



Sustainable Products & Services Programme 2025

This Report

This report documents EDP Group's Sustainable Products & Services Programme — the formal programme governing EDP's portfolio of sustainable energy products and services offered to end customers. It covers the Group's Demand-Side Management (DSM) strategy, the EU Taxonomy classification of client-facing activities, quantified targets, investments (CapEx/OpEx, R&D, infrastructure), commercial incentives, the complete product catalogue, sustainable revenues, and internal operations management programmes for energy, water and waste.

This report draws on, and is complementary to, [EDP Group's Integrated Annual Report 2025](#) (IAR 2025) — which includes the Sustainability Statement prepared under the Corporate Sustainability Reporting Directive (CSRD) and the European Sustainability Reporting Standards (ESRS) — and to EDP's Additional Sustainability Indicators 2025, which provides the structured cross-reference to leading ESG assessment frameworks.

Where evidence is fully disclosed in either of those documents, this report cross-references rather than duplicates; where a gap exists or where structured presentation adds clarity, this report provides the content directly.

This report covers the calendar year 2025 and is organised in four Parts. Parts I and II report under the Client Solutions perimeter (defined in the [Scope](#), page 5). Parts III and IV report Group-level content with explicit perimeter declarations and cross-references to IAR 2025.

The table below summarises the structure of this report:

PART	TITLE	PERIMETER	CONTENT
Part I	Programme Statement & Scope	Client Solutions	Relationship to IAR 2025 and Additional Sustainability Indicators; programme origins and pillars
Part II	Products & Services — Classification, Targets and Performance	Client Solutions	Sections 1–5 — EU Taxonomy mapping, targets, investments, sales incentives and complete product catalogue (Sections 5.11 and 5.12 included with perimeter declarations)
Part III	Sustainable Revenues — Group-level Taxonomy KPI	EDP Group	Section 1 — Group-level Taxonomy-aligned Turnover (FY2022–FY2025); Scope note and reporting-infrastructure gap
Part IV	Group Internal Operations Management Programmes	EDP Group	Sections 1.1–1.3 — Group-wide internal energy (1.1), waste (1.2) and water (1.3) management

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Part I. Programme Statement & Scope

Programme Statement

EDP Group operates a formal programme dedicated to expanding its portfolio of sustainable products and services for end customers, delivered through the Client Solutions Platform across five regions: Iberia, Europe, South America, North America and Asia Pacific. The programme builds on EDP's long-standing Demand-Side Management ("DSM") activity — first established in 2009 and overseen by the Executive Board of Directors — and has since broadened to cover the full client-energy-transition value chain, including distributed solar, electric mobility, energy storage, energy communities and renewable retail offers. It is embedded in the [Business Plan 2026–2028](#) and covers four pillars:

- i. an EU Taxonomy-based classification system with external limited assurance;
- ii. specific, time-bound and quantified targets;
- iii. dedicated CapEx/OpEx investments including R&D resources, infrastructure and internal training; and
- iv. commercial incentives for staff on sustainable products.

The full product catalogue, covering 25+ products and services by category, geography and customer segment, is presented in [Section 5 \(Part II\)](#). In this report, "sustainable products and services" refers to the client-facing products and services classified under the programme's EU Taxonomy-based classification system (subject to external limited assurance), as set out in Parts II and III. This classification maps each offering to the relevant EU Taxonomy economic activity; it does not imply that every catalogue item generates Taxonomy-aligned Turnover, which is reported separately at Group level in Part III.

Part IV documents EDP Group's internal energy, water and waste management programmes. These are operational efficiency programmes implemented Group-wide across the Group's own facilities — including Generation (EDP Produção, EDP Generación), Networks (E-REDES, EDP Redes España, EDP Brasil distribution), EDPR and Client Solutions facilities. They are reported here for completeness and Group-level coherence, complementing the Client Solutions perimeter defined in the Scope section, and they cross-reference disclosures in IAR 2025, Sustainability Statement, chapter 2.1 Climate Change and chapter 2.2 Nature and Resource Management.

Scope

Throughout this document, references to client-facing products and services cover EDP's Client Solutions perimeter — the set of EDP Group companies responsible for commercialising energy products and services to end customers, operating across five regions under the Client Solutions Platform (Head: Vera Pinto Pereira, Executive Board Member). This perimeter comprises:

- EDP Comercial – Comercialização de Energia, S.A. (Portugal) — liberalised market supply, solar DG B2C and B2B, electric mobility (CEME), energy efficiency services (Client Solutions Iberia)
- EDP España, S.A.U. (Spain) — liberalised market supply, solar distributed generation (solar DG), EV charging, energy services (Client Solutions Iberia), EDP Comercial B2B — Europe (operating through Client Solutions Europe and Client Solutions Europe CG) — solar DG, B2B energy storage and energy efficiency services in Italy, Poland, France, Germany, Romania and Greece
- Client Solutions North America DG — distributed solar generation and B2B commercial services in the United States
- EDP Brasil — EDP Espírito Santo Distribuição de Energia S.A. and EDP São Paulo Distribuição de Energia S.A., and related supply activities (Client Solutions South America)
- Other Group entities serving end customers in specific geographies or segments, including Client Solutions Asia Pacific (Singapore and other APAC markets).

When referring to the combined activities of EDP Comercial – Comercialização de Energia, S.A. (Portugal), EDP España, S.A.U. (Spain), EDP Brasil's supply activities, and other Group entities serving end customers, this document uses the designation "Client Solutions entities", consistent with EDP Group's public reporting and corporate [website](#).

This catalogue covers client-facing products and services only. Generation and network assets operated by EDPR, EDP Produção, E-REDES, EDP Redes España, and EDP Brasil generation entities are excluded from this perimeter and are reported separately in EDP's Integrated Annual Report 2025, except where referenced as upstream inputs to Client Solutions products (e.g., Guarantees of Origin sourced from Group generation assets).

Section 4 (Incentives for Sales Staff) covers two distinct scopes:

- (i) the Group-wide ESG performance cluster embedded in the variable remuneration of all EDP Group employees, which provides the overarching sustainability incentive framework;
- (ii) commercial incentives specific to Client Solutions entities, which directly link team performance to DSM and Energy Efficiency targets.

Only scope (ii) is within the Client Solutions perimeter defined above.



Image: EDP's Headquarters, Lisbon, Portugal.

Part II. Products & Services – Classification, Targets and Performance

1. Classification System for Sustainable Products & Services

Two frameworks, two levels of analysis – complementary and non-contradictory

Framework 1 – EU Taxonomy (Group financial reporting): The EU Taxonomy Regulation (EU) 2020/852 classifies the company's economic activities for mandatory financial reporting purposes (Article 8 – KPIs Turnover/CapEx/OpEx). It operates at company/Group level, not at individual product level. In the Integrated Annual Report 2025 ("IAR"), three distinct situations arise from Client Solutions activities:

i. Activities with separate aligned turnover in the IAR: 7.4 (Charging Stations, €26m aligned) and 7.6 (Decentralised Production, €119m aligned) are fully captured as Taxonomy-aligned in the IAR KPIs. These activities are performed by EDP's Client Solutions companies and correctly reported at Group level.

ii. Activities without separate IAR capture – reporting system gap: Activities 7.3 (EE equipment installation), 7.7 (Building renovation) and 8.2 (Data processing and hosting) are defined eligible activities under the EU Taxonomy, and EDP's Client Solutions companies performs services that fall within their scope. However, they are currently included within the €8,987m "Other non-eligible" line in the IAR because EDP does not yet have an operational financial reporting system capable of disaggregating and separately capturing the monetary flows of these specific product activities within the Group's consolidated financial statements. This is a known systemic gap in reporting infrastructure – not a regulatory gap and not an assessment of the products' environmental impact.

iii. Green electricity tariffs – structural misclassification risk: The retail supply of electricity from renewable sources (green tariffs, Guarantees of Origin) is not a defined eligible Taxonomy activity. Under this model, Client Solutions entities does not generate electricity – it purchases Guarantees of Origin (GoOs) issued per MWh of renewable electricity generated by Group assets (EDPR wind/solar, EDP Produção hydro) and associates them with the electricity supplied to end customers. The electricity is physically delivered through the general grid; the

GoO is the separate instrument that certifies its renewable origin. The underlying generation assets are reported as aligned Group activities under 4.1/4.3/4.5 in the IAR. However, the commercial supply activity exercised by EDP's Client Solutions companies – purchasing GoOs and retailing electricity – is a distinct economic activity from generation and cannot inherit generation codes. Assigning 4.1/4.3/4.5 to a retail supply activity constitutes a misclassification. This catalogue removes those codes from Client Solutions entities product entries and introduces a dedicated regulatory gap notation.

Framework 2 – DSM / Sustainable Products Classification: The DSM program classifies individual products according to their environmental impact on the customer – energy consumption reduction, fossil fuel substitution, end-use energy efficiency. It adopts the Bertoldi & Rezessy framework (European Commission) to categorise energy services, and uses EU Taxonomy codes as technical reference for the nature of each product (not as a financial classification). This approach is internally consistent and does not conflict with financial reporting.

Classification anchor for external reporting

EDP uses the EU Taxonomy for Sustainable Activities as its formal classification framework for defining sustainable products and services. As a company within the legal scope of the EU Taxonomy (CSRD/ESRS applicable), EDP publicly discloses Taxonomy-Eligible and Taxonomy-Aligned KPIs (Turnover, CapEx, OpEx) in its IAR, subject to external limited assurance by an independent auditor.

