	-
Communities: Empowering our	Global investment in communities, cumulative ¹	€6.5m	€16m	€28m
Communities for an active role in the transition	New hires, number	639	>2,000	>4,000
	Training in upskilling program, % training ²	37%	45%	>45%
Planet: Protecting our planet contributing to	Total recovered waste ³ , % per year	72%	85%	>90%
its regeneration	Projects with Net Gain Biodiversity tracking system worldwide	22%	100%	100%
	Biodiversity Net Gain in new projects	-	-	100%
Partners: Engaging our Partners for an	Suppliers compliant with ESG Due Diligence ⁴ , %	42%	100%	100%
impactful transformation	Purchases volume aligned with EDP ESG goals ⁵ , %	>50%	90%	>90%
ESG Culture: A strong ESG culture	Fatal accidents, number	1	0	0
protecting and empowering human life	Women employees, %	34%	36%	40%
	Women employees in leadership, %	28%	31%	35%
	Employees received ESG training	60%	70%	>90%

^{1.} Accumulated OPEX 2021-2026. Includes voluntary & mandatory investment + management costs;

^{2.} Excludes transversal training;

^{3.} Includes construction, operational & dismantling phases;

^{4.} Purchases >25k€. In 2023, this indicator was improved. Prequalification assessment already considers IDD, Environment & H&S, as well as other risk mitigation stages: desk assessments/audits/inspections, during contract period. With this new approach, in 2023, 42% of critical suppliers are fully analysed with an ESG due diligence;

^{5.} The volume of purchases associated with critical suppliers whose decarbonization, environmental (biodiversity & circular economy), and human rights goals are consistent with EDPR's. In 2023, more than 50% of EDPR's purchasing volume is considered aligned with EDPR's ESG goals.

We are reinforcing our established portfolio, focusing on our core low risk markets



Target Additions 2023–26 breakdown

Capacity Additions, GW

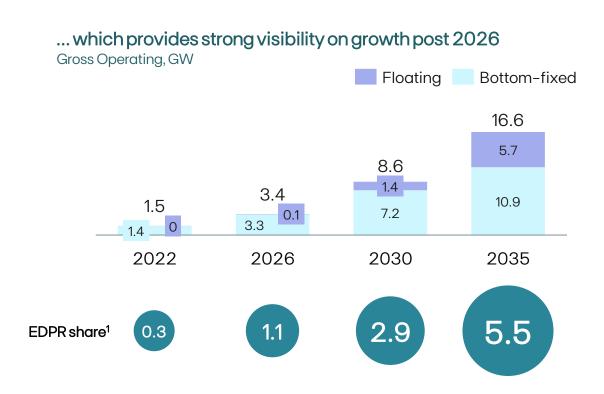
	Europe	North America	South America	APAC
	~1.5	~2.1	~1.3	~0.1
	~3.9	~4.1	~0.9	~0.5
	_	~0.7	_	~0.6
	~0.7	-	_	_
4 H	~0.1	~0.4	~(D.1



OW has been building a sizeable and attractive offshore portfolio, providing significant visibility on growth over the next 10–15 years







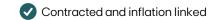
Competitive DevEx of <\$0.1m/MW for capacity with COD post 2026

Project level partnerships with top-tier strategic and financial investors to crystalize value, de-risk and fund growth

OW is a top 5 offshore player globally, with a diversified geographical mix in core low-risk markets



Strong portfolio of secured projects indexed to inflation
Offshore Wind, GW





41

	COD	Project	Technology	Contracted revenues and inflation linked	Gross Capacity	Net Capacity ¹
Installed	2020	WFA	Floating	•	0.03	0.01
	2021	SeaMade	Bottom-fixed	Ø	0.5	0.04
	2022	Moray East	Bottom-fixed	•	1.0	0.27
Under		() EFGL	Floating	•	0.03	0.01
	2025	Moray West	Bottom-fixed	Ø	0.9	0.42
cons. & dev.		Noirmoutier	Bottom-fixed	Ø	0.5	0.15
revenues secured	2026	Treport	Bottom-fixed	Ø	0.5	0.15
	2027	B&C Wind	Bottom-fixed	•	0.5	0.25
Under dev. rights secured		SouthCoast Wind	Bottom-fixed		2.4	0.60
		KF Wind	Floating		1.2	0.40
		Hanbando	Bottom-fixed		1.1	0.56
	>2030	Bluepoint	Bottom-fixed		1.7	0.43
		Golden State	Floating		2.0	0.50
		Caledonia	Bottom-fixed		2.0	1.00
		Arven	Floating		2.3	0.58
		Total			16.6	5.4

1. Considering EDPR's 50% stake in OW

Low risk profile supported by high weight of long-term contracted and hedged: ~90% for 2024, ~85% for 2025



Solid profile with generation at ~90% contracted and hedged for 2024 with hedging coverage at healthy prices. Integrated Energy Management inside EDP Group reducing risk

EDPR generation mix by contracted profile for 2024 and 2025 (% of TWh)

