



# ESG Report 1H24

Lisbon, July 30<sup>th</sup>

Aliança Transmission Line, Brazil

# ESG Performance at a glance

	INDICATOR	Unit	1H24	1H23	Δ %	Target 2026
 <p>Environment</p>	Renewables generation	%	98%	87%	+11p.p.	93% •
	Capex aligned with EU taxonomy	%	97.2%	97.0%	+0.2p.p.	>98%
	Scope 1 & 2 Emissions intensity	gCO <sub>2</sub> /kWh	19	84	-77%	36 •
	Total recovered waste materials <sup>1</sup>	%	93%	96%	-3p.p.	90% •
 <p>Social</p>	Female overall	%	29%	28%	+1p.p.	31%
	Global investment in communities <sup>2</sup>	€ m	103	69	34	~€200
	Accident Frequency Rate <sup>3</sup>	Fr	1.70	2.40	-29%	<= 1.42
 <p>Governance</p>	Female on Leadership	%	29%	29%	+0.2p.p.	31%
	ESG & equity linked compensation for Top Management <sup>4</sup>		√	√		√
	Cybersecurity	bitsight rating	800	790	+1%	>=740
	Top quartile in ESG rating Performance <sup>5</sup>		√	√		√

**Renewables represented 98% of electricity generated** by EDP in 1H24, which compares with 87% in the same period last year.

Gross investments, including consolidated capex and financial investments, amounted to €2.3 Bn in 1H24, of which 97% allocated to renewables and electricity networks activities. This concurred for the 97% **capex alignment with EU Taxonomy**.

**CO<sub>2</sub> emissions intensity** decreased 77% in 1H24 compared with 1H23 due to much lower thermal generation (sales of Pecém and Aboño), high hydropower generation and renewable generation reaching 98% of the total electricity generation.

**Accident frequency rate** decreased to 1.70 in 1H24 due to 26% reduction in accidents with lost workdays. EDP continues determined to strengthen the culture of Occupational Health and Safety, having started in 2021 a program, "Playitsafe", to raise awareness of the importance of building and adopting safe habits at EDP.

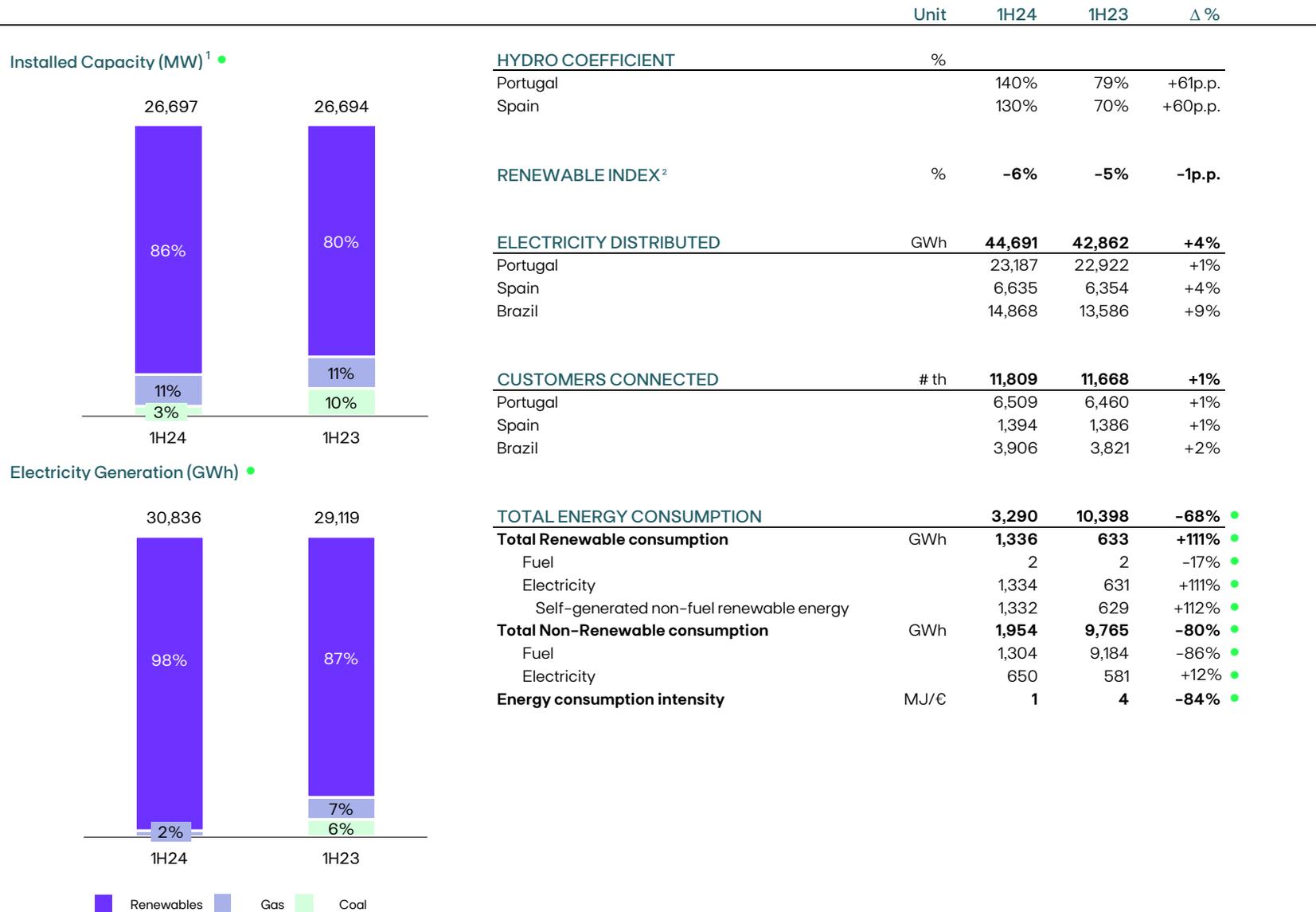
• Sustainable Finance Disclosure Regulation (SFDR) Indicator