1.1. EU Taxonomy Activity Mapping

Scope note and consistency with IAR 2025 (EU Taxonomy):

The IAR 2025 discloses EU Taxonomy KPIs for the entire EDP Group – generation (4.1/4.3/4.5), T&D networks (4.9), Charging Stations (7.4) and Decentralised Production (7.6). Selected codes are used here as a technical reference only for products commercialised by Client Solutions entities – not as a financial reporting classification.

Generation codes (4.1/4.3/4.5) do not appear in this catalogue. Generation and network activities are Group assets (EDPR, EDP Produção, EDP Brasil, and the Group's electricity network companies), not products sold to customers by Client Solutions entities. Assigning these codes to commercial retail supply activities constitutes a misclassification and is not applied in this catalogue. The upstream renewable origin of electricity underpinning green tariffs is acknowledged in product descriptions with cross-reference to IAR Group assets.

Activities 7.3, 7.7 and 8.2 – technical reference only. No separate financial capture in IAR 2025: revenues are consolidated within "Other non-eligible activities" (€8,987M) as EDP does not yet have an operational financial reporting system capable of disaggregating the specific monetary flows of these product activities within the Group's consolidated financial statements. This is a known reporting infrastructure gap – not a regulatory non-compliance.

The table below presents the resulting activity mapping for Client Solutions products and services.

Table 1 – EU Taxonomy Activity Mapping

EDP Group Client Solutions – Products & Services Classification reference framework for the Sustainable Products & Services Programme

Code	IAR 2025 Aligned Turnover	EU Taxonomy Activity	Client Solutions entities Product / Service	Commercial Category
7.4	€26m	Installation, maintenance and repair of EV charging stations	EV charging (CEME, EDP Charge app, private/public, fleet)	E-mobility services
7.6	€119m	Installation of renewable energy technologies	Energy-as-a-Service, storage solutions, solar-plus-storage	Solar DG & supplementary energy services
7.3 technical reference	– (dual gap)	Installation of energy efficiency equipment	Energy audits, LED, HVAC, heat pumps, EMS, smart home	EE services
7.7 technical reference	– (dual gap)	Renovation of existing buildings	Building retrofitting, facilities refurbishment, EDP Packs	Technical assistance & maintenance
8.2 technical reference	– (dual gap)	Data processing and hosting	Smart meter services, EDP Solar app, EMS platforms, AI tools	Digital energy services

Code	IAR 2025 Aligned Turnover	EU Taxonomy Activity	Client Solutions entities Product / Service	Commercial Category
–	– (regulatory gap)	Retail supply of electricity from renewable sources – not yet a defined eligible Taxonomy activity	Green electricity tariffs, GoOs, dynamic pricing – sourced from Group generation assets (EDPR / EDP Produção)	Green electricity commercial offers

Note:

IAR: Activity with separate aligned turnover disclosed in the IAR 2025, subject to independent limited assurance. Technical reference: EU Taxonomy code used as a technical reference for the nature of the product only; – (dual gap): no separate financial capture in the IAR 2025 – revenues are included in the 'Other non-eligible activities' line (€8,987M) due to the absence of a financial reporting system capable of disaggregating the specific monetary flows of these product activities. No eligible code: the retail supply of electricity from renewable sources does not yet constitute a defined eligible activity under the EU Taxonomy; the underlying generation assets are reported at Group level under codes 4.1/4.3/4.5 in the IAR 2025.

2. Specific, Time-Bound and Quantified Targets

EDP's sustainable products programme is underpinned by specific, time-bound and quantified targets embedded in the [Business Plan 2026–2028](#) and disclosed in EDP's public reporting. The table below covers targets directly associated with the programme's client-facing activities and internal sustainability commitments, as publicly disclosed in the Integrated Annual Report 2025 and the Business Plan 2026–2028.

Table 2 – Specific, Time-Bound and Quantified Targets

EDP Group – Sustainable Products & Services Programme and supporting ESG commitments

Indicator	Baseline value/ year	2025	Target
Sustainable subscription services penetration— B2C Portugal (% of electricity portfolio clients with ≥1 subscription service or solar)	37% 2024 baseline year	41%	44% (BP 2026 EDP Comercial)
EV charging points — public/private	1.9k charging points 2020 baseline year	14,895	~7k EV charging points in Iberia by 2026 Capital markets day 2023
Smart meter roll-out	2022 baseline year	8.08m Iberia (PT: 6.68m + ES: 1.39m) 0.71m Brasil	100% in Iberia (reached in PT) by 2025 100% worldwide by 2030
Avoided CO ₂ from customer EE programmes	2015 baseline year	15 MtCO ₂ 2015–2025	15 MtCO ₂ by 2025
Net Zero — Scope 1+2	157 gCO ₂ e/kWh 2020 baseline year	51 gCO ₂ e/kWh	–95% by 2030 vs. 2020 (SBTi-validated)
Net Zero — Scope 1+2+3	19.5 MtCO ₂ e 2020 baseline year	10.1 MtCO ₂ e (–10% YoY)	Net Zero by 2040

Methodological note on Avoided CO₂ from customer EE programmes: calculated with the annual emission factors from the geographies (Portugal, Spain and Brazil) in which the energy saving programs (energy efficiency, electric mobility and PV generation) are implemented.

Note on 2024–2025 trajectory: The carbon intensity Scope 1+2 increased from 29 gCO₂e/kWh in 2024 to 51 gCO₂e/kWh in 2025, reflecting the +149% increase in CCGT/FlexGen generation in Iberia following the 28 April 2025 Iberian blackout. The trajectory vs. the 2020 baseline (157 gCO₂e/kWh) remains at –67%, in line with the SBTi-validated –95% target for 2030.



Image: On-site solar photovoltaic installation for a business customer, enabling renewable energy generation and a reduced carbon footprint.

3. Investments to Increase the Sustainable Products Portfolio

EDP Group allocates dedicated investments — in R&D, infrastructure and internal training — to expand and improve its portfolio of sustainable products and services. The three sub-sections below document each investment stream as required under the programme's CapEx/OpEx disclosure framework, with cross-reference to publicly available sources in the [Integrated Annual Report 2025](#) and the [Business Plan 2026–2028](#).

3.1. Innovation Resources – Global Research and Innovation

EDP's Global Research and Innovation (GRI) is the innovation arm of the EDP Group focusing on innovation and R&D avenues. GRI operates through four innovation paths — internal delivery, open innovation ecosystem, EDP Ventures (CVC), and CNET (public-funded research) — all aligned with EDP's four business domains.

The table below summarises GRI's key investment metrics and their direct link to the sustainable products portfolio, constituting EDP's evidence base for innovation resources dedicated to sustainable product development.

Table 3 – R&D Resources — Global Research and Innovation

GRI Metric	2025	Sustainable Product Focus
Cumulative innovation pilot investment (since 2016)	€~5.5m €0.6m FY2025 201 pilots	EE, solar DG, EV, storage, circular economy
Commercial contracts from innovation ecosystem	€101.5m	Renewable, smart grid, DSM services
Innovation Delivery – Emerging Business Opportunities under management	51 submitted; 4 scales and 2 Early Adoptions	Scales: Speed-UP Underground Grids (SUUG), Speed-Up Aerial Grids (SUAG), Scale O&M (see image) and ONAU (Going Net Zero) Early Adoption (EA): Upgrade Satellites Usage (USU) and Flexible Connections (FlexC)
EDP Ventures — cumulative investment and active portfolio companies	€75m invested 34 companies	Clean tech, storage, AI energy, EV, circular economy
Active R&D pilots (doubled year-on-year)	11 active pilots	solar, AI EV charging, smart storage
Brazil EE programme investment (ANEEL)	R\$ + 140m invested in innovation (R\$ 11m in P&D)	9.34 GWh/year (100% renewable) -15% CO ₂ emissions vs 2024 (-93% vs 2020)



Image: Scale up O&M – Autonomous robotic cleaning solution for utility-scale solar parks, improving photovoltaic panel performance, reducing maintenance needs, and supporting more efficient renewable energy generation.

3.2. Infrastructure Investments

EDP's infrastructure investment programme directly enables the delivery and scaling of sustainable products and services to end customers. The investments below — in electricity networks, smart metering, distributed solar integration and electric mobility infrastructure — constitute the physical backbone of the Client Solutions product portfolio. Figures are drawn from the Business Plan 2026–2028 and the Integrated Annual Report 2025 (chapter 3.4 Resilient Service and Strategic Approach sections).

Table 4 – Infrastructure Investments

Investment	Amount 2025	Period	Sustainable Products Enabled
Distribution & Transmission grids investment (EDP Group: PT, ES & BR)	Distribution: €3Bn (PT: €1.7Bn; ES: €0.6Bn; BR: €0.7Bn) Transmission: BR: €0.6Bn BP 2026-2028	2026–2028	Networks modernisation, digitalisation, electrification
Smart meter deployment (EDP Group)	8.79m units (PT: 6.68m; ES: 1.39m; BR: 0.71m) IAR 2025 , Annexes, chapter 1.1. Other indicators, table Digital transformation	end-2025	DSM services, real-time consumption tools, solar DG and EV integration
Brazil EV ultra-fast charging network (R&D ANEEL)	BRL ~32m	end-2024	18 ultra-fast charging points EV corridors in São Paulo
Energy storage and flexibility	REDOX 2025 innovative project with 1.04 MWh of capacity; an investment of €30k during 2025	FY2025	BESS standalone, solar-plus-storage, ancillary services, flexibility
Capacity additions — Renewables e BESS	2.1GW gross (100% renewables and BESS) IAR 2025 , 1.5. Key Metrics	FY2025	Underpins decarbonisation of supply mix

3.3. Internal Training on Sustainable Design

Think With AI Programme: 7,800+ employees using GenAI regularly; 6,400+ upskilled — accelerating AI-powered sustainable product development (Assistente para Respostas ao Cliente (A.R.C.) assistant, smart energy management tools).

