



ESG Report 1Q24

Lisbon, May 9th

Castelo do Bode Dam, Portugal

ESG Performance at a glance

	INDICATOR	Unit	1Q24	1Q23	Δ %	Target 2026	Target 2030
 <p>Environment</p>	Renewables generation	%	97%	88%	+10p.p.	93%	100% ●
	Capex aligned with EU taxonomy	%	98%	97%	+0.1p.p.	>98%	100%
	Scope 1 & 2 Emissions intensity	gCO ₂ /kWh	20	78	-74%	36	8 ●
	Total recovered waste materials ¹	%	94%	87%	+7p.p.	90%	>90% ●
 <p>Social</p>	Female overall	%	29%	28%	+1p.p.	31%	35%
	Global investment in communities ²	€ m	93	57	+62%	~€200	>€300
	Accident Frequency Rate ³	Fr	1.73	2.66	-35%	1.42	<1
 <p>Governance</p>	Female on Leadership	%	29%	29%	+0.2p.p.	31%	35%
	ESG & equity linked compensation for Top Management ⁴		√	√		√	√
	Cybersecurity	bitsight rating	800	810	-1%	Keep advanced ⁵	
	Top quartile in ESG rating Performance ⁶		√	√		√	√

Renewables represented 97% of electricity generated by EDP in 1Q24, which compares with 88% in the same period last year.

Gross investments, including consolidated capex and financial investments, amounted to €1.1Bn in 1Q24, of which 97% allocated to renewables and electricity networks activities. This concurred for the 98% **capex alignment with EU Taxonomy**.

CO₂ emissions intensity decreased 74% in 1Q24 compared with 1Q23 due to much lower thermal generation (sales of Pecém and Aboño), high hydropower generation and renewable generation reaching 97% of the total electricity generation.

Accident frequency rate decreased to 1.73 in 1Q24 due to -35% YoY of 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

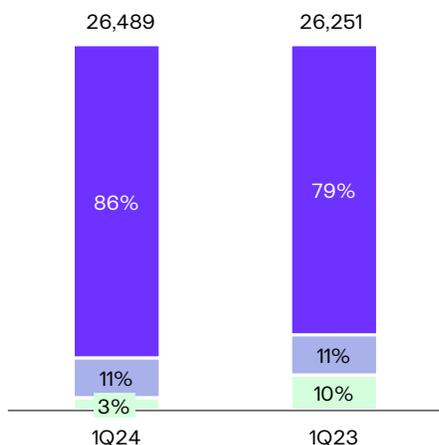
1. Actuals include the operational phase. Targets include construction, operational and dismantling phases and considers the change in EDP's technology mix.

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

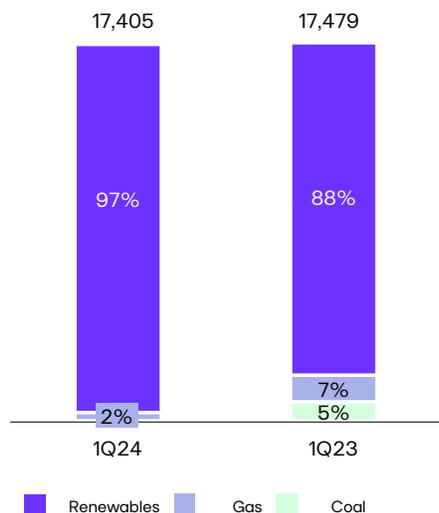
3. Number of accidents at work with absence/fatalities, per million hours worked (including employees and contractors); 4. Applicable to Board of Directors and top management; 5. >= 740; 6. Includes S&P CSA, FTSE4Good, MSCI and Sustainalytics.

Operational highlights committed to a renewables path

Installed Capacity (MW) ¹ ●



Electricity Generation (GWh) ●



Renewables Gas Coal

● Sustainable Finance Disclosure Regulation (SFDR) Indicator

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

	Unit	1Q24	1Q23	Δ %
HYDRO COEFFICIENT				
	%			
Portugal		138%	95%	+43p.p.
Spain		140%	100%	+40p.p.
Brazil ²		66%	105%	-39p.p.
RENEWABLE INDEX ³				
	%	-6%	-2%	-4p.p.
ELECTRICITY DISTRIBUTED				
	GWh	22,930	22,301	+3%
Portugal		12,285	12,179	+1%
Spain		3,337	3,255	+2%
Brazil		7,308	6,866	+6%
CUSTOMERS CONNECTED				
	# th	11,772	11,634	+1%
Portugal		6,491	6,439	+1%
Spain		1,392	1,384	+1%
Brazil		3,889	3,811	+2%
TOTAL ENERGY CONSUMPTION				
		1,836	5,902	-69% ●
Total Renewable consumption				
	GWh	85	84	+1% ●
Fuel		4	5	-18%
Electricity		81	79	+2%
Self-generated non-fuel renewable energy		78	75	+4%
Total Non-Renewable consumption				
	GWh	1,751	5,818	-70% ●
Fuel		1,101	5,168	-79%
Electricity		650	650	-
Energy consumption intensity				
	MJ/€	1	4	-75% ●