1. Actuals include the operational phase. Targets include construction, operational and dismantling phases and considers the change in EDP's technology mix.

2. Accumulated OPEX starting 2021. Includes voluntary & mandatory investment + management costs.

3. Number of accidents at work with absence/fatalities, per million hours worked (including employees and contractors); 4. Applicable to Executive Board of Directors and top management; 5. Includes S&P CSA, FTSE4Good, MSCI and Sustainalytics.

# Operational highlights committed to a renewables path



<sup>1</sup> Sustainable Finance Disclosure Regulation (SFDR) Indicator

<sup>2</sup> EBITDA MW; <sup>3</sup> Brazil hydro coefficient refers to ENA index; 3. Renewables Index (vs. LT avg. Gross Capacity Factor).

# New services highlights committed to drive new client solutions and smarter networks

	Unit	1H24	1H23	Δ %
<b>ENERGY EFFICIENCY</b>				
Energy Services Revenues / Turnover <sup>1</sup>	%	12.9%	12.9%	-
Energy Efficiency Services Revenues	€ m	372	245	+52%
<b>DISTRIBUTED SOLAR</b>				
<b>As a Service - Installed Capacity <sup>2</sup></b>	MWac	<b>1,317</b>	<b>902</b>	<b>+46%</b>
Portugal	MWac	205	131	+57%
Spain	MWac	30	17	+74%
Brazil	MWac	185	63	+192%
US	MWac	303	242	+25%
APAC	MWac	555	428	+30%
Other	MWac	40	21	+90%
<b>Additions Ytd <sup>3</sup></b>	MWac	<b>240</b>	<b>290</b>	<b>-17%</b>
<b>E-MOBILITY</b>				
Light fleet electrification	%	31%	26%	+5p.p.
Electric charging points <sup>4</sup>	#	10,976	6,440	+70%
Clients with electric mobility solutions	#	128,444	88,396	+45%
<b>SMART METERS</b>				
Iberia	# m	7.5	6.5	+16%
Brazil	# m	0.6	0.5	+18%
<b>ELECTRICITY GRID LOSSES</b>				
Portugal	%	7.8%	7.7%	+0.1p.p.
Spain	%	5.1%	5.0%	+0.1p.p.
Brazil				
São Paulo	%	7.1%	7.8%	-0.6p.p.
Espírito Santo	%	11.9%	11.5%	+0.3p.p.
<b>CUSTOMERS WITH SUSTAINABLE SERVICES <sup>5</sup></b>	%	<b>51%</b>	<b>42%</b>	<b>+9.1p.p.</b>
<b>CO<sub>2</sub> SAVINGS DOWNSTREAM <sup>6</sup></b>	ktCO <sub>2</sub>	<b>12,967</b>	<b>11,901</b>	<b>+9%</b>