Global Research and Innovation (GRI) Innovation Culture: Structured R&D training and bootcamps on EE, circular economy for solar, smart storage, green hydrogen and sustainable mobility across EDP's innovation community. In 2025 different training sessions took place regarding these subjects, like Circularity for a Regenerative Business. Particularly remarkable were the FabLab EDP sessions, where 57 participants delivered 301 training hours focused on experimentation, prototyping, and sustainable innovation.

Responsible AI Policy (EU AI Act aligned): Group-wide framework ensuring ethical, secure and compliant AI development and use across all EDP entities and activities, overseen by EBD and Responsible AI Committee.

4. Incentives for Sales Staff on Sustainable Products

EDP's incentive structure for sustainable products operates at two levels:

- i. a Group-wide ESG performance cluster, embedded in the variable remuneration of all EDP Group employees (carrying a mandatory 10% weight in the annual performance model under the ESG Excellence cluster – Group KPIs, Performance Evaluation Model 2026), which applies to all business units, geographies and employee segments; and
- ii. commercial-team-specific incentives within Client Solutions entities, which directly link individual and team performance to DSM and Energy Efficiency strategy targets – including sustainable services penetration, solar DG contracted volume, and e-mobility market share. The table below documents both levels.



Image: Photovoltaic installation at the Más y Más logistics centre in Spain, supporting the delivery of sustainable energy solutions for business customers.

Incentive Mechanism	Description	Scope
Sustainability KPIs in variable remuneration	Sustainability indicators are embedded in the variable remuneration of all EDP Group employees through the ESG performance cluster (10% mandatory weight, Group KPIs – Performance Evaluation Model 2026). For commercial teams in EDP Comercial and Client Solutions, performance against DSM and Energy Efficiency targets – sustainable services penetration, solar DG contracted volume, e-mobility market share – constitutes a dedicated incentive mechanism directly linked to EDP's DSM and EE strategy.	All EDP Group employees (ESG cluster); EDP Comercial and Client Solutions teams (DSM & EE component)
Sustainable Services Penetration and MW Additions – Commercial KPIs	EDP Group sustainability indicators for supply companies directly enable achievement of Demand-Side Management (DSM) and Energy Efficiency (EE) strategy targets. Commercial team performance is measured against sustainable services penetration targets, defined as distributed generation (solar DG), electric vehicle charging, smart energy management solutions, and energy efficiency services, classified under EDP's internal sustainable services Taxonomy aligned with the EU Taxonomy criteria	Client Solutions entities
B2C Sustainable Services Penetration (SVAs)	Commercial teams' performance is measured against the KPI 'Penetration of Value-Added Services (SVAs)' – the share of electricity customers subscribing to ≥1 sustainable service (solar DG, EV solutions, smart energy management tools). 2026 target: 44.39% of electricity customers (EoP basis); weight: 15% in the Platform Client Solutions B2C performance model.	EDP Comercial (Client Solutions Iberia – B2C)
EV / e-Mobility market leadership	EDP Comercial led the CEME (Mobility Charging Entity) market in Portugal with over 136,000 charging cards as at end-2025. Commercial team performance is formally tracked against e-mobility market leadership metrics as a dedicated incentive mechanism within the Client Solutions B2C performance model (Region KPIs, 2026)	EDP Comercial – Portugal
Solar DG commercial targets – B2B	Over 220 MWp of Solar Distributed Generation contracted in the B2B segment across Europe in 2025. Commercial team performance is formally incentivised against contracted solar DG volume as a dedicated KPI within the Platform Client Solutions B2B performance model, with MW Additions B2B (on time and on budget) carrying a 20% weight and a 2026 target of 390.34 MW (Budget 2026).	EDP Comercial B2B – Europe (Client Solutions Europe CG: Italy, Poland, France, Germany, Romania, Greece)

5. Complete Product & Services Catalogue

Organisation: The following catalogue covers all client-focused products and services in EDP's sustainable portfolio, structured by category (following the Bertoldi & Rezessy European Commission framework used in EDP's DSM reporting), with EU Taxonomy mapping, geography, customer segment and performance metrics.

Product / Service	PT	ES	BR	Europe ¹	USA ²	Africa ³	B2C	B2B	Social
5.1 Energy Analysis and Audits									
5.1.1 Energy Audits	●	●						●	
5.1.2 Energy Certification	●						●	●	
5.1.3 Improvement in Power Quality		●						●	
5.2 Project Design and Implementation									
5.2.1 Efficient Lighting (LED)	●	●						●	
5.2.2 Advisory Energy Service	●	●						●	
5.2.3 B.O.T. – Build, Operate and Transfer	●		●					●	
5.3 Energy Management Systems									
5.3.1 Consumption Management – Energy Management System	●	●	●					●	
5.3.2 TRE – Designated Facility Energy Manager	●							●	
5.4 Maintenance, Operation and Circular Economy									
5.4.1 EDP Packs – Technical Assistance & Appliance Lifespan Extension	●						●	● (SME)	
5.4.2 Integra – Maintenance Services		●						●	
5.5 Energy Equipment Supply									
5.5.1 PPEC – Plan for Promoting Efficiency in Electricity Consumption	●						●	●	
5.5.2 Green Electricity – 100% Renewable Tariffs	●	●					●	●	
5.5.3 Efficient Lighting (LED)	●	●					●	●	
5.5.4 Voltage Level Increase	●	●						●	
5.6 Digital Energy Services and Monitoring									
5.6.1 EDP Solar App / Re:dy – Smart Solar Monitoring	●						●		

Product / Service	PT	ES	BR	Europe ¹	USA ²	Africa ³	B2C	B2B	Social
5.6.2 Casa Eficiente – Digital Energy Efficiency Platform	●							●	
5.6.3 Digital Energy Services Suite	●	●	●					●	
5.7 Integrated Energy Services									
5.7.1 Cuota Ahorro / Efficient – Save to Compete		●	●					●	
5.7.2 PEE – Energy Efficiency Programme			●				●	●	
5.8 Distributed Solar Generation									
5.8.1 Solar Self-Consumption B2C	●						●		
5.8.2 Solar Self-Consumption B2B	●	●						●	
5.8.3 Energy Communities – Collective Self-Consumption	●	●					●	●	● (Communities)
5.8.4 Distributed Solar Generation			●				●	●	
5.9 Electric Mobility Services									
5.9.1 Public EV Charging – CEME Programme	●	●					●	●	
5.9.2 Private EV Charging – Home, Condominium & Corporate Fleets	●	●					●	●	
5.9.3 EDP Charge Digital Ecosystem (App + Portals)	●	●					●	●	
5.9.4 EV Ultra-Fast Charging – Brazil Highway Corridors			●				●	●	
5.10 Energy Storage and Flexibility									
5.10.1 Residential Solar-Plus-Storage	●	●					●		
5.10.2 Energy Storage Solution	●	●	●	●	●			●	
5.11 Smart Grids and Network-Enabled Sustainable Services									
5.11.1 Smart Meter Programme	●	●	●				●	●	
5.11.2 InovGrid / Smart Grid Innovation Programme	●	●					●	●	
5.12 Addressing Energy Needs for Vulnerable Communities									
5.12.1 Solidarity Solar Programme	●	●	●	●					●
5.12.2 Energy Inclusion Programme	●	●	●						●
5.12.3 A2E Fund – Access to Energy			●			●			●
5.12.4 EDP Solidarity Energy Fund	●	●	●						●

¹Europe: products and services commercialised by EDP Comercial B2B – Europe, operating through Client Solutions Europe and Client Solutions Europe CG (Italy, Poland, France, Germany, Romania, Greece)

²USA: products and services commercialised by Client Solutions North America DG (distributed solar generation and B2B commercial services)

³Africa: programmes operated through EDP Social Foundations (Social Foundations programme, Section 5.12). These are not within the commercial Client Solutions perimeter defined in the Scope section; they are reported here for completeness of the Group's sustainable product and service impact

5.1. Energy Analysis and Audits

5.1.1. Energy Audits

EU Taxonomy: 7.3 – Installation, maintenance and repair of energy efficiency equipment

On-site and remote energy audits to identify consumption inefficiencies and define improvement roadmaps. In 2025, a total of 7 audits were conducted in Portugal and 3 in Spain.

→ Remote auditing launched in Spain (B2B) to accelerate penetration

Geography & Segment

Portugal – B2B
Spain – B2B

5.1.2. Energy Certification

EU Taxonomy: 7.3 – Installation, maintenance and repair of energy efficiency equipment / 7.7 – Acquisition and ownership of buildings

Energy Performance Certificates (EPCs) – mandatory when buying/selling real estate. EDP is the market reference in Portugal since 2012. Gas certification services also provided (legally required every 5 or 10 years).

