Iberdrola España

Factbook Spain 2025

Investor Relations

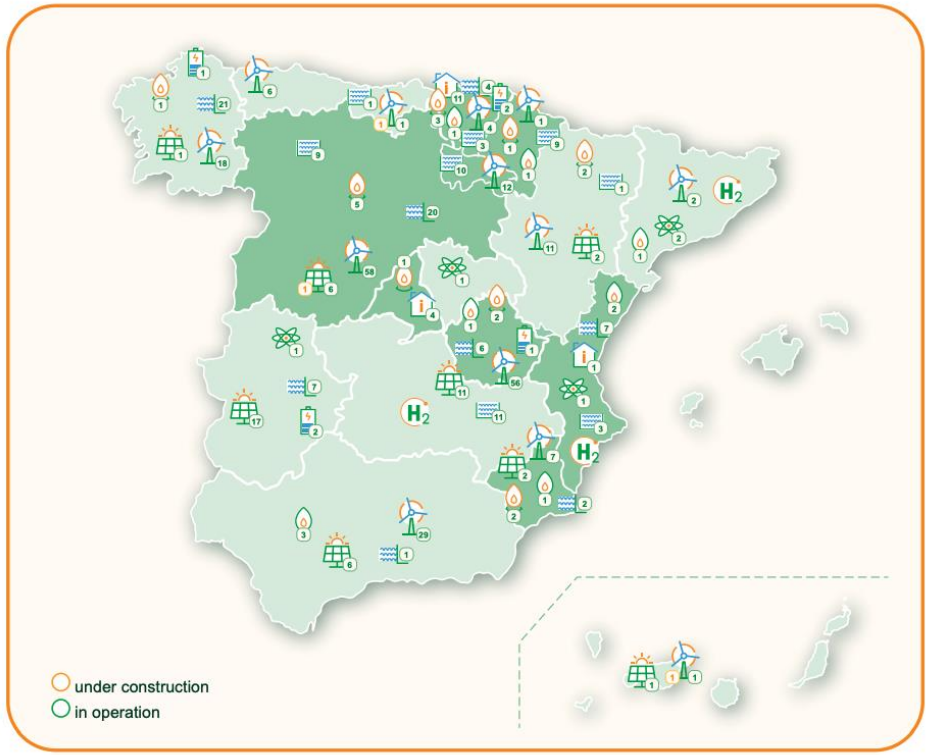
September 2025

Content

All figures as of December 2024, except otherwise stated. Differences may arise due to rounding

Iberdrola España

Leading energy company



Installed Capacity (MW)	31,772
Renewable Capacity (MW)	22,582
Net Production (GWh)	62,039
Distributed Energy (GWh)	89,060
Customers (M)(3)	11.2
Km of lines	266,913

206 Onshore wind 6,550 MW

46 Solar photovoltaic plants 4,937 MW

118 Hydroelectric plants (1) 11,057 MW

3 Green hydrogen

6 Batteries 39 MW

10 Combined cycle gas plants 5,695 MW

17 Cogeneration plants 318 MW

5 Nuclear power plants 3,177 MW

Projects under construction (2)

2 | 1 | 1

(1) The data on hydroelectric power plants include the Daivoes, Gouvaes and Alto Tâmega power plants in Portugal, although they visually appear on the Iberdrola Energía Internacional map
(2) Includes both projects under construction and projects with a positive decision to start construction (positive FID)
(3) Total number of electricity and gas customers.

Content

All figures as of December 2024, except otherwise stated. Differences may arise due to rounding