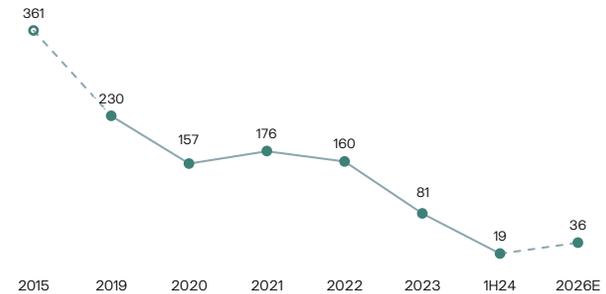


1. Energy service: Services provided under energy supply, installation of more efficient and/or building retrofit, and sustainable mobility, which generate revenues for the company; 2. As a service capacity installed at EDP, including inorganic capacity; 3. Including As-a-Service and Transactional Installations; 4. Includes public, private and charging points inside EDP facilities installed; 5. Sustainability Services concept aligned with EU taxonomy. Excludes Health Insurance, Fatura Segura and Gas Certification. Includes only B2C electricity clients; 6. CO<sub>2</sub> avoided by carrying out efficiency improvement measures that lead to a reduction in customer consumption, as well as measures to replace energy sources with other less CO<sub>2</sub>-emitting ones, namely replacing fossil fuels with renewable energy sources or sustainable mobility - annual value.

# Environmental highlights committed to a carbon-free economy

	Unit	1H24	1H23	Δ %	
<b>GREENHOUSE GAS EMISSIONS</b>					
Scope 1 & 2 Emissions Intensity	gCO <sub>2</sub> /kWh	19	84	-77%	●
Scope 1 & 2 Emissions Intensity (% vs 2020)	%	-49	-47	-2p.p.	●
Scope 1 GHG Emissions	ktCO <sub>2</sub> eq	372	2,223	-83%	●
Scope 2 GHG Emissions <sup>1</sup>	ktCO <sub>2</sub> eq	222	223	-0.4%	●
Scope 3 GHG Emissions <sup>2</sup>	ktCO <sub>2</sub> eq	8,063	9,279	-13%	●
Avoided emissions	ktCO <sub>2</sub>	15,844	12,407	+28%	
<b>AIR QUALITY</b>					
NOx emissions	kt	0.12	1.19	-90%	●
SO <sub>2</sub> emissions	kt	0.02	0.55	-96%	●
Particulate matter emissions	kt	0.002	0.054	-97%	●
<b>WATER MANAGEMENT</b>					
Total freshwater withdrawn	10 <sup>3</sup> m <sup>3</sup>	1,124	2,628	-57%	
Total freshwater consumed	10 <sup>3</sup> m <sup>3</sup>	758	1,819	-58%	
Total water discharge	10 <sup>3</sup> m <sup>3</sup>	28,296	293,193	-90%	●
<b>WASTE MANAGEMENT</b>					
Total waste materials	t	24,559	124,441	-80%	
Total waste	t	24,559	109,693	-78%	
Total recovered waste materials	%	93%	96%	-3p.p.	●
Hazardous waste	t	2,510	3,756	-33%	●
<b>ENVIRONMENTAL MATTERS</b>					
Environmental CAPEX	€ m	40.4	56.1	-28%	
Environmental Expenses <sup>3</sup>	€ m	49.3	276.3	-82%	
Environmental Fines and Penalties	€ th	0.0	1.1	-100%	
ISO 14001 Certification	%	88%	95%	-7p.p.	
<b>LOW CARBON ECONOMY</b>					
EBITDA in Renewables	%	58%	31%	+27p.p.	
CAPEX in Renewables	%	73%	79%	-5p.p.	
Revenues from coal	%	0.1%	4.5%	-4.3p.p.	●
Revenues aligned with EU taxonomy	%	52%	73%	-21p.p.	
CO <sub>2</sub> / Revenues <sup>4</sup>	tCO <sub>2</sub> eq/€ m	0.08	0.30	-72%	●

Scope 1 & 2 Emissions Intensity



-77% (vs. 2020) Scope 1 & 2 Emissions Intensity in 2026



> 90% Total recovered waste in 2026



>98% CAPEX aligned with EU taxonomy in 2026

● Sustainable Finance Disclosure Regulation (SFDR) indicator

1. Scope 2 emissions according with GHG Protocol based location methodology; 2. Annual Indicator; 3. Includes CO<sub>2</sub> allowances; 4. Defined as the company's annual GHG emissions (Scope 1 and Scope 2), expressed as metric tons of carbon dioxide equivalent (tCO<sub>2</sub>eq) emissions, divided by revenues for the corresponding year, expressed in millions of euros.