→ **B2C:** 50,000 Gas Certification Services in 2025

→ **B2B:** 41 Gas Certification Services in 2025

→ ~80% of gas certifications provided free to EDP Packs clients

Geography & Segment

Portugal – B2C & B2B

5.1.3. Improvement in Power Quality

EU Taxonomy: 7.3 – Installation, maintenance and repair of energy efficiency equipment

EDP identifies energy supply anomalies and proposes alternatives for better service quality aligned with productive processes. EDP also acts as legal advisor for supply quality incidents.

Geography & Segment

Spain – B2B

5.2. Project Design and Implementation

5.2.1. Efficient Lighting (LED)

EU Taxonomy: 7.3 – Installation, maintenance and repair of energy efficiency equipment

EDP Comercial designs and implements efficient LED lighting solutions for companies, guaranteeing cost reduction while maintaining required luminous comfort levels. Includes project design, installation and maintenance.

Geography & Segment

Portugal – B2B
Spain – B2B

5.2.2. Advisory Energy Service

EU Taxonomy: 7.3 – Installation, maintenance and repair of energy efficiency equipment

EDP acts as energy advisor for industrial and commercial clients. On-site study is performed to understand process requirements and maximise energy efficiency.

Areas covered: lighting, motors, variable speed drives, HVAC, heating/cooling. A detailed report and implementation assistance are provided.

→ 17 Projects contracted in Portugal during 2025

Geography & Segment

Portugal – B2B
Spain – B2B

5.2.3. B.O.T. – Build, Operate and Transfer

EU Taxonomy: 7.3 – Installation, maintenance and repair of energy efficiency equipment / 7.6 Installation, maintenance and repair of renewable energy technologies

Full-service design, operation and maintenance of energy efficiency and renewable measures to achieve contractually defined final energy use targets. EDP assumes full project ownership during the operation period.

Geography & Segment

Portugal – B2B
Spain – B2B

5.3. Energy Management Systems

5.3.1. Consumption Management – Energy Management System

EU Taxonomy: 7.3 – Installation, maintenance and repair of energy efficiency equipment / 8.2. Data-driven solutions for GHG emissions reductions

<p>In-house developed energy management system that simplifies energy management for Industry and Commerce/Services.</p>	<p>Geography & Segment</p> <p>Portugal – B2B Spain – B2B Brazil – B2B (EMS)</p>
<p>Three service levels: (1) Light (electricity main meter), (2) Standard (real-time multi-energy: electricity, gas, water + benchmarking), (3) Premium (customised with advanced forecasting, tariff simulation and personalised alerts).</p>	
<p>Equivalent system EMS (Energy Management System) available in Brazil, with solutions applied to steam plants and Shopping Vitória, using supervisory monitoring and energy performance indicators to optimize operations and improve energy efficiency.</p>	
<p>In addition to the solutions already implemented, in Brazil a new product is being developed (“Optimization Report”) based on energy consumption and billing data analysis, aimed at supporting clients in reducing costs, improving energy efficiency, and mitigating GHG emissions.</p>	
<p>→ Online real-time access: electricity, gas and water consumption</p> <p>→ Historical analysis, consumption trends and international benchmarking</p>	

5.3.2. TRE (Designated Facility Energy Manager)

EU Taxonomy: 7.3 – Installation, maintenance and repair of energy efficiency equipment

<p>EDP Comercial makes available a dedicated Operational Technician (TRE – Designated Facility Energy Manager) responsible for facility management, energy optimisation and decision-making, ensuring proper functioning and energy efficiency of B2B clients' installations.</p>	<p>Geography & Segment</p> <p>Portugal – B2B</p>
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5.4. Maintenance, Operation and Circular Economy

5.4.1. EDP Packs – Technical Assistance & Appliance Lifespan Extension

EU Taxonomy: 7.3 – Installation, maintenance and repair of energy efficiency equipment / 7.7 – Acquisition and ownership of buildings

<p>Value-added service providing technical assistance to main kitchen appliances and urgent repair services, contributing to safety, savings and customer comfort. Annual safety inspection for gas and electricity installations. ~80% of gas certifications (50k/year) provided free to EDP Packs clients.</p>	<p>Geography & Segment</p> <p>Portugal – B2C & SME</p>
<p>→ 50,000+ technical assistance services performed in 2025</p>	
<p>→ Extension of lifespan of home equipment – circular economy application</p>	

5.4.2. Integra – Maintenance Services

EU Taxonomy: 7.3 – Installation, maintenance and repair of energy efficiency equipment

<p>Comprehensive maintenance service for B2B clients, acting as a consultant under energy performance maintenance contracts, covering both energy efficiency measures and facility management.</p>	<p>Geography & Segment</p> <p>Spain – B2B</p>
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5.5. Energy Equipment Supply

5.5.1. PPEC – Plan for Promoting Efficiency in Electricity Consumption

EU Taxonomy: 7.3 – Installation, maintenance and repair of energy efficiency equipment

EDP has participated in the national PPEC programme (ERSE) since 2007, contributing to tangible measures (variable speed drives, high-efficiency motors, LED/CFL) and intangible measures (awareness, education). Approved measures in 2022 include solar storage for industry/agriculture/commerce and the interactive 'Carbon Footprint' awareness game.

Geography & Segment

Portugal – B2C & B2B

5.5.2. Green Electricity – 100% Renewable Tariffs

EU Taxonomy: No currently eligible activity – regulatory gap

Taxonomy classification note: The retail supply of electricity from renewable sources is not yet a defined eligible EU Taxonomy activity. The underlying generation assets are reported at Group level as aligned activities: 4.1 Solar €446m; 4.3 Wind €1,732m; 4.5 Hydro €578m (IAR 2025). EDP Comercial's commercialisation of this electricity does not inherit those codes – retail supply is a separate economic activity not yet covered by the Taxonomy.

EDP offers electricity supply 100% from renewable sources, certified via Guarantees of Origin. In 2024, EDP also introduced a dynamic electricity pricing offer (indexed to hourly market prices), enabling customers to optimise consumption during lower-price periods – with smart home integration for automated appliances and EV charging.

→ 1,250,666 B2C and 7,777 B2B customers with 100% renewable electricity (Portugal FY2025)

→ 2,988 GWh consumed by B2C and 778 GWh by B2B (Portugal FY2025)

→ 41% of EDP's total residential electricity clients on green tariff (Portugal FY2025)

→ 1,597 GWh certified green electricity (Guarantees of Origin, Spain, FY2025)

Geography & Segment

Portugal – B2C & B2B
Spain – B2C & B2B

5.5.3. Efficient Lighting (LED)

EU Taxonomy: 7.3 – Installation, maintenance and repair of energy efficiency equipment

LED lighting solutions for residential customers and small/medium enterprises.

Geography & Segment

Two service options: replacement of individual bulbs or full lighting system replacement. Cost reduction guaranteed with maintained luminous comfort.

Portugal – B2C & B2B
Spain – B2C & B2B

5.5.4. Voltage Level Increase

EU Taxonomy: 7.3 – Installation, maintenance and repair of energy efficiency equipment

EDP offers installation of voltage transformation stations and connection to existing electric facilities, enabling customers to access appropriate electricity supply in line with their energy needs – an enabling service for industrial electrification.

Geography & Segment

Portugal – B2B
Spain – B2B

5.6. Digital Energy Services and Monitoring

5.6.1. EDP App/Re:dy – Smart Solar Monitoring

EU Taxonomy: 7.6 Installation, maintenance and repair of renewable energy technologies / 8.2. Data-driven solutions for GHG emissions reductions

Domestic electricity consumption monitoring and active energy management service, first launched in 2013. Now the default B2C Portuguese solar monitoring solution bundled with every EDP Comercial solar panel sale.

Geography & Segment

Features: solar production monitoring, self-consumption and savings tracking, grid consumption/injection management, alerts and tips for performance improvement and Energy Management System for solar-plus-storage (battery optimization algorithm).

Portugal – B2C (default solar monitoring platform)

→ 110,000+ customers using EDPApp/Re:dy service (end 2025)

→ 3,000+ residential solar-plus-storage installations with smart battery management (end-2025)

5.6.2. Casa Eficiente – Digital Energy Efficiency Platform

EU Taxonomy: 7.3 – Installation, maintenance and repair of energy efficiency equipment / 8.2. Data-driven solutions for GHG emissions reductions

Dedicated section on EDP's Client Solutions website launched in 2023, providing educational content on energy consumption patterns and practical tips to reduce daily consumption. For registered customers there are more personalized features such as energy consumption breakdown by equipment, peers comparison and tools for calculating savings from investments (solar panels, insulation, appliance replacement). Promoted across digital (website, app, email) and traditional channels.

→ ~400,000 page views in 2025

Geography & Segment

Portugal – B2C & general public

5.6.3. Digital Energy Services Suit

EU Taxonomy: 7.3 – Installation, maintenance and repair of energy efficiency equipment / 8.2. Data-driven solutions for GHG emissions reductions

Set of B2B energy efficiency services: Power Factor Correction (battery rental for reactive energy management), Thermal/Heat Recovery systems, Variable Speed Drives, Solar Hot Water Production, Public Lighting (LED) – delivered across multiple geographies.