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

	Unit	1Q24	1Q23	Δ %
ENERGY EFFICIENCY				
Energy Services Revenues / Turnover ¹	%	12.0%	8.3%	+4p.p.
Energy Efficiency Services Revenues	€ m	221	121	+83%
DISTRIBUTED SOLAR				
As a Service - Installed Capacity ²	MWac	1,280	752	+70%
Portugal	MWac	207	113	+82%
Spain	MWac	24	12	+98%
Brazil	MWac	170	59	+190%
US	MWac	302	185	+63%
APAC	MWac	535	364	+47%
Other	MWac	43	19	+124%
Additions Ytd ³	MWac	164	339	-52%
E-MOBILITY				
Light fleet electrification	%	30%	15%	+16p.p.
Electric charging points ⁴	#	9,883	6,154	+61%
Clients with electric mobility solutions	#	116,750	84,167	+39%
SMART METERS				
Iberia	# m	7.3	6.2	+17%
Brazil	# m	0.5	0.5	-
ELECTRICITY GRID LOSSES				
Portugal	%	7.9%	8.4%	-0.4p.p.
Spain	%	5.9%	5.8%	+0.1p.p.
Brazil				
São Paulo	%	7.2%	8.7%	-1.5p.p.
Espírito Santo	%	12.1%	13.9%	-1.8p.p.
CUSTOMERS WITH SUSTAINABLE SERVICES ⁵	%	48%	39%	+8p.p.
CO₂ SAVINGS DOWNSTREAM ⁶	ktCO ₂	12,967	11,901	+9%

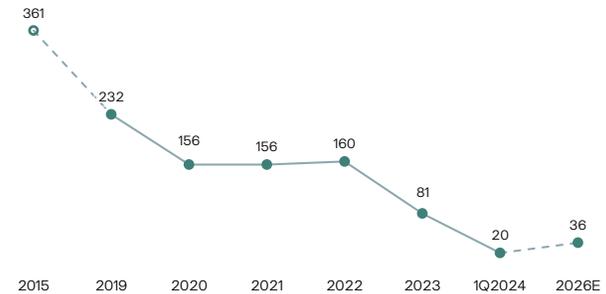


1. Energy service: Services provided under energy supply, installation of more efficient and/or building retrofit, and sustainable mobility, which generate revenues for the company; 2. As a service capacity installed at EDP, including inorganic capacity; 3. Including As-a-Service and Transactional Installations; 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. CO₂ 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 CO₂-emitting ones, namely replacing fossil fuels with renewable energy sources or sustainable mobility - annual value.

Environmental highlights committed to a carbon-free economy

	Unit	1Q24	1Q23	Δ %	
GREENHOUSE GAS EMISSIONS					
Scope 1 & 2 Emissions Intensity	gCO ₂ /kWh	20	78	-74%	●
Scope 1 & 2 Emissions Intensity (% vs 2020)	%	-49	+3	-52p.p.	●
Scope 1 GHG Emissions	ktCO ₂ eq	252	1,236	-80%	●
Scope 2 GHG Emissions ¹	ktCO ₂ eq	102	125	-19%	●
Scope 3 GHG Emissions ²	ktCO ₂ eq	8,063	9,279	-13%	●
Avoided emissions	ktCO ₂	9,019	7,358	+23%	
AIR QUALITY					
NOx emissions	kt	0.08	0.67	-88%	●
SO ₂ emissions	kt	0.02	0.27	-92%	●
Particulate matter emissions	kt	0.002	0.024	-94%	●
WATER MANAGEMENT					
Total freshwater withdrawn	10 ³ m ³	637	1,194	-47%	
Total freshwater consumed	10 ³ m ³	467	1,138	-59%	
Total water discharge	10 ³ m ³	26,912	137,999	-80%	●
WASTE MANAGEMENT					
Total waste materials	t	12,699	67,369	-81%	
Total waste	t	12,699	60,304	-79%	
Total recovered waste materials	%	94%	87%	+7p.p.	●
Hazardous waste	t	953	3,190	-70%	●
ENVIRONMENTAL MATTERS					
Environmental CAPEX	€ m	43.6	28.2	+55%	
Environmental Expenses ³	€ m	27.8	113.3	-75%	
Environmental Fines and Penalties	€ th	0.0	0.1	-100%	
ISO 14001 Certification	%	89%	96%	-7p.p.	
LOW CARBON ECONOMY					
EBITDA in Renewables	%	58%	57%	+1p.p.	
CAPEX in Renewables	%	76%	78%	-2p.p.	
Revenues from coal	%	0.1%	4.7%	-4.6p.p.	●
Revenues aligned with EU taxonomy	%	47%	67%	-20p.p.	
CO ₂ / Revenues ⁴	tCO ₂ eq/€ m	0.09	0.30	-69%	●