# Social highlights committed to provide a fair and safe workplace

	Unit	1H24	1H23	Δ %	
<b>EMPLOYMENT</b>					
Employees	#	12,857	13,325	-4%	
Female employees	%	29%	28%	+1p.p.	
Female/Male fixed salary	x	0.89	1.02	-	●
Employee Engagement <sup>1</sup>	%	80%	84%	-4p.p.	
Employee Empowerment <sup>2</sup>	%	75%	72%	+3p.p.	
Employee Turnover	%	5.4%	5.5%	-0.1p.p.	●
Absenteeism	%	6.2%	4.3%	+1.9p.p.	
New Hires	#	512	910	-44%	
Employees with disabilities	%	1.4%	1.6%	-0.1p.p.	
<b>TRAINING</b>					
Total hours of training	h	106,444	131,712	-19%	
Employees with training	%	80%	93%	-14p.p.	
Direct training investment	€ th	3,015	2,684	+12%	
<b>HEALTH AND SAFETY</b>					
Accidents with lost workdays EDP <sup>3</sup>	#	14	22	-36%	
Accidents with lost workdays contractors <sup>3</sup>	#	55	72	-24%	
Fatal work-related injuries EDP	#	0	0	-	
Fatal work-related injuries contractors	#	4	1	-	
Frequency rate EDP	Fr	1.15	1.64	-30%	
Frequency rate contractors	Fr	1.93	2.78	-31%	
Total recordable injury rate	RFr	2.59	3.61	-28%	●
Total recordable injury rate EDP	RFr	2.21	2.39	-8%	●
Total recordable injury rate contractors	RFr	2.74	4.22	-35%	●
<b>SOCIAL INVESTMENT</b>					
Beneficiary Entities	#	302	202	+50%	
EDP volunteers	#	1,798	1,552	+16%	
EDP time used in volunteering	h	6,066	10,913	-44%	
Total Investment	€ th	14,675	11,764	+25%	



35% female employees by 2026



Accident frequency rate <= 1,42 by 2026



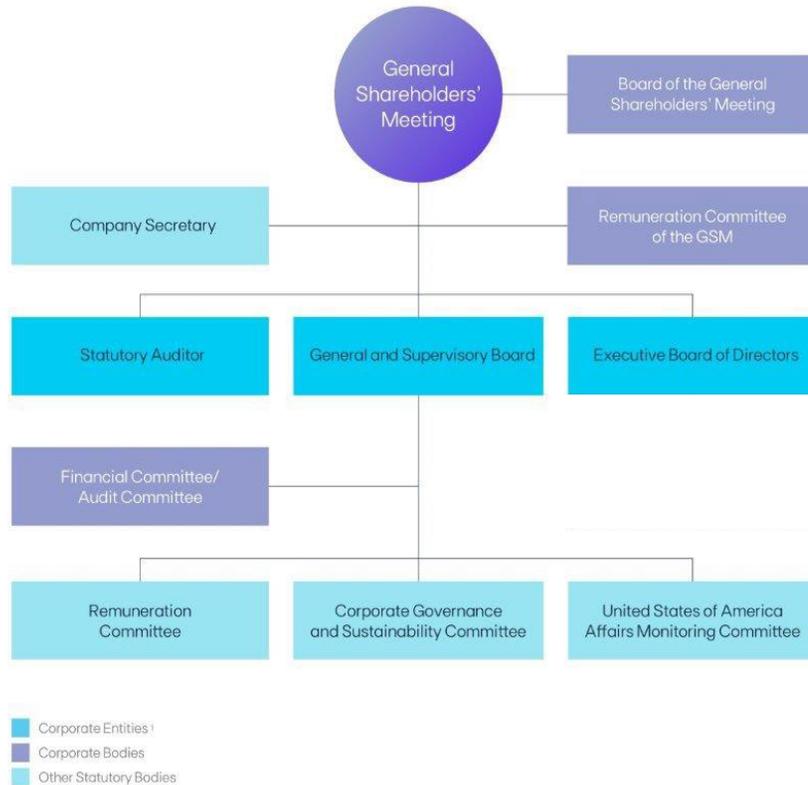
Social investment ~€200M until 2026

● Sustainable Finance Disclosure Regulation (SFDR) Indicator

1. Engagement - reflects the involvement and commitment by employees. 2. Empowerment - reflects the perception of organizational support by employees. 3. Accidents occurred at the working place and time or on a journey, with 1 or more days of absence and fatal accidents.