Geography & Segment

Portugal – B2B
Spain – B2B
Brazil – B2B

5.7. Integrated Energy Services

5.7.1. Cuota Ahorro (Spain)/Efficient (Brazil) – Save to Compete

EU Taxonomy: 7.3 – Installation, maintenance and repair of energy efficiency equipment / 7.6 Installation, maintenance and repair of renewable energy technologies

EDP conducts a complete facilities assessment, implements energy efficiency projects and invests in customers' facilities. A portion of the generated energy savings is used to repay EDP's investment – a fully risk-free model for the client (Energy Performance Contracting).

In Brazil, Customer Solutions (CS) B2B area has experience in integrated energy services through contracts and initiatives previously developed in the Brazilian market, including solutions focused on energy efficiency and energy consumption optimization. The area's activities include operational support and technical monitoring of implemented projects,

Geography & Segment

Spain – B2B
Brazil – B2B

5.7.2. PEE – Energy Efficiency Programme

EU Taxonomy: 7.3 – Installation, maintenance and repair of energy efficiency equipment

Mandatory programme under ANEEL regulation: EDP Brasil distributors allocate 0.4% of net operating revenue annually to energy efficiency initiatives for distribution customers.

→ BRL-29,50m invested in Energy efficiency projects focused on lighting replacement, HVAC systems, refrigeration, photovoltaic panel installation, and educational initiatives.

→ 4.25 GWh/year of energy savings in São Paulo; 4.88 GWh/year in Espírito Santo

→ 419.22 tCO₂ of avoided emissions

Geography & Segment

Brazil – B2C & B2B (regulated market)

5.8. Distributed Solar Generation

5.8.1. Solar Self-Consumption (B2C)

EU Taxonomy: 7.6 Installation, maintenance and repair of renewable energy technologies

EDP Comercial residential solar offer with additional services: solar check-up and cleaning, extended guarantees, payment terms up to 8 years. **EDP Solar customers receive:** 10% discount on grid electricity, Re:dy solar monitoring service, Solar surplus compensation (remuneration for energy injected into grid), Smart Battery Management (overnight charging at competitive rates).

→ 19,400 solar installations in 2025 (~70% 'premium' monocrystalline panels)

→ 3,000+ solar storage installations (accelerated growth in 2025)

→ ~70% B2C solar market share

→ Cross-functional improvement across all customer experience indicators, driven by a strong investment in process optimization, competitive SLAs and proactive communications (eg. C-SAT score 47 EoY)

Geography & Segment

Portugal – B2C

5.8.2. Solar Self-Consumption (B2B)

EU Taxonomy: 7.6 Installation, maintenance and repair of renewable energy technologies

EDP Comercial offers integrated solar solutions for businesses including on-site PPA, Energy-as-a-Service (EDP funds, installs and maintains), and long-term solar contracts.

Key partnerships: Somincor (largest self-consumption solar plant ever built in Portugal – 50 MWp (see image bellow)) and EDIA (21 MWp)

→ 60 MWp contracted B2B Portugal in 2025

→ 30 MWp self-consumption projects executed Spain B2B 2025

→ Total > 220 MWp Solar DG contracted B2B across Europe 2025

Geography & Segment

Portugal – B2B
Spain – B2B



Image: Portugal's largest self-consumption solar plant, developed in partnership with Somincor.

5.8.3. Energy Communities – Collective Self-Consumption

EU Taxonomy: 7.6 Installation, maintenance and repair of renewable energy technologies

Collective self-consumption models allowing consumers to produce and share solar energy, regulated under national legislation, built on principles of equitable access.

Flagship projects: Boson (17 MWp)

→ 31 MWp contracted B2B Portugal in 2025

Geography & Segment

Portugal – B2C & B2B
Spain – B2B
and Communities

5.8.4. Distributed Solar Generation

EU Taxonomy: 7.6 Installation, maintenance and repair of renewable energy technologies

Four models: (1) Local self-consumption (rooftop, same site), (2) Remote self-consumption (plant in concession area), (3) Shared Remote Generation (consolidated since 2022, Law 14,300 – shared among multiple consumers, no initial investment required, 10–15% discount off retail tariff), (4) Large-customer PPA (non-regulated market, long-term contracts, plant development by EDP).

→ 256.7 MWp distributed solar installed capacity end 2025 (+8.3% vs 2024)

→ Shared Generation expanded to 10+ Brazilian states

→ 670.4 MW Solar Utility Scale (Monte Verde + Novo Oriente + Pereira Barreto) in 2025

→ 6% of EDP total South America generation from solar DG in 2025

Geography & Segment

Brazil – B2C & B2B

5.9. Electric Mobility Services

5.9.1. Public EV Charging – CEME Programme

EU Taxonomy: 7.4. Installation, maintenance and repair of charging stations for electric vehicles in buildings

Market leader in Portugal's CEME (electric mobility energy commercialisation) segment. Uniform pricing (same price regardless of time/location), 100% green energy, EDP Charge App with CEME card integration.

Partnerships: 260+ location partnerships across 230+ Portuguese municipalities (>70% national coverage). Aldi (650+ charging points, 140+ stores by 2027) and Mobi.e (190 points, 45 municipalities) included.

→ ~160,000 CEME cards issued in 2025

→ 36.76 GWh charged by 2025 in public charging (+30% vs 2024)

→ ~1.4 million charging sessions in 2025

→ 8,46 GWh public network energy charged in 2025 (57m km equivalent)

→ +25% growth in charging points in operation in 2025

→ Market leader as Charge Point Operator (CPO) segment Portugal (end 2025)

Spain – public network (2025): 1,100+ public charging points installed, 215 of them in 2025 (pipeline of future locations); 100,000+ charging sessions; ~1.6 GWh delivered, equivalent to 10.6 million km driven.

Regulatory context: in 2025 Portugal approved a new legal regime for electric mobility aligned with the EU AFIR Regulation, promoting market liberalisation, enabling direct payments at charging points and progressively replacing the centralised Mobi.E model, with a transition period to end-2026.

Industry engagement: active participation in ChargeUp Europe, Eurelectric, APOCME and APVE; signatory of the EV100 initiative (own-fleet electrification commitment).

Geography & Segment

Portugal – B2C & B2B

Spain – B2B

5.9.2. Private EV Charging – Home, Condominium & Corporate Fleet

EU Taxonomy: 7.4. Installation, maintenance and repair of charging stations for electric vehicles in buildings

Comprehensive private charging solutions: home charging with smart charging and automatic payment, condominium dynamic load balancing (GreenFlux platform), corporate fleet solution (EDP Charge Frota – fleet management portal, home reimbursement, consumption analytics). Budget generator tool enabling instant proposals without site survey, reducing sales funnel.

→ Fleet CTT partnership (flagship): largest private charging network in Portugal, deployed across warehouses, stores and distribution centres, with smart charging and continuous monitoring through EDP's digital platform

→ Football club: 60 charging points at 3 locations with EDP Smart Charging

→ Spain: 85 private charging contracted in 2025, ~1000 since the beginning of the activity.

Geography & Segment

Portugal – B2C & B2B

Spain – B2B



Image: Public-access electric vehicle charging solution installed at a commercial partner's premises, expanding convenient charging options for drivers and supporting the transition to more sustainable mobility.

5.9.3. EDP Charge Digital Ecosystem (App + Portals)

EU Taxonomy: 7.4. Installation, maintenance and repair of charging stations for electric vehicles in buildings / 8.2. Data-driven solutions for GHG emissions reductions



Unified digital platform: EDP Charge mobile app (iOS/Android) for public charging, CEME card integration, home reimbursement. B2B web portal for fleet managers (charger management, consumption analysis, cost allocation). EDP Charge Frota corporate fleet solution. Smart charging with automated configuration software (reduced cost + installation speed).

→ In 2025, EDP completed the migration of its public charging infrastructure to the GreenFlux management platform, improving operational performance and charging-service management.

Geography & Segment

Portugal – B2C & B2B
Spain – B2B

Image: EDP Charge digital ecosystem, enabling users to manage electric vehicle charging through integrated app and portal solutions.

5.9.4. EV Ultra-Fast Charging – Brazil Highway Corridors

EU Taxonomy: 7.4. Installation, maintenance and repair of charging stations for electric vehicles in buildings

Strategic ultra-fast charging network covering full state of São Paulo and connecting main EV corridors (initiated 2022, completed end 2024). 100% renewable energy supplied through free energy market transactions.

→ 18 ultra-fast charging points installed under the ANEEL R&D programme (completed 2024)

→ BRL ~32m investment (ANEEL R&D programme)

→ +67% increase in renewable energy consumed by the charging network vs. 2023

→ Note: Following completion of the R&D project, 5 charging points remain in active commercial operation. 13 points were decommissioned at the request of the site operator (Rede Graal), which has since launched its own proprietary charging network (EletroGraal). The R&D programme objectives – network deployment, technology validation and renewable energy integration – were fully achieved within the project scope.

Geography & Segment

Brazil – B2C & B2B

5.10. Energy Storage and Flexibility

5.10.1. Residential Solar-Plus-Storage

EU Taxonomy: 7.6 Installation, maintenance and repair of renewable energy technologies

Ownership and Taxonomy classification note: The 3,000+ residential storage installations reported here are customer-owned assets, with EDP acting as the installer and service provider. They are correctly classified under EU Taxonomy Activity 7.6 (Installation, maintenance and repair of renewable energy technologies) and do not contribute to Group-level Activity 4.10 (Storage of electricity), which applies exclusively to EDP-owned storage assets reported separately at Group level in IAR 2025 EU Taxonomy KPI tables. There is no double-counting between this catalogue and the IAR 2025 Activity 4.10 disclosures.

