






12M 2023 | ESG REPORT  
EDP Redes España

# ESG PERFORMANCE AT A GLANCE

	Unit	12M 2023			12M 2022	TARGET EDP REDES		
		E-REDES	VIESGO	EDP REDES	EDP REDES	2025	2030	
 <b>Environment</b>	Revenues aligned with EU taxonomy	%	100%	100%	100%	100%	>70%	> 80%
	Scope 1 & 2 Emissions Intensity <sup>1</sup>	gCO2/kWh	3,9	7,0	5,2	7,4	4,8	0,25
	Total Waste	kt	7,2	24,2	31,3	15,6	-85,0%	-85,0%
 <b>Social</b>	Employee Engagement (top tier company)		✓	✓	✓	✓	✓	✓
	Female Overall	%	15,0%	22,2%	18,6%	17,8%	30%	35%
	Accident Frequency Rate (LTM)	Fr	0,58	2,73	1,56	1,74	1,89	< 1
 <b>Governance</b>	Female on Leadership	%	23,8%	20,9%	22,6%	21,4%	30%	35%
	ESG & equity linked compensation for Top Management		✓	✓	✓	✓	✓	✓
	Cybersecurity	Bitsight rating	✓	✓	✓	✓	✓	✓
	Top quartile in ESG rating Performance	GRESB	✓	✓	✓	✓	✓	✓

**Revenues aligned with EU taxonomy** Defined with the actual regulatory scheme.

**Total** Waste increase vs. 2022 mainly due to non-hazardous waste at Viesgo increasing vs 12M 2022

**Accident Frequency rate (LTM)** as 1,56 in Rolling 12M. EDP continues determined to strengthen the culture of Occupational Health and Safety, having started in 2021 a new program, "Playitsafe", to raise awareness of the importance of building and adopting safe habits at EDP.

Regarding **Employee engagement** EDP continuously promotes the definition of action plans throughout the organization to respond to employee feedback, reinforcing employees engagement.

EDP España (including EDP Redes España) has once again received this year the **Top Employer certification**, awarded by the Top Employers Institute, the largest company certifying best practices in human resources management in organisations around the world.

In 2023 females' representation on leadership 22,6% is 4,0 points higher than the total number of female in the company (18,6%).

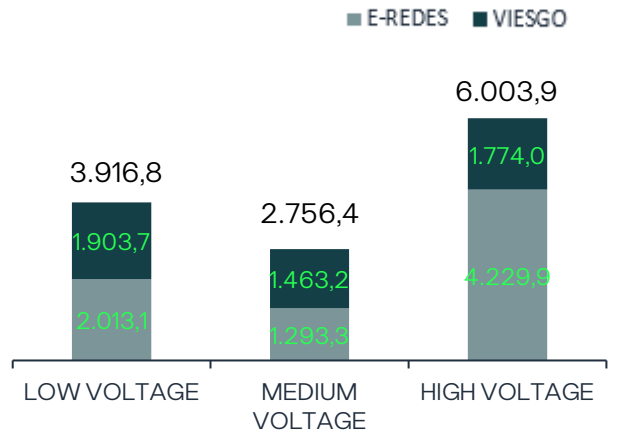
**EDP Suma + continues its activity** in distribution areas as Asturias, Cantabria y Lugo

**EDP Redes España GRESB 2023 (2022 performance): Infrastructure Asset Sector Leader (100/100)**

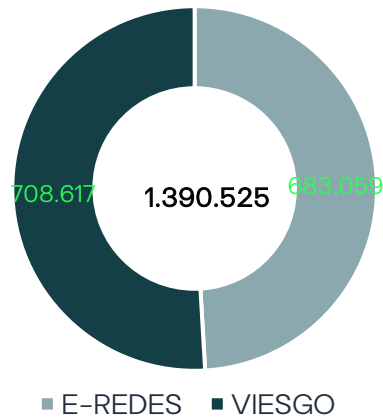
1. Scope 2 emissions according with GHG Protocol based location methodology. 2. 2030 as Carbon Neutral in Scope 1&2., Net Zero in 2030 for scopes 1 and 2 excluding network losses.