# Governance highlights committed to the best practices

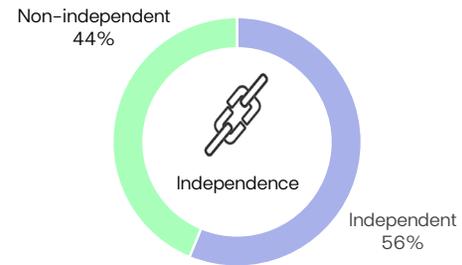
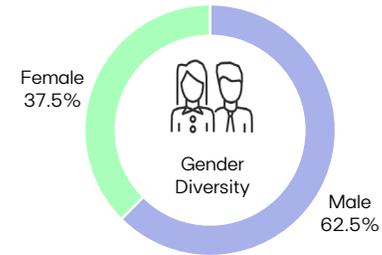
On the 10<sup>th</sup> April 2024, at the General Shareholders' Meeting, EDP shareholders elected the General and Supervisory Board, the Executive Board of Directors, the Statutory Auditor, the Board of the General Shareholders' Meeting, and the Remuneration Committee of the General Shareholders' Meeting.



<sup>1</sup> Corporate Entities are also Corporate Bodies, pursuing the article 8(4) of EDP's Articles of Association.

 Extract of Minutes of the 2024 General Shareholders' Meeting

## General and Supervisory Board



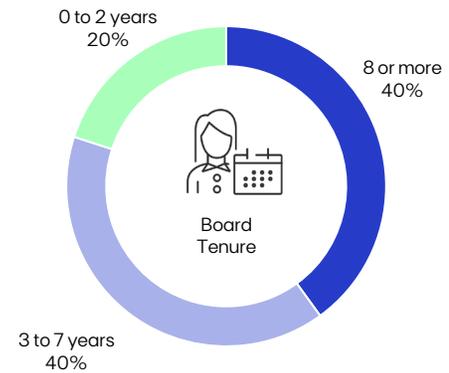
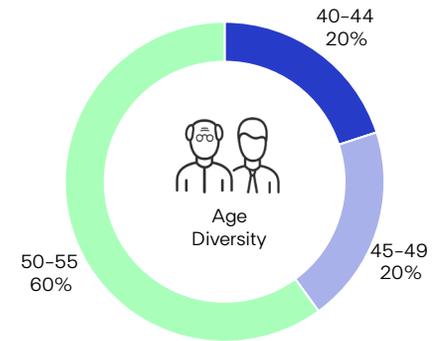
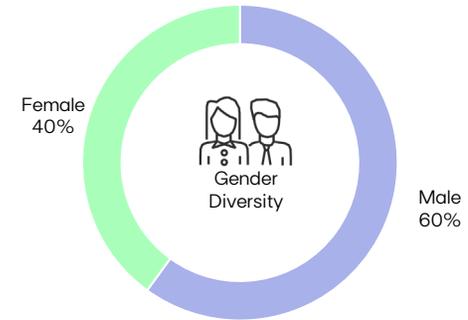
Independent, diverse and experienced General Supervisory Board with a strengthened cohesion between the GSB and the Chair