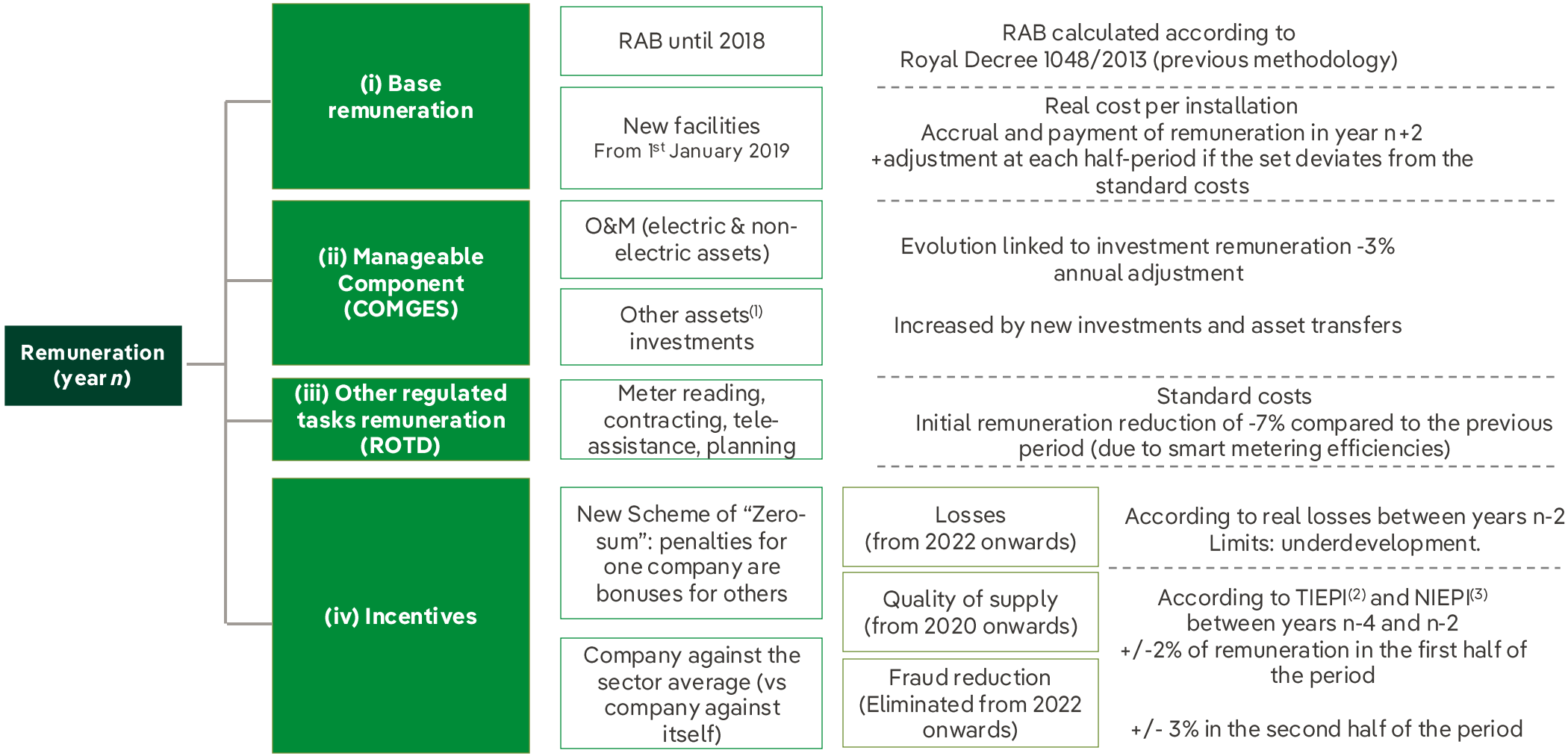
Iberdrola España: Networks

As of December 2024, ~11.5 M smart meters installed and digitalization of ~100,000 secondary substations

	2024
RAB (Bn EUR)	9.3
Distributed energy (GWh)	89,060
Points of supply (M)	11.5
Kms of lines (M)	266,913

Iberdrola España: Networks

Distribution: Circular 6/2019 CNMC. Regulatory period: 2020-2025



(1) Other assets include systems and communications not associated with digitalization, machinery, furniture, vehicles, buildings and tools
(2) TIEPI: Equivalent interruption time of the installed power at medium voltage
(3) NIEPI: Equivalent number of interruptions of the installed power at medium voltage
Note: You can find the last reference available for COMGES, ROTD and incentives here

Content

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Iberdrola España: Electricity Production & Customers

Total Installed Capacity

	Capacity (MW)	Production (GWh)	Load Factor (%)
Renewables[1]	**22,582**	**33,363**	
Onshore (owned)	6,550	9,626	17.0%
Onshore (for third parties)	-	-	-
Offshore	-	-	-
Hydro[2]	10,823[1]	20,159[1]	21.3%
Mini-hydro[2]	234	429	20.8%
Solar	4,937	3,150	11.9%
Batteries	39	-	-
Nuclear	3,177	22,589	
Gas Combined Cycle owned capacity	5,695	4,449	
Gas Combined Cycle capacity for third parties	-	-	
Cogeneration	318	1,638	
TOTAL	**31,772**	**62,039**	

Note: Figures reported net of transactions during the period. Differences may arise due to rounding.