# COMMITTED TO AN EFFICIENCY PATH

## Energy Balance (GWh)



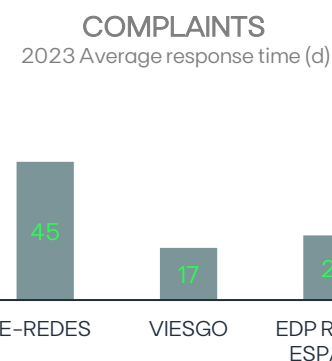
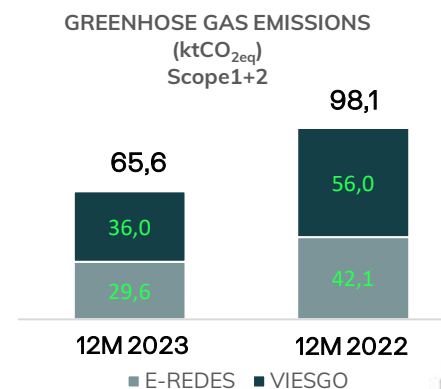
## Customers (#)



Unit	12M 2023			12M 2022	
	E-REDES	VIESGO	EDP REDES	EDP REDES	
<b>Distributed energy</b>					
<b>Distributed energy</b>	<b>GWh</b>	<b>7.536,2</b>	<b>5.140,9</b>	<b>12.677,2</b>	<b>13.285,9</b>
Extra HV	GWh	3.808,2	567,9	4.376,1	4.586,0
HV	GWh	421,7	1.206,1	1.627,8	1.972,1
MV	GWh	1.293,3	1.463,2	2.756,4	2.813,4
LV with remote reading	GWh	1.999,0	1.890,4	3.889,4	3.887,0
LV wo remote reading	GWh	14,1	13,3	27,4	27,4
Distribution Losses	GWh	286,3	354,4	640,7	673,1
Distributed energy with remote reading	GWh	7.488,6	5.127,6	12.616,2	13.231,5
<b>Remote reading/Distributed energy</b>	<b>%</b>	<b>99,4%</b>	<b>99,7%</b>	<b>99,5%</b>	<b>99,6%</b>
<b>Electricity Grid Losses (YTD)</b>	<b>%</b>	<b>3,7%</b>	<b>6,4%</b>	<b>4,8%</b>	<b>4,9%</b>
<b>Clients connected to the network</b>					
<b>Clients connected to the network</b>	<b>#</b>	<b>683.059</b>	<b>708.617</b>	<b>1.390.525</b>	<b>1.376.478</b>
Low voltage	#	680.687	707.218	1.387.905	1.373.898
Medium voltage	#	1.186	1.201	2.387	2.343
High voltage	#	1.186	198	233	237
<b>Quality of Service in the Distribution Network</b>					
SAIFIMT	n.º	0,90	0,90	0,90	1,60
SAIDIMT	min	28,57	62,58	48,42	38,41
SAIFIBT	n.º	0,57	0,61	0,59	0,39
SAIDIBT	min	12,07	29,28	20,83	19,73
TIEPIMT	min	12,03	24,85	18,86	19,68
<b>NPS</b>	<b>%</b>	<b>34,1%</b>	<b>23,2%</b>	<b>27,7%</b>	<b>25,8%</b>
<b>Sustainable Consumption</b>					
E-mobility -Light fleet electrification	%	30,6%	35,1%	32,5%	30,4%
<b>Lean</b>					
Total ongoing Projects	#			32	40
Total Projects	#			491	483
People involved	#			> 180	> 180

# ENVIRONMENTAL HIGHLIGHTS COMMITTED TO A CARBON-FREE ECONOMY

	Unit	12M 2023			12M 2022
		E-REDES	VIESGO	EDP REDES	EDP REDES
<b>Greenhouse gas emissions</b>					
Scope 1 & 2 Emissions Intensity	gCO <sub>2</sub> /kWh	3,9	7,0	5,2	7,4
Scope 1 GHG Emissions <sup>1</sup>	ktCO <sub>2eq</sub>	1,5	1,2	2,7	1,9
Scope 2 GHG Emissions <sup>1,2</sup>	ktCO <sub>2eq</sub>	28,1	34,8	62,9	96,2
Scope 3 GHG Emissions <sup>1</sup>	ktCO <sub>2eq</sub>	752,11	512,94	1.265,04	1.907,21
SF <sub>6</sub>	kg	48,0	42,0	90,0	57,5
<b>Waste</b>					
Hazardous	t	806	910	1.716	695
Recovered Hazardous	%	88,5%	98,4%	93,7%	86%
Non-hazardous	t	6.365	23.267	29.632	14.875
Recovered Non-Hazardous	%	84,8%	99,3%	96,2%	89%
<b>Distribution in Protected Areas</b>					
HV Overhead Lines	km	84	124	208	209
MV Lines Overhead Lines	km	825	805	1.630	1632
HV Underground Lines	km	0	0	0	0
MV Underground Lines	km	73	93	166	144
Transformer	#	745	657	1.402	1400
Substations	#	18	10	28	28
<b>Environmental fines and penalties</b>					
Complaints	#	5	30	35	39
Average Response Time	d	45	17	21	31
<b>ISO 14001 Certification</b>					
	%	100%	100%	100%	100%



In an exercise of transparency, all environmental complaints are detailed, although they are not considered material, as they are of minor relevance.