 MEMBERS OF THE GSB

 ANNUAL REPORT OF THE GSB

# Governance highlights committed to the best practices

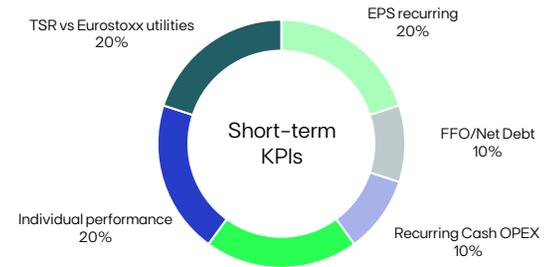
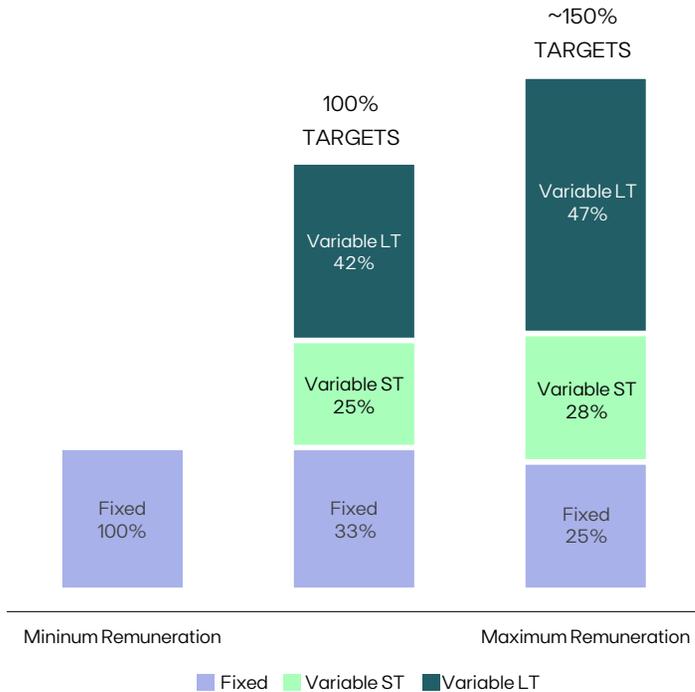
Executive Board of Directors



# Governance highlights overview of the remuneration policy

New Remuneration Policy 2024 – 2026 aligned with Best Practices

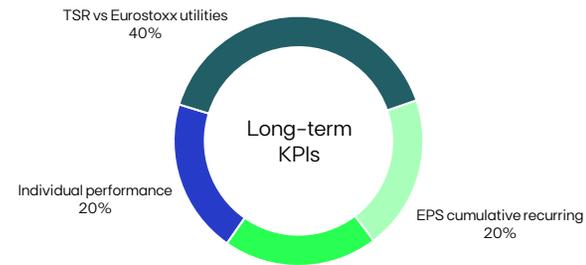
Proposed by the Remuneration Committee of the General and Supervisory Board and approved on the General Shareholders Meeting on the 10<sup>th</sup> April



DJSI Results  
Performance in employees' yearly climate study  
Performance in customer satisfaction index

ESG Indicators 20%

Comparison with Budget  
Max. Limit vs fixed remuneration:  
110% for CEO; 80% for other directors  
>85% of the targets need to be accomplished



Increase of share of renewable energy production  
Emissions reduction  
Bloomberg Gender Diversity Performance

ESG Indicators 20%

Comparison with Business Plan  
Max. Limit vs fixed remuneration:  
185% for CEO; 145% for other directors  
>85% of the targets need to be accomplished  
Performance measured during 3 year period



# Digitalization & innovation highlights committed to drive transformation

			Unit	1H24	1H23	Δ %
<b>DIGITALIZATION</b>						
Global	Global	Cybersecurity	bitsight rating	800	790	1%
Digital Business	Customer	Customer self-care interactions <sup>2</sup>	%	85%	80%	+5p.p.
	Assets & Operations	Electronic Invoices <sup>2</sup>	%	47%	44%	+3p.p.
		Predictive Maintenance <sup>2,3</sup>	%	77%	69%	+8p.p.
Digital	Data & Technology	Eligible apps in cloud <sup>2</sup>	%	77%	65%	+12p.p.
	People & Organization	People with digital training <sup>2</sup>	%	85%	79%	+6p.p.
		People in collaborative Initiatives <sup>2</sup>	%	39%	40%	-1p.p.
<b>INNOVATION</b>						
Innovation Team	Total investment (TOTEX)		€ m	72	67	+7%
	Employees <sup>4</sup>		#FTE	428	459	-7%
Investment Portfolio	Ongoing investments VC		#	43	41	+5%
	VC investment		€ m	2.9	7.1	-59%
	VC investment cumulative <sup>5</sup> crucial role		€ m	50.8	40.1	+27%



(C) WindPlus

EDP plays a crucial role in the WinDTwin project, which will develop a digital twin platform, able to provide precise power production and energy demand forecasts and serve as a comprehensive resource hub. It will support decision-makers with high-quality models, scenarios, and visualizations, enabling better management of offshore wind energy. EDP's main role, as a wind farm owner through the joint-venture with ENGIE, Ocean Winds, will be to validate the tool with real-life data and bring the perspective of the industry to a highly proficient technical consortium.