(1) Includes capacity/production of Támega in Portugal

Note: load factor calculated using installed capacity and AOC (Average Operating Capacity)

(2) Based on consolidated production and operational capacity

Iberdrola España: Electricity Production & Customers

Renewables

Onshore Wind

Year of Installation	MW (1)
1998	21
1999	36
2000	323
2001	308
2002	471
2003	552
2004	1.019
2005	424
2006	296
2007	683
2008	289
2009	553
2010	269
2011	130
2012	332
2018	18
2019	281
2020	287
2021	-168
2022	86
2023	340
2024	0
Total	**6,550**

Hydro

Region	Total MW
Mediterranean Basin	2.165
Duero Basin	3.496
Sil Basin	1.582
Northern Basin	179
Tajo Basin	2.243
Portugal	1.158
Total	**10,823 (2)**

Mini-hydro

	Total MW (3)
Mini-hydro	234

Batteries (BESS)

Project	Region	MW	Year of Installation
C. Arañuelo III	Cáceres	3	2021
Puertollano	Ciudad Real	5	2021
Abadiño	Vizcaya	6	2021
Urkilla	Álava	5	2022
Santiago Jares	Orense	5	2024
Valdecañas	Cáceres	15	2024
Total		**39**	

Note: Net figure of new installed capacity minus asset rotation
(1) 258 MW consolidated through equity method
(2) Out of which ~4,300 MW are pumping hydro
(3) 2 MW of mini-hydro managed by investee companies

Iberdrola España: Electricity Production & Customers

Renewables

Solar PV (I)

Project	Region	MW	Year of Installation
Nuñez de Balboa	Badajoz	500	2019
Andévalo	Huelva	50	2020
Teruel	Teruel	50	2020
Romeral	Cuenca	50	2020
Olmedilla	Cuenca	50	2020
Campo Arañuelo I	Cáceres	50	2020-2021
Campo Arañuelo II	Cáceres	50	2020-2021
Campo Arañuelo III	Cáceres	40	2020-2021
Ceclavín	Cáceres	328	2020-2021
Majada Alta	Cáceres	50	2020-2021
San Antonio	Cáceres	50	2020-2021
Barcience	Toledo	50	2020-2021
Francisco Pizarro	Cáceres	590	2021 - 2023 (Phase III)
Arenales	Cáceres	150	2021
Puertollano	Ciudad Real	100	2021
Revilla-Vallejera	Burgos	50	2021-2022
Almaraz 1	Cáceres	50	2022
Almaraz 2	Cáceres	30	2022
Cornicabra (Guillena)	Sevilla	50	2022-2023
Espliego (Guillena)	Sevilla	44	2022-2023

Iberdrola España: Electricity Production & Customers

Renewables

Solar PV (II)

Project	Region	MW	Year of Installation
Poleo (Guillena)	Sevilla	50	2022-2023
Cespedera	Cádiz	27	2022-2023
Llanos Pelaos III	Fuerteventura	7	2022-2023
Tagus I	Cáceres	50	2022
Tagus II	Cáceres	50	2022
Tagus III	Cáceres	50	2022-2023
Tagus IV	Cáceres	50	2022
Manantiales I	Guadalajara	30	2022
Valbuena	Guadalajara	49	2022
Villarino	Salamanca	50	2022
Virgen de Areños III	Palencia	50	2022-2023
Peñarrubia	Murcia	50	2023
Balsicas - Sabic	Murcia	100	2023
Fuentes	Guadalajara	50	2023
Velilla	Palencia	350	2023-2024
Cedillo	Cáceres	375	2023
Salinas I	Cuenca	49	2023
Salinas II	Cuenca	49	2023
Salinas III	Cuenca	49	2023
Hyb Ballestas y Casetona	Burgos	74	2023
Tagus XL	Cáceres	380	2024
Caparacena	Granada	330	2024
Fuendetodos	Zaragoza	125	2024
Ciudad Rodrigo	Salamanca	111	2024
Total		**4,937**	