Scope 1 & 2 Emissions Intensity



-95% (vs. 2020) Scope 1 & 2 Emissions Intensity in 2030



> 90% Total recovered waste in 2030

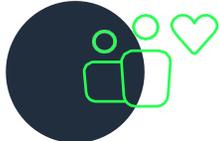


100% CAPEX aligned with EU taxonomy in 2030

● Sustainable Finance Disclosure Regulation (SFDR) indicator

1. Scope 2 emissions according with GHG Protocol based location methodology; 2. Annual Indicator; 3. Includes CO₂ allowances; 4. Defined as the company's annual GHG emissions (Scope 1 and Scope 2), expressed as metric tons of carbon dioxide equivalent (tCO₂eq) emissions, divided by revenues for the corresponding year, expressed in millions of euros.

Social highlights committed to provide a fair and safe workplace

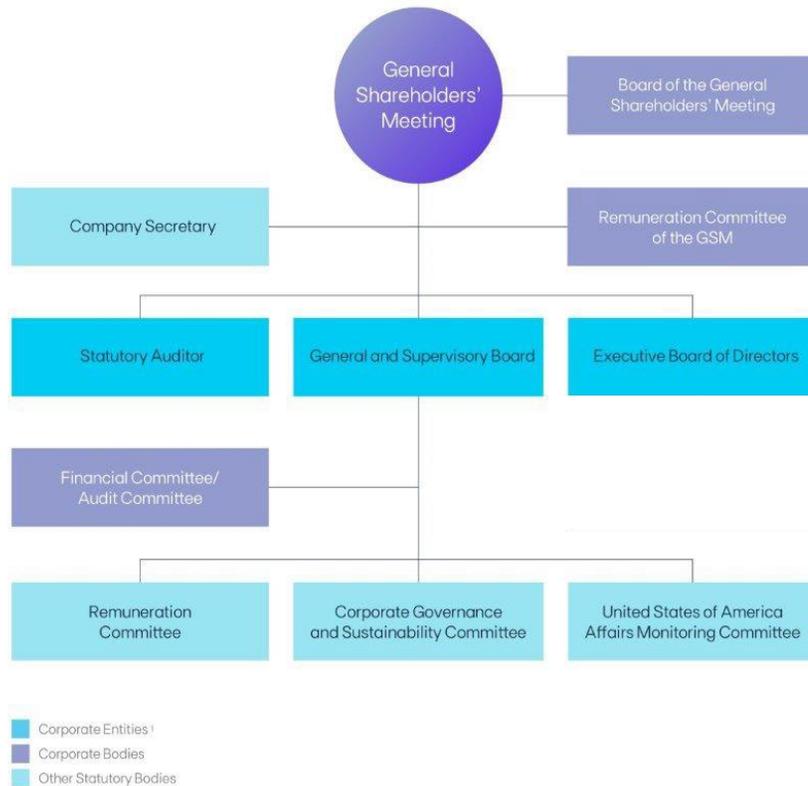
	Unit	1Q24	1Q23	Δ %		
EMPLOYMENT						
Employees	#	12,925	13,252	-2%	 <p>35% female employees by 2030</p>	
Female employees	%	29%	28%	+1p.p.		
Female/Male fixed salary	x	1.05	1.05	-		
Employee Engagement ¹	%	80%	84%	-4p.p.		
Employee Empowerment ²	%	75%	72%	+3p.p.		
Employee Turnover	%	3.0%	2.9%	+0.1p.p.		
Absenteeism	%	3.3%	4.7%	-1.3p.p.		
New Hires	#	270	425	-36%		 <p>> 6 500 new hires by 2030</p>
Employees with disabilities	%	1.5%	1.5%	-		
TRAINING						
Total hours of training	h	47,171	42,300	+12%		
Employees with training	%	57%	51%	+6p.p.		
Direct training investment	€ th	1,054	521	+102%		
HEALTH AND SAFETY						
Accidents with lost workdays EDP ³	#	7	11	-36%	 <p>Accident frequency rate <1 by 2030</p>	
Accidents with lost workdays contractors ³	#	25	38	-34%		
Fatal work-related injuries EDP	#	0	0	-		
Fatal work-related injuries contractors	#	1	1	-		
Frequency rate EDP	Fr	1.14	1.71	-33%		
Frequency rate contractors	Fr	2.01	3.15	-36%		
Total recordable injury rate	RFr	2.94	3.78	-22%		
Total recordable injury rate EDP	RFr	2.61	2.18	+20%		
Total recordable injury rate contractors	RFr	3.10	4.60	-33%		
SOCIAL INVESTMENT						
Beneficiary Entities	#	65	113	-42%	 <p>Social investment >€300M until 2030</p>	
EDP volunteers	#	319	515	-38%		
EDP time used in volunteering	h	1,944	1,397	+39%		
Total Investment	€ th	4,122	2,931	+41%		