1. Annual values, cumulative since 2021; 2. Changes in scope of reporting limits comparability; 3. Generation (PT & SP), EDPR & EDP Brasil; 4. Only including extended scope of EDP Brasil employees since 1H22. 5. Net of divestments.

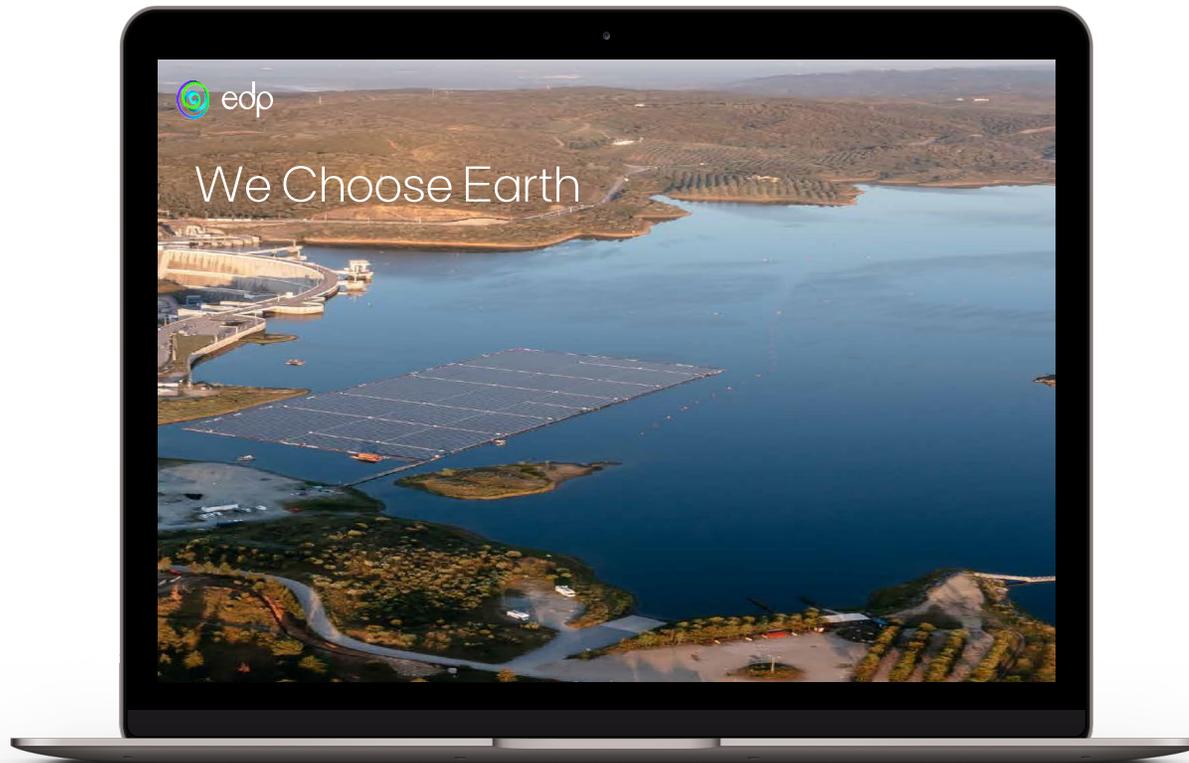
# ESG ratings committed to excellence

RATER	RANGE	SCORE	RANKING	LAST ASSESSMENT
 <p>Member of <b>Dow Jones Sustainability Indices</b> Powered by the S&amp;P Global CSA</p>	0-100	88	1 <sup>st</sup>	Nov-23
 	10-1	E&S:1	n.a.	Mar-24
	100-0	18.2	n.a.	Jun-24
 <p><b>MSCI</b> ESG RATINGS AAA</p>	CCC-AAA	AAA	Top 10%	Apr-24
	D--A	A	n.a.	Jan-24

1. The comparable peers exclude companies that manage transmission grids, only includes the ones that handle throughout the electricity value chain and electricity/gas supply. 2. The ESG Risk Rating measures a company's exposure to industry-specific material ESG risks and how well a company is managing those risks (opposed to a score). This rating distinguishes five levels ranging from 100 (Severe) to 0 (Negligible). EDP is considered to have a low level of risk.

  
For more information on EDP's sustainability performance please visit our website

  
For more information on indicators please visit our online glossary



For further information please visit our [Transparency and Reporting page](#), our [Integrated Annual Report 2023](#) and our [Results and Reports page](#)