1. Best estimation as 12M 2023 (final figures will be available in Sep'24).. 2.Scope 2 emissions according with GHG Protocol based location methodology.

# SOCIAL HIGHLIGHTS COMMITTED TO PROVIDE A FAIR AND SAFE WORKPLACE

	Unit	12M 2023			12M 2022
		E-REDES	VIESGO	EDP REDES	EDP REDES
<b>Employment</b>					
Employees	#	274	270	544	540
Female employees	%	15,0%	22,2%	18,6%	17,8%
Employee Engagement <sup>1</sup>	%			72,0%	72,0%
Employee Enablement <sup>1</sup>	%			58,0%	51,0%
Employee Turnover	%			0,0%	0,5%
Absenteeism	%			4,4%	4,4%
<b>Training</b>					
Total hours of training	h			17.230,7	24.040,1
Employees with training	#			556,0	568,0
Direct training investment	€			230.953,7	366.707,0
<b>Health and Safety<sup>2</sup></b>					
Fatal work-related injuries own personnel	#	0	0	0	0
Fatal work-related injuries contractors	#	0	0	0	0
Accidents with lost workdays own personnel	#	0	1	1	1
Accidents with lost workdays contractors <sup>3</sup>	#	1	3	4	4
Total Frequency rate (rolling 12M) <sup>4</sup>	Fr	0,58	2,73	1,56	1,74
Frequency rate own personnel	Fr	0,00	2,28	1,11	1,09
Frequency rate contractors	Fr	0,79	2,92	1,74	2,05
Total recordable injury rate (Rolling 12M) <sup>5</sup>	RFr	1,73	4,77	3,12	3,83
Total recordable injury rate own personnel	RFr	2,15	4,56	3,32	5,45
Total recordable injury rate contractors	RFr	1,57	4,86	3,04	3,07
<b>Social Investment</b>					
EDP volunteers	#	85	45	130	80
EDP time used in volunteering	h	206	72	278	172



30% female employees by 2025



Top Tier Company in Employee Engagement

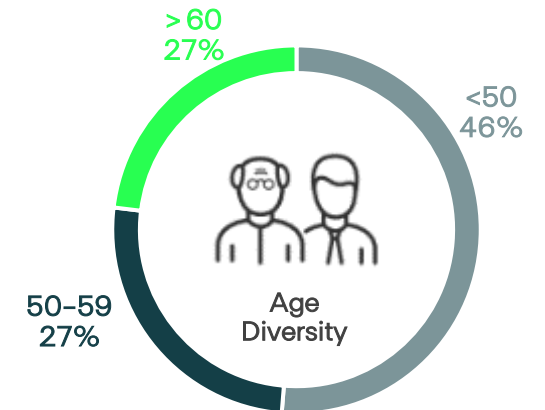
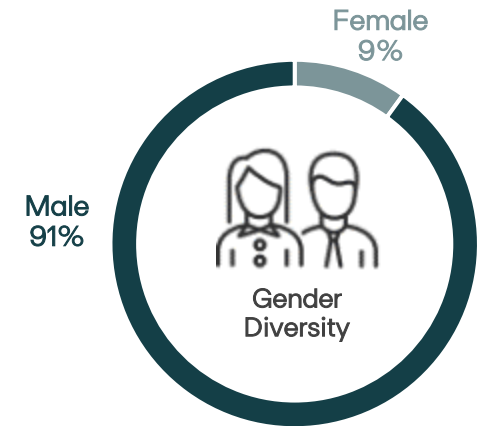


Accident Frequency Rate below 1,89 by 2025

1. Engagement - reflects the involvement and commitment by employees; Enablement - reflects the perception of organizational support by employees. 2. Figures as LTM. 3. Accidents occurred at the place and working time or on a journey, with 1 or more days of absence and fatal accidents. 4. Includes Lost Workdays accidents. 5. Includes all accidents.