Integrated solar and battery storage solution with Energy Management System (EMS) algorithm that coordinates battery capacity with customer consumption habits.

Smart Battery Management feature: overnight charging at competitive rates to cover morning consumption before solar production begins. Customers can reduce grid consumption by up to 70%.

→ 3,000+ residential storage installations (FY2025, accelerated growth and 5% attachment rate)

Geography & Segment

Portugal – B2C
Spain – B2C

5.10.2. Energy Storage Solution

EU Taxonomy: 7.6 Installation, maintenance and repair of renewable energy technologies. Note: Battery storage systems are classified under 7.6 in their capacity as enabling technologies for the integration of renewable energy, consistent with Article 10 of Regulation (EU) 2020/852. Activity 4.10 (Storage of electricity) applies to Group-owned storage assets reported separately in the IAR

Commercial and industrial battery storage solutions enabling peak shaving, demand flexibility and grid services. Client Solutions integrating storage with solar DG for industrial decarbonisation as the one installed for Bondalti de 12MWh. Growing European and American presence.

→ 4 MWh installed (B2B) for 48 clients in 2025

→ 640 MWh pipeline under development (mainly Europe)

Geography & Segment

Portugal – B2B
Spain – B2B
Italy, Poland, France, Germany – B2B
Brazil – B2B
USA – B2B

5.11. Smart Grids and Network-Enabled Sustainable Services

Perimeter declaration – The smart-grid and smart-metering programmes described in sub-sections 5.11.1 and 5.11.2 are operated by EDP's regulated network entities — E-REDES (Portugal), EDP Redes España (Spain), EDP São Paulo and EDP Espírito Santo (Brazil). These entities sit outside the Client Solutions perimeter defined in the Scope section and their financial output is reported at Group level under EU Taxonomy Activity 4.9 (Transmission and distribution of electricity), with separate independent limited assurance, in the IAR 2025 EU Taxonomy KPI tables.

Why these programmes are documented in this report – The smart-grid layer is the enabling backbone for several Client Solutions products described elsewhere in this catalogue: it provides the metering and data infrastructure that supports demand-side management offers (Section 5.6), the connection and dispatch capability that supports distributed solar generation (Section 5.8), and the grid-management capability that supports public EV charging integration (Section 5.9). Documenting the smart-grid programmes' scope, deployment status and KPIs in this report is therefore necessary for completeness of the Client Solutions value chain — but the underlying investment, revenues and asset ownership remain with the regulated network entities and are not attributed to the Client Solutions perimeter.

Disclosure rule applied to sub-sections 5.11.1 and 5.11.2. – Each sub-section is tagged with the implementing network entity in the Geography & Segment column. KPIs reported (smart meters installed, coverage rates, R&D project outcomes) are operational metrics of the network entities — they are not financial KPIs of EDP Group, of Client Solutions or of any single business segment. For Group-level Taxonomy-aligned financial KPIs relating to Networks (Activity 4.9), see IAR 2025 chapter 1.6 Distribution Networks and IAR 2025 Annexes EU Taxonomy KPI tables.

5.11.1. Smart Meter Programme

EU Taxonomy: 7.3 – Installation, maintenance and repair of energy efficiency equipment / 8.2. Data-driven solutions for GHG emissions reductions

<p>Full smart meter deployment enabling remote metering, real-time consumption monitoring, automated contract changes, integration of distributed generation and EV charging management. Advanced grid automation: 100% smart meters in Spain, 100% smart meters in Portugal with near 100% remote operation.</p>	<p>Geography & Segment</p> <p>Portugal — Regulated Networks (E-REDES) Spain — Regulated Networks (EDP Redes España)</p>
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<p>→ 8.08m smart meters installed in Iberia (Portugal: 6.683m; Spain: 1.395m); plus 0.713m in Brazil — Group total: 8.79m cumulative (end-2025)</p> <p>→ 100% secondary substations and public lighting circuits remotely metered (Portugal)</p> <p>→ E-REDES achieved 100% LV smart meter coverage in Portugal by end-2025; EDP Redes España commenced next-generation meter deployment in 2025; EDP Brasil operating under Brazil's national 10-year smart-metering programme (Ministry of Mines and Energy Order 111, July 2025).</p>	<p>Geography & Segment</p> <p>Brazil — Regulated Networks (EDP São Paulo / EDP Espírito Santo)</p>
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Perimeter and reporting boundary: the 8.79m cumulative smart meters and the deployment KPIs reported above are operational metrics of EDP's regulated network entities (E-REDES, EDP Redes España, EDP São Paulo, EDP Espírito Santo). Capital expenditure and asset ownership are accounted for at Group level under EU Taxonomy Activity 4.9 (IAR 2025 chapter 1.6 Distribution Networks). This sub-section is included in the SP&S Programme 2025 because the smart-meter layer is the enabling infrastructure for Client Solutions demand-side management, distributed generation and EV charging products described in Sections 5.6, 5.8 and 5.9.

5.11.2. InovGrid / Smart Grid Innovation Programme

EU Taxonomy: 7.3 – Installation, maintenance and repair of energy efficiency equipment / 8.2. Data-driven solutions for GHG emissions reductions

<p>E-REDES implemented the project SmartGrid Fusion, which consisted in the migration to the cloud of core support systems for grid management and operation, thus ensuring the efficiency and reliability of the National Electrical System. Likewise, 2025 for EDP Redes España was marked by the consolidation of key projects for the digitisation and modernisation of the network, strengthening our role as critical infrastructure and our increasingly demanding positioning in terms of quality, transparency and reliability. Progress in integrating advanced distribution management systems (ADMS), expanding automation in medium and low voltage, deploying advanced monitoring solutions and condition-based maintenance, and continuing to strengthen digital and cybersecurity capabilities has directly contributed to improving anticipation, speed of response and operational safety.</p>	<p>Geography & Segment</p> <p>Portugal — B2C & B2B (E-REDES) Spain — B2C & B2B (EDP Redes España) and Residential</p>
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Perimeter and reporting boundary: the SmartGrid Fusion migration, ADMS deployment by EDP Redes España, automation and condition-based maintenance projects described above are R&D and digitisation investments of EDP's regulated network entities (E-REDES, EDP Redes España). They are reported at Group level under EU Taxonomy Activity 4.9 and in IAR 2025 chapter 1.6 Distribution Networks. EURELECTRIC and European R&D consortium participation is led by EDP Networks (the Group's regulated networks platform) and reported as such in IAR 2025 chapter 4.1 Business Conduct (Memberships and partnerships).

5.12. Addressing Energy Needs for Vulnerable Communities— Social Programmes

Classification note: The programmes described in sub-sections 5.12.1 and 5.12.2 are social investment programmes — not commercial products sold by Client Solutions entities. They are funded under EDP's Social Investment framework and managed in coordination with the EDP Foundation (FEDP) and local subsidiaries. The primary public disclosure of these programmes — including governance, total social investment amounts and impact KPIs (people impacted, households served, geographic coverage) — is the [EDP Social Investment Report 2025](#) and [IAR 2025](#), Sustainability Statement, chapter 3.3 Local Communities. They are presented here for catalogue completeness because they materially expand accessibility to clean and energy-efficient solutions among low-income and vulnerable groups, supporting the affordability and access dimensions of EDP's sustainable products portfolio (CSA 3.7).



Image: Access to Energy Fund, Kakuma Refugee Camp, Kenya.

5.12.1. Solidarity Solar Programme

EU Taxonomy: 7.6 Installation, maintenance and repair of renewable energy technologies

Solidarity Solar promotes the installation of solar photovoltaic systems in social organisations, emergency facilities, and vulnerable households, combining clean energy generation with awareness-raising actions on efficient energy use. It enables a significant reduction in electricity costs, freeing up financial resources for the social mission of organisations and improving comfort and energy security for supported families. In 2025:

→ 720+ solar panels implemented

→ 6,080+ people impacted

Geography & Segment

Portugal | Spain | Brazil | Poland – Social organisations & Low-income households

5.12.2. Energy Inclusion (Green Home) Programme

EU Taxonomy: 7.3 – Installation, maintenance and repair of energy efficiency equipment / 7.7 – Acquisition and ownership of buildings

This programme delivers structural home interventions for vulnerable families living near EDP assets, enhancing energy efficiency, electrical safety, and thermal comfort. These range from minor improvements to comprehensive upgrades, including full electrical system renovations, and are complemented by awareness-raising actions, promoting efficient energy use practices and strengthening families' autonomy. In 2025:

→ 130 homes retrofitted

→ 453 people impacted

Geography & Segment

Brazil | Portugal | Spain – Social organisations & Low-income households

5.12.3. A2E Fund — Access to Energy

EU Taxonomy: 7.6 Installation, maintenance and repair of renewable energy technologies

EDP-funded programme supporting sustainable clean energy projects (education, health, water, community and small businesses) in countries with low electrification rates. Seven editions, €1m annual budget (doubled in 4th edition). In 2025:

→ 219 applications received; 9 projects selected

→ 5.9 + million people impacted

Geography & Segment

Mozambique | Malawi | Nigeria | Kenya | Brazil – Communities with low electrification rates

5.12.4 EDP Solidarity Energy Fund

EU Taxonomy: 7.3 – Installation, maintenance and repair of energy efficiency equipment (social)

This Programme, run by EDP Foundations in Portugal, Spain, and Brazil, supports social projects contributing to a just energy transition. It funds initiatives in energy literacy and efficiency, renewables, sustainable mobility, natural heritage, circular economy, climate action, and training and education, combining support for existing responses with innovative local solutions. In 2025:

→ 280 applications received; Projects will be announced in 2026

→ 17,500 + people impacted

Geography & Segment

Portugal | Spain | Brazil –
Social organisations &
vulnerable communities

Part III. Sustainable Revenues – Group-level Taxonomy KPI

1. Sustainable Revenues

Sustainable revenues are defined as EU Taxonomy-aligned Turnover, as disclosed in [EDP's Integrated Annual Report 2025](#) (Annexes, EU Taxonomy KPIs) and EU Taxonomy Omnibus templates, subject to independent limited assurance by PricewaterhouseCoopers & Associados, SROC, Lda. **Classification basis:** EU Taxonomy Regulation (EU) 2020/852, Article 8. EE services revenues and supplementary energy services revenues are disclosed as sub-components for additional transparency, sourced from IAR 2025 Annexes (Sustainable Finance section).