Iberdrola España: Electricity Production & Customers

Conventional generation

Nuclear	Region	Total MW	% IBE	MW attributable to IBE	COD
Almaraz I	Cáceres	1,049	53%	553	1983
Almaraz II	Cáceres	1,044	53%	550	1984
Ascó II	Tarragona	1,027	15%	154	1986
Cofrentes	Valencia	1,092	100%	1,092	1985
Trillo	Guadalajara	1,066	49%	523	1988
Vandellós II	Tarragona	1,087	28%	304	1988
Total		**6,365**		**3,177**	

Gas Combined Cycle	Region	Total MW	COD
Castellón III	Castellón	793	2002
Castejón	Navarra	386	2003
Tarragona Power	Tarragona	424	2004
Aceca III	Toledo	392	2005
Arcos I	Cádiz	396	2005
Arcos II	Cádiz	379	2005
Santurce	Vizcaya	403	2005
Arcos III	Cádiz	837	2006
Escombreras	Murcia	831	2006
Castellón IV	Castellón	854	2008
Total		**5,695**	

Iberdrola España: Electricity Production & Customers

Conventional generation

Cogeneration	Region	Total MW	MW attributable to IBE	COD
Energyworks Carballo	La Coruña	9	9	1998
Peninsular Cogeneración SA	Madrid	39	19	2001
Energyworks Cartagena	Murcia	95	95	2002
Investee companies	n.a.	48	24	1990-2006
Energyworks Michelin (Vitoria, Valladolid y Aranda)	n.a.	126	126	2001-2002
Pig slurry treatment plants (4 plants)	n.a.	52	45	2003-2007
Total		**369**	**318**	

Iberdrola España: Electricity Production & Customers

Projects under construction

Project	Type	Region	Total MW	MW installed as of Dec´24	MW pending	Year of Installation
Iglesias	Onshore	Burgos	70	-	70	2025-26
El Escudo	Onshore	Cantabria	101	-	101	2025
Finca San Juan	Onshore	Tenerife	17	-	17	2025
Ciudad Rodrigo	Solar	Salamanca	316	111	205	2024-2025
Tâmega	Onshore	Portugal	274	-	274	2025-26
Revilla-Vallejera	Hybrid BESS/PV	Castilla y León	25	-	25	2025
Total			**804**	**111**	**692**	

Projects concluded in 2024

Project	Type	Region	Total MW	Year of Installation
Velilla	Solar	Palencia	350	2023-2024
Fuendetodos	Solar	Aragon	125	2024
Tagus	Solar	Cáceres	380	2024
Caparacena	Solar	Granada	330	2024
Total			**1,185**	

Iberdrola España: Electricity Production & Customers

Nuclear

- The Spanish National Energy and Climate Plan (PNIEC) considers that **4,200 MW of nuclear generation** plants **will shut down** in the **period 2025 – 2030**.
- The **nuclear operators**, together with **ENRESA**, have **agreed on a schedule for closure** of **Spanish nuclear power plants**. This closure schedule complies with all safety, technical, ageing, waste and decommissioning resources criteria.

	Closing schedule	
Almaraz I	nov-27	44.2 years
Almaraz II	oct-28	44.3 years
Ascó I	oct-30	45.8 years
Cofrentes	nov-30	45.6 years
Ascó II	sep-32	46.4 years
Vandellós II	feb-35	46.9 years
Trillo	may-35	46.7 years
	Average life	**45.7 years**