¹ 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

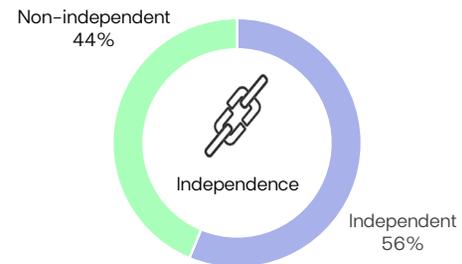
On the 10th April 2024, at the General Shareholders' Meeting, EDP shareholders elected the General and Supervisory Board, the Executive Board of Directors, the Statutory Auditor, the Board of the General Shareholders' Meeting, and the Remuneration Committee of the General Shareholders' Meeting.



¹ 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



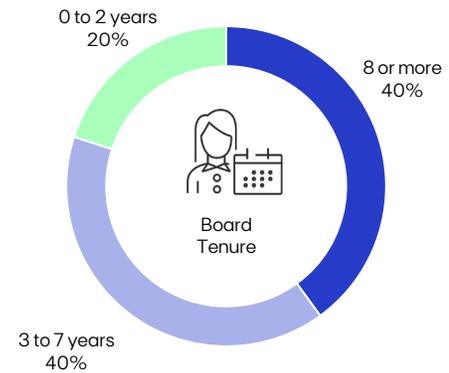
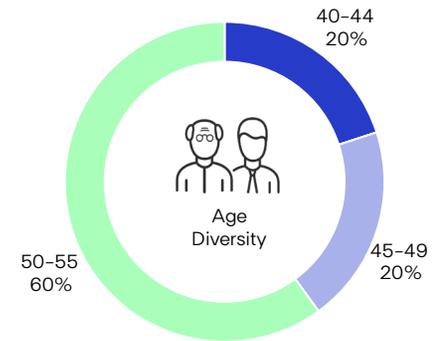
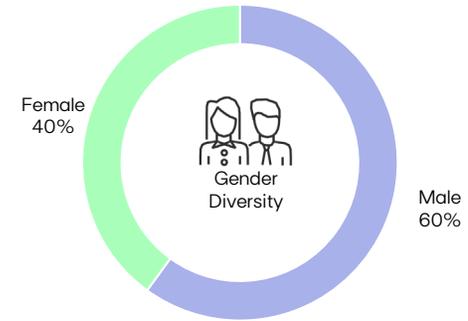
Independent, diverse and experienced General Supervisory Board with a strengthened cohesion between the GSB and the Chair