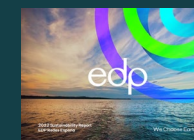
# GOVERNANCE HIGHLIGHTS COMMITTED TO THE BEST PRACTICES

## Board of Directors EDP Redes España 2023



**Executive Management Team 2023:** Miguel C. Mateos. João Rui Fonseca Gouveia Carvalho, Juan Miguel Sanchez Alcántara.

### FOR FURTHER INFORMATION



Sustainability Report 2022



Code of Ethics



Election of the members of the EB



# DIGITALIZATION & INNOVATION HIGHLIGHTS COMMITTED TO DRIVE TRANSFORMATION

		12M 2023			12M 2022	
Unit		E-REDES	VIESGO	EDP REDES	EDP REDES	
<b>Digitalization</b>						
<b>Business</b>						
<b>Customer</b>	Selfcare Interactions <sup>2</sup>	%	25,5%	59%	47,4%	55,2%
<b>Enterprise</b>	Digitalisation <sup>1</sup>	%	79,6%	80,3%	80,0%	79,9%
<b>Innovation</b>						
<b>Innovation</b>	Total investment (TOTEX)	€ m	23.040	28.275	51.315	41.809
<b>Team</b>	Employees	#FTE	38	40	78,2	76,4

1. To assess the level of digitalisation, 4 variables were considered: Automation, Standardisation, Integration and Traceability and Data Driven. Driven. For the first two, the methodology defined by EDP was adopted, which is used to calculate the Digitisation KPI. In addition, surveys were carried out to measure the level of maturity in terms of Integrity and Traceability of the organisation's information and Data Driven of the organisation, thus obtaining a first wide measurement of the current status of the organisation..
2. Activities carried out through interactive voice response (IVR) or Websites

## HIGHLIGHTS

Last November, the EDP ENERGY STARTER Bootcamp took place in Santander in its edition focused on smart grids. During 3 intense days, the 9 selected startups shared solutions in fields related to grid flexibility, asset management, environmental impact and management and other areas. The bootcamp was developed at EDP / VIESGO facilities, including focus activities, presentations by leading members of the industry and meetings with EDP experts. The objective is to size possible pilot projects between the company and the selected startups. The bootcamp had great media impact and a high rate of internal follow-up. 2 projects (Safeguard y Safegrid) have already been approved for launch in 2024. Additionally, 4 ((Cellgrid, Alteria, Synaptec y Beyond Vision) are in the definition and analysis phase.



# GRESB EDP REDES ESPAÑA 2023 ( PERFORMANCE 2022): Infrastructure Asset Sector Leader (100/100)

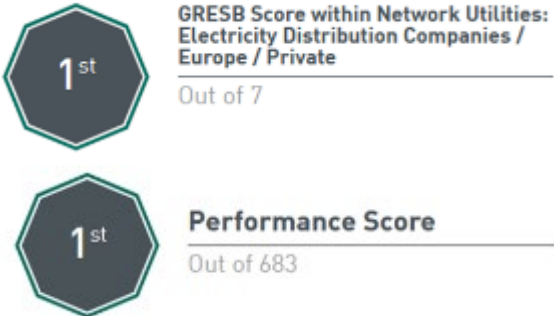
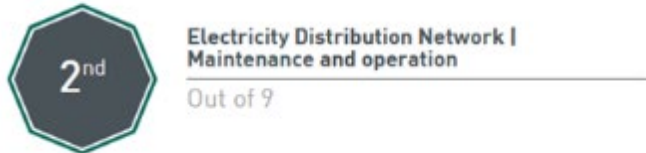
## KEY DATA