Scope of the KPI presented below – Group-level Taxonomy-aligned revenues

The "% Sustainable Revenues KPI" in the table below is calculated at the EDP Group level (Taxonomy-aligned Turnover ÷ Total Group Turnover) and is consistent with the figures disclosed in [IAR 2025](#) EU Taxonomy KPI tables, subject to independent limited assurance. This Group-level KPI is reproduced here for completeness and benchmarking, but it differs in perimeter from the Client Solutions catalogue described in Sections 5.1–5.12: it includes Group-aligned revenues from regulated networks (4.9), Group-owned storage and generation activities (4.1, 4.3, 4.5, 4.10) and other aligned activities, in addition to the Client Solutions activities (7.4, 7.6).

Reporting infrastructure gap (also disclosed in Section 1):

EDP does not yet have an operational financial reporting system capable of disaggregating Client Solutions-specific Taxonomy-aligned revenues from the Group-level Turnover. Activities 7.3 (energy efficiency equipment installation), 7.7 (building renovation) and 8.2 (data processing and hosting) – performed by Client Solutions entities – are consolidated within the €8,987m "Other non-eligible" line in IAR 2025. EDP is evaluating reporting system enhancements that could enable disaggregation of Client Solutions-specific revenues in future reporting cycles.

Category Product	2022	2023	2024	2025
EU Taxonomy-aligned Turnover – EDP Group	€6,535m	€6,960m	€6,770m	€6,067m
Total revenues – EDP Group	€20,651m	€16,202m	€14,966m	€15,607m
% Sustainable revenues (Taxonomy-aligned)	32%	43%	45%	39%

[FY 2023: EU Taxonomy Regulation and KPIs under article 8 of EU Taxonomy](#)

The share of Taxonomy-aligned Turnover rose from 32% (FY2022) to a peak of 45% (FY2024), before declining 38.9% (FY2025). The FY2025 reduction reflects two combined effects: (1) a fall in Taxonomy-aligned Turnover of approximately €704m (–10.4% vs FY2024, €6,770m → €6,067m), primarily from lower renewable generation volumes – linked to the +149% increase in CCGT/FlexGen generation in Iberia following the 28 April 2025 Iberian blackout; and (2) an increase in total Group Turnover (€14,966m → €15,607m, +4.3%), which raised the denominator. The trajectory vs. the SBTi-validated decarbonisation pathway remains on track. CapEx alignment remains above 92.9%, consistent with the >98% by 2028 target.

Part IV. Group Internal Operations Management Programmes

1. Internal Operations Management Programmes

The programmes documented in Sections 7.1, 7.2 and 7.3 apply across the EDP Group, including business platforms outside the Client Solutions perimeter defined in this report's Scope section (notably EDP Produção, EDPR, E-REDES, EDP Redes España and EDP Generación). Evidence and KPIs reported below identify the implementing entity wherever applicable. Group-level performance against EDP's environmental targets — including Scope 1+2 emissions, water withdrawal and waste recovery — is independently assured and disclosed in IAR 2025 Sustainability Statement chapter 2.1 Climate Change, chapter 2.2 Nature and Resource Management, and Annexes chapter 1.1 Other Indicators (Environmental sub-tables).

1.1. Energy Management Programme – Internal Operations

EDP Group has implemented a comprehensive internal energy management programme governed by ISO 14001:2015 certified Environmental Management Systems (EMS) across all business platforms. ISO 14001 audits are conducted annually; dedicated energy efficiency audits are carried out every four years per EU Directive 2012/27/EU.

Programme Element	Evidence – FY2025
Energy audits to identify opportunities for improving energy performance	<p>EDP España: Energy audit covering 86.5% of total energy consumption (3 main offices + fleet). First audit 2020; updated 2024/2025 (next audit in 2028). ISO 14064-03:2019 external verification EDP Generación (audit 2025 already closed) and EDP Comercial (audit 2025 on track).</p> <p>EDP Produção: Energy efficiency audits by independent auditors every 4 years (Decree-Law 68-A/2015). Most recent: 2023 — 45 power plants audited (next audit in 2027)</p> <p>EDP Networks (PT+ES): Annual ISO 14001 audits + carbon footprint external verification (ISO 14064-03:2019) covering 100% of EDP Redes España, 17 work centres.</p>

Programme Element	Evidence – FY2025
Quantified targets to address energy savings	<p>EDP Comercial (Spain): –30% energy consumption vs. 2016 baseline (Agora renovation). Exceeded by end 2024 (>38% achieved). FY2025 pending of audit 2025.</p> <p>EDP Redes España: –22% Scope 1+2 carbon footprint by 2025 vs. 2020; –42% by 2030. 2025 target fulfilled, and target 2030 at 76% end 2025.</p> <p>EDP Generación (Spain): –0.5% auxiliary services consumption hydro power plants in 2025 vs. 2015. Target fulfilled, achieved –8% by end 2025.</p> <p>EDP Group fleet: 100% electric light fleet by 2030; –70% CO₂ fleet emissions. 35% electrification rate in 2025 (vs. 32% in 2024) – IAR2025</p>
Actions to reduce the amount of energy use	<p>Buildings – LED + HVAC: Oviedo HQ full renovation (LED + centralised HVAC); Gijón-Roces LED lifecycle replacement; Santander LED + astronomical timer. Savings: Oviedo –2.1% (18,690 kWh/year), Gijón –2.3% (4,607 kWh/year).</p> <p>Ribatejo power plant: LED technology installed in turbine lighting of 3 generating groups.</p> <p>SF6 reduction (EDP Redes España): Early leak detection, sealing, and SF6-free equipment testing. 74% reduction in 2025 vs. 2020.</p> <p>Network losses: Operational measures and asset modifications to reduce carbon footprint. Scope 1+2 estimated –32% vs. 2020 (end 2025).</p> <p>Hydro assets – interior and exterior lighting: By the end of 2026, a total of 24 actions are planned across hydropower assets, comprising both lighting retrofitting interventions and replacement of existing interior and exterior lamps with LED technology. These measures aim to improve energy efficiency and reduce electricity consumption associated with lighting systems.</p>

Programme Element Evidence - FY2025

Evaluation of progress in reducing energy consumption

Buildings – LED + HVAC: Oviedo HQ full renovation (LED + centralised HVAC); Gijón-Roces LED lifecycle replacement; Santander LED + astronomical timer. Savings: Oviedo –2.1% (18,690 kWh/year), Gijón –2.3% (4,607 kWh/year).

Ribatejo power plant: LED technology installed in turbine lighting of 3 generating groups.

SF6 reduction (EDP Redes España): Early leak detection, sealing, and SF6-free equipment testing. 74% reduction in 2025 vs. 2020.

Network losses: Operational measures and asset modifications to reduce carbon footprint. Scope 1+2 estimated –32% vs. 2020 (end 2025).

Hydro assets – interior and exterior lighting:

By the end of 2026, a total of 24 actions are planned across hydropower assets, comprising both lighting retrofitting interventions and replacement of existing interior and exterior lamps with LED technology. These measures aim to improve energy efficiency and reduce electricity consumption associated with lighting systems.

Use of clean or green energy

On-site PV: 40 photovoltaic systems in operation across all EDP facilities (36 direct management + 4 third-party). Total installed capacity ~762 kW. PV programme active since 2015.

Solar Water Heating: ~1,905 solar panels installed across facilities (203 managed by third parties).

Green electricity procurement: 100% renewable electricity with Guarantees of Origin for all workplaces in Spain (EDP Redes España). Portugal roll-out under evaluation for 2026.

Alqueva Hybrid Park: Europe's largest floating solar on dam reservoir – 12,000 panels, 7.5 GWh/year. Integrated with hydropower and battery storage.

Pracana Hybrid Plant: large-scale solar-hydro hybrid system – 89,532 photovoltaic panels, 53.3 MWp, ~83.6 GWh/year. Integrated with the Pracana hydropower plant across ~78 ha.

Charneca das Lebres Hybrid Plant: solar-wind hybrid system – 25,920 photovoltaic panels, 15.3 MWp. Co-located with the Bordeira wind farm across ~11 ha.



Image: Alqueva Hybrid Park, floating solar generation integrated with hydropower and battery storage at a dam reservoir in Portugal.