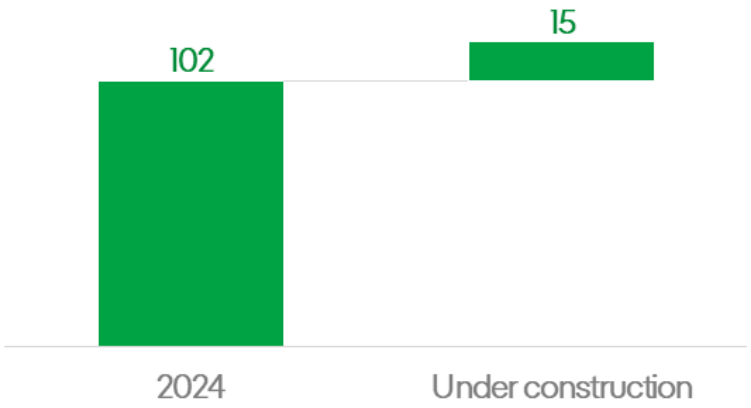
- **Almaraz I&II, Vandellós II, Cofrentes** and **Asco I&II** nuclear power plants have **already obtained the approval** for Operating License Renewal (up to the closing dates agreed in the protocol signed with ENRESA for all plants except Vandellos II (until 26th July 2030) and Ascó II (until 1st October 2031).
- **Royal Decree 589/2024** has **risen** the **waste fee** charged by ENRESA **to € 10.36 /MWh** as of **1 July 2024** (+30% vs. previous rate of € 7.98 / MWh).

Note: The dismantling and management of radioactive waste is an essential public service, whose management is entrusted by law to the State-owned company Enresa (Empresa Nacional de Residuos Radiactivos, S.A.)

Iberdrola España: Electricity Production & Customers

Storage, a key technology to provide flexibility in the markets

Storage growth plan (M kWh)



Tâmega
Largest hydroelectric facility in Portugal

La Muela II
Largest pumping facility in Europe

Projects

Project	Storage Capacity	Capacity	Status
La Muela I y II	~102 M kWh	~4,318 MW	In operation
Gabriel y Galán y Guijo Granadilla			In operation
Torrejón – Tiétar			In operation
Aldeadávila II			In operation
Villarino			In operation
Puente Bibey			In operation
Conso 1			In operation
Soutelo			In operation
Tâmega			In operation
Santiago Jares			In operation
Valparaíso			In operation
Torrejón – Valdecañas	~15M kWh	290 MW	*Under construction (COD 2025-2026)*

Iberdrola España: Electricity Production & Customers

Services to customers: >23.3 M contracts

(In '000)

	2024	2023	Var. (%)
Iberia	**23,336**	**22,395**	**4.2%**
Liberalised	**19,903**	**18,986**	**4.8%**
Electricity	7,521	7,669	-1.9%
Gas	641	654	-2.0%
Smart solutions	11,741	10,663	10.1%
Last resort tariff(1)	**3,433**	**3,410**	**0.7%**

(1) Refers to customers under the PVPC (regulated power tariff) and TUR (regulated gas tariff)
(2) Number of consumer units
Note: Iberia includes Spain & Portugal

Iberdrola España: Electricity Production & Customers

Smart Solutions to solve customer needs

- Comprehensive solutions that meet our customer needs
- Strengthen customer relationship with Iberdrola España
- Accelerate electrification of demand
- Promote sustainable technologies

SMART HOME
VALUE-ADDED SERVICES

- Wide offer of added value services and energy management that provide peace of mind and comfort and enable customers to save and optimize their energy consumption.
- Launching of new solutions to drive demand electrification and allow a customized home energy management

SMART MOBILITY
ELECTRIFICATION OF TRANSPORT

- Alliance with more than 10 vehicle manufacturers which cover 60% of EV Sales in Spain
- >19k public charging points and 53k residential in 2024
- Launch of the Iberdrola | BP Pulse joint venture to lead the fast and ultrafast charging infrastructure deployment in Spain and Portugal
- Contracts secured for installation of charging infrastructure for +670 buses and trucks

SMART SOLAR
SELF-SUPPLY SOLUTIONS

- Leading self-consumption in Spain and consolidating presence in other countries
- We offer comprehensive solutions for all customers: single-family homes, solar communities, companies and industrial customers.
- Continuing the deployment of solar communities to make self-consumption accessible to all customers neighbours in the vicinity

SMART CLIMA
ELECTRIFICATION OF HEAT

- Promotion of heat electrification and energy rehabilitation in homes
- Development of the business line of integral energy refurbishment of residential buildings
- Integrated turnkey solutions: installation, maintenance and electricity tariffs adapted to each client

Iberdrola España: Electricity Production & Customers

PPAs: long-term Power Purchase Agreements

- A PPA is a long-term Power Purchase Agreement, with agreed conditions (term, price, amount, etc.) between an energy generator and a consumer that ensures revenue and price stability for the customer.
- In a market with highly volatile prices, PPAs set a price that totally or partially limits this risk.