GRESB Rating  
★★★★★

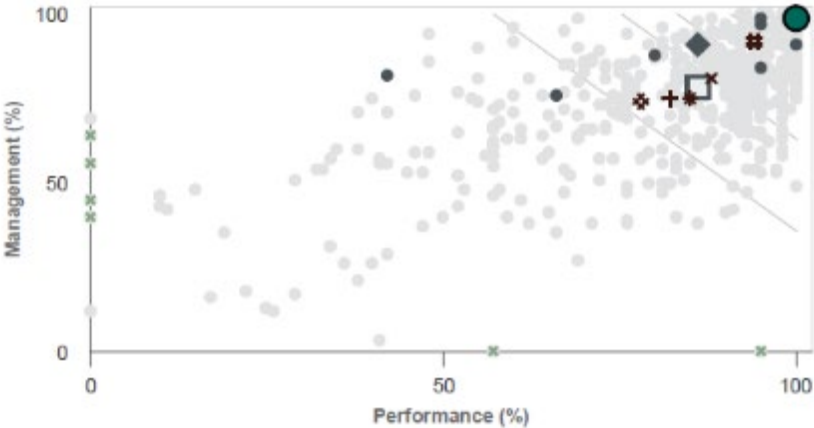
### Participation & Score



### Peer Comparison



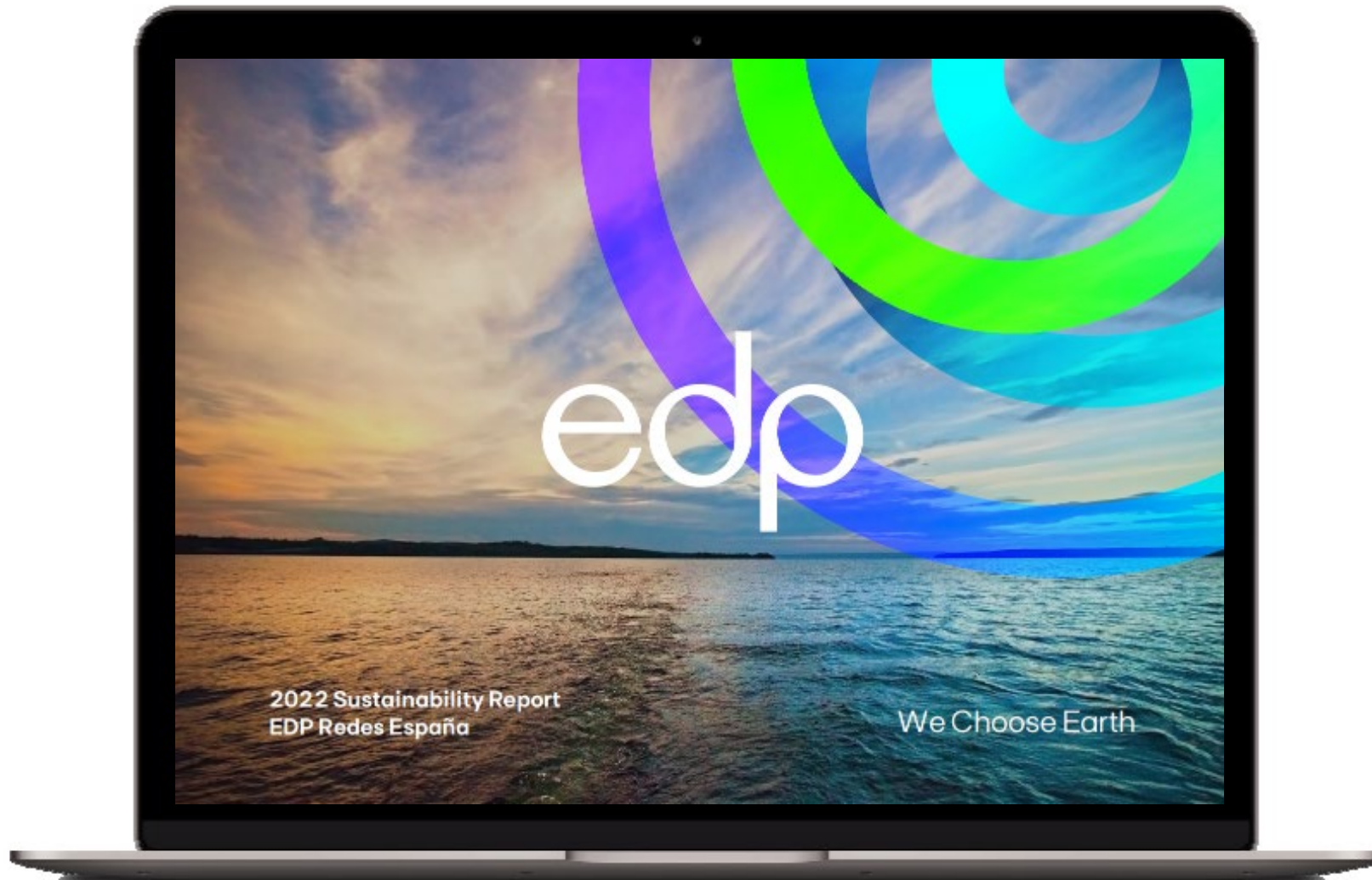
## GRESB MODEL



- This Entity
- ◆ Peer Group Avg.
- Peer Group
- GRESB Average
- GRESB Universe
- + Asia
- x Europe
- \* Americas
- ⊠ Oceania
- ⊞ Globally diversified
- ⊗ Entities with only one component submitted







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