 MEMBERS OF THE GSB

 ANNUAL REPORT OF THE GSB

Governance highlights committed to the best practices

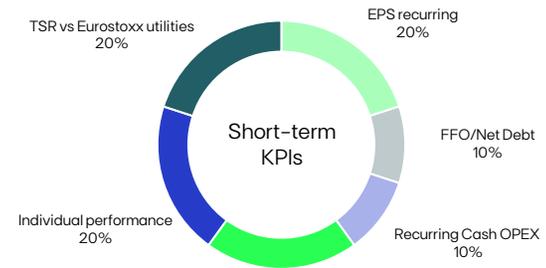
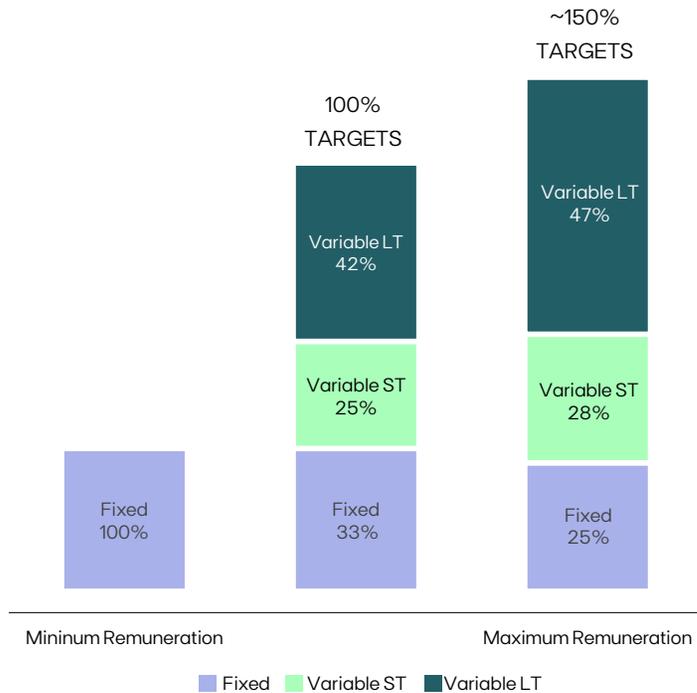
Executive Board of Directors



Governance highlights overview of the remuneration policy

New Remuneration Policy aligned with Best Practices

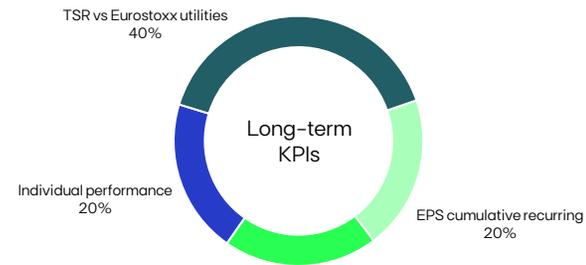
Proposed by the Remuneration Committee of the General and Supervisory Board and approved on the General Shareholders Meeting on the 10th April



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	1Q24	1Q23	Δ %
DIGITALIZATION						
Global	Global	Cybersecurity	bitsight rating	800	810	-1%
Digital Business	Customer	Customer self-care interactions ²	%	83%	76%	+8p.p.
	Assets & Operations	Electronic Invoices ²	%	46%	43%	+2.5p.p.
		Predictive Maintenance ^{2,3}	%	77%	66%	+11p.p.
Digital	Data & Technology	Eligible apps in cloud ²	%	67%	64%	+3p.p.
	People & Organization	People with digital training ²	%	74%	88%	-14p.p.
		People in collaborative Initiatives ²	%	40%	35%	+5p.p.
INNOVATION						
Innovation Team	Total investment (TOTEX)		€ m	28	26	+7%
	Employees ⁴		#FTE	428	459	-7%
Investment Portfolio	Ongoing investments VC		#	43	43	-
	VC investment		€ m	0.2	2.9	-95%
	VC investment cumulative ⁵		€ m	48.6	52.8	-8%



ReHydro's main goal is to showcase the refurbishment and modernization of European hydropower, aligning with sustainability, societal needs, and the requirements of the future energy system in the context of climate change. It introduces innovative methods to upgrade and expand capacity, aiming to enhance European leadership and competitiveness in the global hydropower industry. ReHydro will demonstrate how biodiversity can be improved with new fish-friendly turbines, re-establishment of environmental flows and advanced monitoring using new tools such as eDNA. Smarter use of water resources will also be implemented so that more services can be delivered to the power markets, while multi-purpose use of the water resources for navigation and recreation can be expanded and the ability to mitigate flooding and draughts are strengthened. EDP will provide two demonstration sites (Valeira and Belver) to showcase different technologies and approaches, namely to study downstream migration, how hydropower impacts the navigability of waterways during extreme events and how different technologies can reduce cavitation in the turbine runner.

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 Dow Jones Sustainability Indices Powered by the S&P Global CSA</p>	0-100	88	1 st	Nov-23
 	10-1	E&S:1	n.a.	Mar-24
	100-0	19.8	n.a.	Apr-24
 <p>MSCI 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](#) and our [Integrated Annual Report](#)