DEPENDING ON THE POINT OF INJECTION OF ENERGY

OFFSITE PPA

Energy produced at a specific location and connected to the grid

ONSITE PPA

Energy produced near or on the site of the customer's premises

DEPENDING ON THE TYPE OF DELIVERY

PHYSICAL

Bilateral contract for the supply of energy and, for renewable generation, delivery of Renewable Certificates from a specific production plant to the end customer

VIRTUAL

Bilateral energy contract that does not provide for the physical delivery of energy from the seller to the customer

BY FORM OF ENERGY DELIVERY

AS GENERATED

The customer consumes the plant's generation

BASELOAD

The seller is responsible for converting the generation of the asset into a baseload

SPAIN

amazon	PPA for 212 MW from Ciudad Rodrigo PV Plant. PPA for 45 MW from Valdemoro onshore wind farm.
bp	PPA for 200 GWh/y from onshore wind and PV plants.
	PPA for 340 GWh/y from Velilla and Tagus I –IV PV plants.
BURGER KING	PPA for 75 MW from Pizarro PV plants.

Iberdrola España: Electricity Production & Customers

Green hydrogen & industrial electrification projects

Operational		Capacity	Funds
H_2	Puertollano I	20 MW	**Awarded**
H_2	Barcelona	2,5 MW	**Awarded**
H_2	Benicarló	1,25 MW	-

Under construction		Capacity	Funds
H_2	Castellón	25 MW	**Awarded**
Thermal Storage	Langreo	13 MWe	**Awarded**

Mature projects		Capacity	Funds
H_2	Methanol Green Meiga	150 MW	**Awarded**
H_2	Palos	200 MW	-
Thermal Storage	Tarragona	150 MWe	**Awarded**
Electric boiler	Cartagena	33 MWe	-

Content

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Iberdrola España's ambitious approach to the global climate agenda

Iberdrola España embraces an ambitious and robust approach to **climate advocacy**

Active engagement within the most **relevant and ambitious** organizations

Leadership and active involvement in the main milestones of the **global climate agenda**

Special implication and support to those **organisations with greater leadership** and relevance

Fostering connections among different actors to build **alliances** and collaboration platforms

Specific **alliances to promote decarbonization**

Alianza Q-Cero: to decarbonise thermal energy demand in Spain. *Launched in 2024*.

Alianza NET ZERO Mar: to accelerate the electrification of the maritime-port sector.

pirVEp: Platform for Heavy Vehicle Charging Infrastructure.

Carbon2Nature

Carbon2Nature
Iberdrola Group

100% owned by Iberdrola España to reduce the global carbon footprint through the development of nature-based solutions, with a high impact on biodiversity and local communities