Programme Element Evidence – FY2025

Investments in innovation / R&D to decrease energy consumption	<p>Note: Evidence exists but requires stronger explicit linkage to internal energy consumption reduction</p> <p>GRI / CNET R&D projects: INTERFACE (European grid architecture), XL-Connect (EV charging optimisation, 24 partners, 10 countries), EUniversal (H2020, flexibility services), InterConnect (smart home IoT, 7 European pilots), OneNet (TSO/DSO coordination).</p> <p>Energy storage R&D: Redox 2025 (250 kW/1.05 MWh vanadium battery, Soto de Ribera), Alqueva Park (floating solar + battery hybrid), residential battery pilot.</p> <p>Smart charging (internal fleet): GreenFlux Smart Charging Platform deployed in 5 E-REDES office buildings for dynamic EV load balancing integrated with building PV.</p>
Energy efficiency training provided to employees	<p>Sustainability KPIs for all employees since 2017: Performance management directly links individual objectives to energy and sustainability targets.</p> <p>Think With AI Programme: 7,800+ employees using AI tools for operational optimisation including energy management applications.</p> <p>Internal communication channels: Intranet, Viva Engage, EDP Storytellers and newsletters used to communicate energy efficiency best practices and progress. Energy Week volunteering programme linked to EE themes.</p> <p>Efficient driving courses (EDP España fleet): Road safety and eco-driving training implemented 2021–2022 in collaboration with RACE.</p> <p>HVAC usage habits awareness (EDP España buildings): Employees trained on rational HVAC use in Gijón-Roces building.</p> <p>Congresso de Inovação Tecnológica e Eficiência Energética do Setor Elétrico (CITEENEL) 2025: A team of EDP staff members played an active role in the conference (90 hours), exploring new ways to promote more efficient energy use.</p>

1.2. Waste Management Programme

EDP's waste management programme is governed by the Corporate Environmental Management System (SIGAC), certified by Lloyd's Register Quality Assurance according to ISO 14001:2015 since 2006. This system covers environmental policy, strategic plans and performance across all EDP Group organisations.

Programme Element Evidence – 2025

Waste audits to identify opportunities for improving waste performance	<p>ISO 14001:2015 EMS (SIGAC) provides the framework for continuous environmental performance improvement including waste. Annual ISO 14001 audits conducted across all business platforms and geographies serve as the primary mechanism for identifying waste management opportunities.</p> <p>AI-Driven Asset Management: Analytics4Assets project (E-REDES) uses AI for predictive asset management, enabling proactive identification of waste-generating failures and maintenance optimisation — indirect waste audit function.</p>
Action plans to reduce waste generation	<p>Repowering: Wind turbine life extension programmes reduce decommissioning waste.</p> <p>Porcelain insulator recycling (EDP Networks Brazil): Laboratory-validated process of crushing discarded porcelain insulators for use as fine aggregate in civil construction — full valorisation of a previously landfilled waste stream.</p> <p>Electric meter reuse (EDP Client Solutions Iberia): Recovery and redeployment of electricity meters from service terminations to new customer installations — extends equipment lifespan and reduces material consumption.</p> <p>Uniform textile recycling (EDP Networks Iberia + South America): Used workwear managed through specialised recycling centres, recovering textile fibres for reintroduction into production chains.</p> <p>Air-Core Reactors (EDP Networks Iberia): Replacement of oil-immersed shunt reactors with dry-type air-core reactors eliminates hazardous insulating oil waste. 38+ year service life, >99.9% reliability.</p>
Quantified targets to minimise waste	<p>Business Plan 2026–2028 target: >85% total waste recovery rate across all asset lifecycle stages (construction, operation, maintenance, dismantling). Quarterly and annual performance monitoring through standardised waste indicators across all business units with harmonised classification rules.</p> <p>Historical benchmark: ~90% waste recovery achieved during decommissioning of fuel oil plants (Carregado, Setúbal) and Sines coal plant (ongoing dismantlement).</p>

Programme Element Evidence – 2025

Investment in innovation / R&D to minimise waste

Solar panel recycling network (EDPR North America): 18+ qualified partners for solar panel recycling; 12+ partners for wind sector recycling and recovery (steel, blades, oils, composites).

Wind blade recycling (ongoing): Partnerships to develop commercial recycling routes for composite wind turbine blades — a growing waste stream for wind energy decommissioning.

Second-life battery applications: EDP actively pursuing secondary uses for EV and stationary batteries to extend product life before final disposal.

Waste reduction training provided to employees

Group-wide Circular Economy Training: EDP has implemented training sessions for all employees on the principles of the circular economy and current waste-related regulations. Sessions cover how EDP is meeting circular economy requirements and environmental standards.

E-Redondo: EDP's circular economy main project, which guarantees a holistic view of the circular economy in our business, remained active in 2025 with 3 sessions (PT, ES & BR) totalling 163 participants.

Circularity for a Regenerative Business: this initiative, promoting circularity in EDP was followed by more than 170 employees.

Waste reduction and management sessions: another 5 initiatives in different formats (awareness-raising, training and communication) totalled more than 900 hours

Integration of recycling programmes to reduce waste sent to landfill

→ 85% waste recovery target (BP 2026–2028), explicitly targets diversion from landfill. Licensed waste operators used to ensure material recycling and reintegration. EDP centralised equipment reuse database (Iberia) enables cross-location redistribution before disposal. Recycling partnerships cover solar panels, wind blades, oils, composite materials, steel, textiles.

→ 90% achieved in 2025.

— Waste diversion from landfill certified by independent accredited body

ISO 14001:2015 covers environmental management broadly including waste diversion, but specific independent certification of waste diversion rates has not been yet implemented.

1.3. Water Efficiency Management Programme

Water management is governed by EDP's Corporate Environmental Management System (ISO 14001:2015) and the ESRS E3 reporting framework. Water risk assessment uses the WRI Aqueduct and Water Risk Filter tools, updated every 2–3 years or whenever a new project requires it. Hydropower generation (28% of EDP's renewable portfolio) is the primary business segment with material water dependency.

Programme Element Evidence – 2025

Water use assessment to identify opportunities for water efficiency improvements

WRI Aqueduct + Water Risk Filter: High-level water stress assessment mapping all generation assets against Baseline Water Stress (BWS 40% threshold) at watershed level. Wind and distribution assets excluded (low water dependency).

Downscaling analysis: Local-level assessment for all power plants in water-stressed areas using National Governmental Agency data and company operational teams. Assessment updated every 2–3 years or per new project.

Environmental Impact Assessments (EIAs): In-depth water risk analysis conducted for all new investments, including climate scenario modelling for long-term hydro resource availability.

Actions to reduce water consumption

Los Barrios plant (Spain) in water – stressed area: Water-saving practices including reuse of wastewater from desulphurisation process (zero-discharge facility) and rainwater reuse for fire suppression systems.

Rainwater harvesting (EDPR Iberia + Europe + South America): Cisterns installed at wind farms and distribution substations to collect, store and reuse rainwater for maintenance activities (floor cleaning, offices, accommodation, irrigation).

Technology diversification: Structural reduction of water-related risk through increasing weight of wind and solar (low water dependency) vs. hydropower in regions exposed to long-term precipitation reduction.

Actions to improve wastewater quality

Compliance with pollutant emission limits defined in environmental licensing permits (national environmental authorities). Water pollutant monitoring conducted with frequency defined by permits.

Hydro plants monitor: thermal pollution, dissolved oxygen, pH, suspended solids, BOD, COD, organic pollutants. Los Barrios desulphurisation wastewater reuse (zero-discharge) – [Wastewater report 2025](#)

Programme Element Evidence – 2025

<p>Establishment of targets to reduce water use</p>	<p>No Group-level quantitative targets have been defined for water consumption, as water use is not considered a material risk for the Group's core business activities.</p> <p>However, water consumption and water-related risks are actively monitored at asset level, and specific management measures and quantitative targets have been established at Los Barrios power plant, as it is located in a water-stressed area and water-related risks are considered material at that site.</p> <p>In this context, the Group's approach focuses on implementing preventive and adaptive measures to mitigate the potential consequences of water scarcity, rather than setting reduction targets for operational water consumption where it is not material – Climate Adaptation and Resilience Report 2025.</p> <p>Outcomes of water risk assessments are integrated into investment planning, operational decision-making and resilience measures, ensuring that local water-related risks are adequately addressed.</p>
<p>Application of water recycling</p>	<p>As regards water recycling, here are some examples of projects implemented by EDP:</p> <ul style="list-style-type: none"> • Los Barrios: Desulphurisation wastewater reuse (zero-discharge). Rainwater reuse for fire suppression. • EDPR wind farms & Distribution networks: Rainwater harvesting cisterns – collected water reused for facility maintenance, cleaning and irrigation. • Equipment reuse database (Iberia): Contributes indirectly to reducing water use in manufacturing of new equipment.
<p>Awareness training provided to employees on water efficiency management programmes</p>	<p>Group-wide Circular Economy Training: IAR 2025 covers sustainable resource use including water, under the framework of EDP's Environmental Policy and ISO 14001 obligations. Employees are trained on principles of circular economy and current environmental regulations, which encompass water efficiency.</p> <p>External conferences: Through the participation of EDP staff in conferences such as 17º Congresso da Água, the aim is to optimise water resource management at EDP, with a total of over 120 hours of training accumulated.</p>



Image: Castelo de Bode dam, Portugal.



Sustainable Products & Services Programme