>60 $MtCO_2$ caught or fixed in the nature over the long term

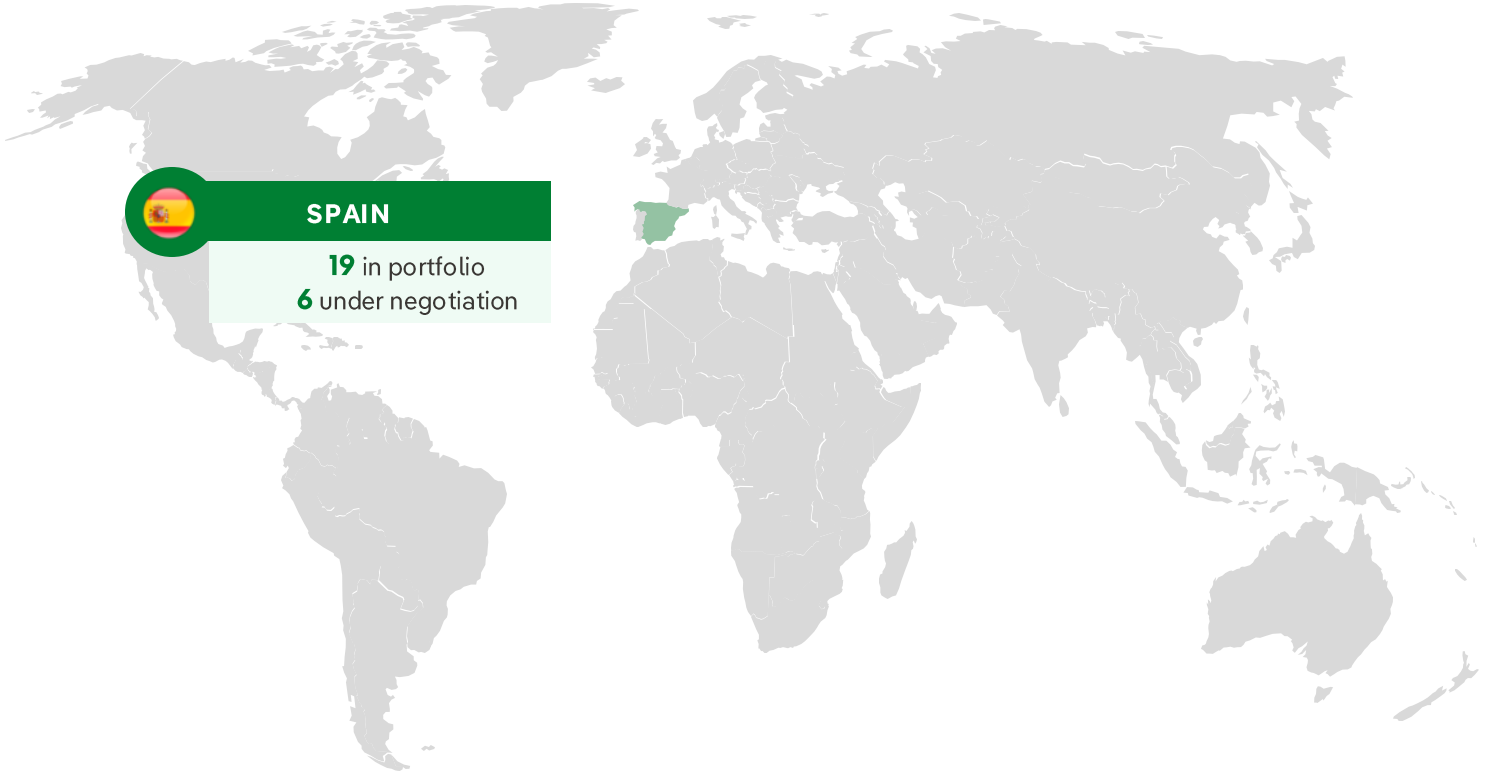
Diversity of high-quality projects:

FORESTRY (80%)
Restoration, management and conservation of forest ecosystems

BLUE CARBON (15%)
Conservation and restoration of coastal and marine ecosystems

AGRICULTURE AND INNOVATION (5%)
Soil capture, methane reduction and other innovative techniques

Presence: +20 Projects ongoing or study across Spain



Circular Economy Plan: Value Chain

The circular economy involves a cultural change in the way we understand the production and consumption to reduce resources needs and environmental impacts while creating value and employment.

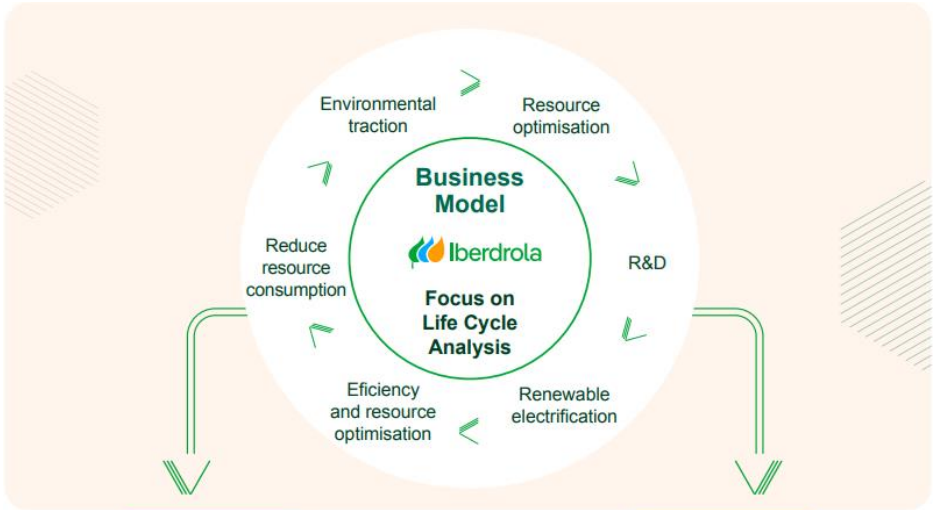
Three pillars

Use of **renewable resources** for energy production across the value chain

Improved **efficiency** in processes and services

Minimisation of waste and foster recycling

Our circular economy model



Actual figure 2024:
98.4% of blades or panels recycled

ENERGYLOOP

VISION: to become the leader in the recycling of wind turbine blades in Spain and Portugal

- **Target:** to have an operational facility available **when massive wind decommissioning activity begins**.
- Creating **alliances** with stakeholders in the wind sector to take advantage of **repowering opportunities**
- **Alliance with FCC Ambito**, a key player in industrial waste management

MISSION: To provide high-value secondary raw materials that enable value creation

Networks – Supply Quality

Digitalization and advanced control systems enable accelerated improvement in service quality

Valencia (Spain) DANA

RESPOND:
The company responded exceptionally during the worst rainstorm of the century in Valencia (DANA), restoring electricity in record time and **supporting the affected community**.
i-DE mobilized over 500 workers and sent 1 million messages to customers, **recovering 90% of the supply in 48 hours** and the entire network in just over 72 hours.

INVEST:
Iberdrola España launched the **il-lumina project**, investing 100 M EUR to redesign the power grid.

- Improved scheduled outage notifications
- Increased level of digitalization

MORE ROBUST AND RESILIENCE NETWORK

Customers

Smart Solutions:
Products and services that promote efficiency, energy savings and care for the environment

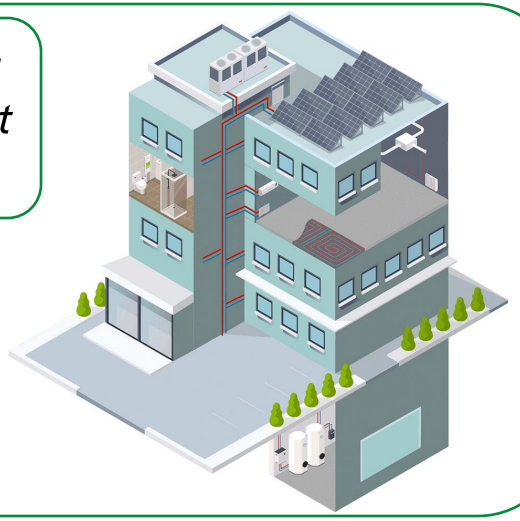
Industrial heat | *Smart Solar* | *Smart Mobility* | *Smart Clima* | *Smart Home* | *Smart Cities*

Industrial | Residential

ATuAire by Iberdrola

Tertiary and industrial** as well as **big residential consumers

*Solutions for customer´s **heating and cooling needs** based on heat pump technology*



Economic	Global & Customized	Sustainable
More efficient generating savings from the first day	End to end Solution, integrating the new solution to the existing facilities	Based on decarbonized solutions and long-term green energy contracts

Community Development: foundation of Iberdrola España

During the 2024 FY, our foundation allocated approximately 6.5 M EUR to support programmes for the communities in which the company operates

+ 6.5 M EUR
+3,900,000 Beneficiaries

Community Development: Fiscal Contribution - Taxes

Tax contribution of **4,314 M EUR** in 2024, an **increase of 14%** over the previous financial year

Taxes paid to public treasury (M EUR)	Company contributions	Contributions due to third-party payments	Total
Spain	2,532	1,781	4,313

Report on tax transparency 2024: Report on tax transparency of the Iberdrola Group 2024