

Company Overview

2024



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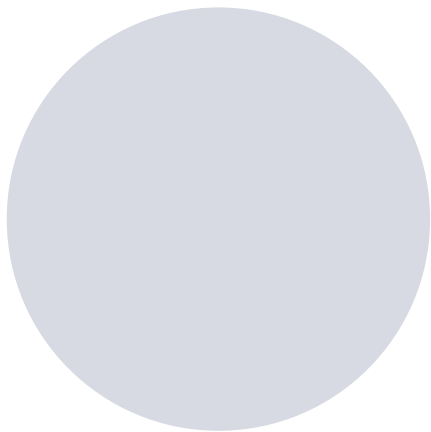
Redeia

1



Valuing the essentials

At Redeia we guarantee electricity supply and connectivity, promoting a fair ecological transition with sustainability criteria, showcasing our neutrality and contributing to social and territorial cohesion.





Global manager of essential infrastructures

Driver of energy transition and universal connectivity

Red Eléctrica

Backbone of the electricity system in Spain, ensuring a secure, high quality, and increasingly renewable electricity supply.

Redinter

Engine for the decarbonisation of the energy model and sustainable development in Latin America.

Reintel

Largest provider of dark fibre optic in Spain, essential for offering universal and inclusive connectivity.

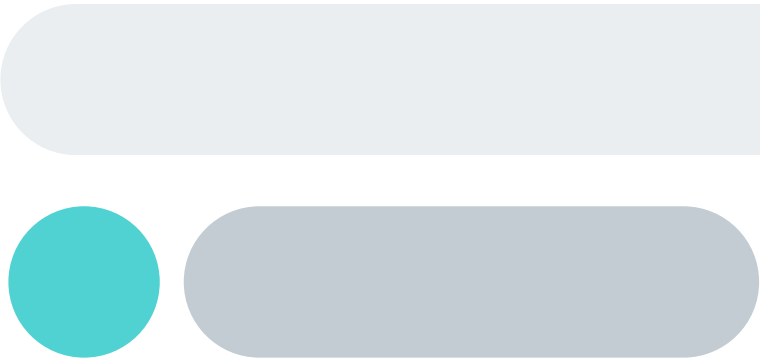


Hispasat

Leader in digital transformation and reduction of the digital gap in Spain and Latin America.

Elewit

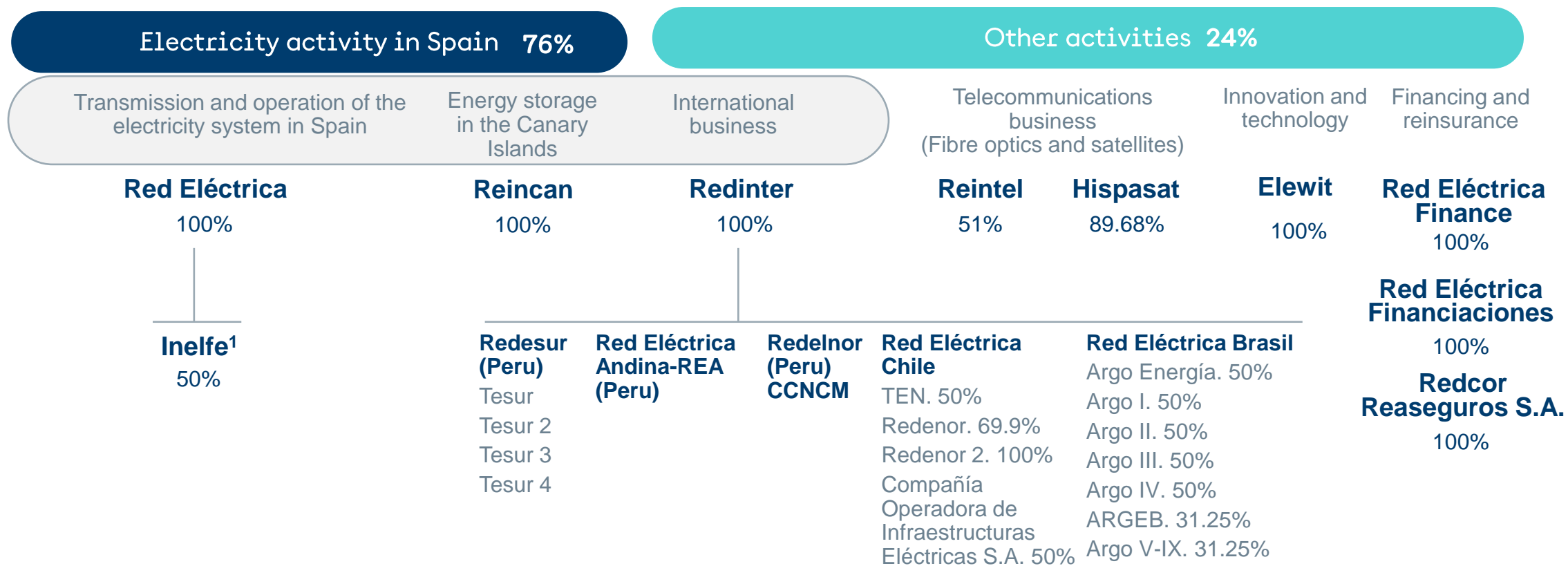
Technological innovation platform to drive energy transition and connectivity.



A holding structure for efficient management

Regulated activities account for more than 80% of Redeia's EBITDA

Redeia



Regulated activity

1. **Inelfe** (Interconexión Eléctrica Francia-España) is a joint venture, established on 1 October 2008 in equal parts by the French and Spanish electricity transmission grid management companies, RE (Red Eléctrica) and RTE (*Réseau Transport d'Électricité*), responsible for the construction and commissioning of electricity interconnections between France and Spain.

Over 35 years as the world's first transmission system operator



Global operator of strategic electricity and telecommunications infrastructures

Key figures for 2023

52,813 km

National and international electricity circuits in operation

94,981 MVA

National transformation capacity

6,357

Positions at substations nationwide

More than **52,000 km**

Dark fibre optics network

10 satellites

in operation

78

Technological innovation projects

€ 2,064 M

Revenue

€ 1,508 M

EBITDA

€ 690 M

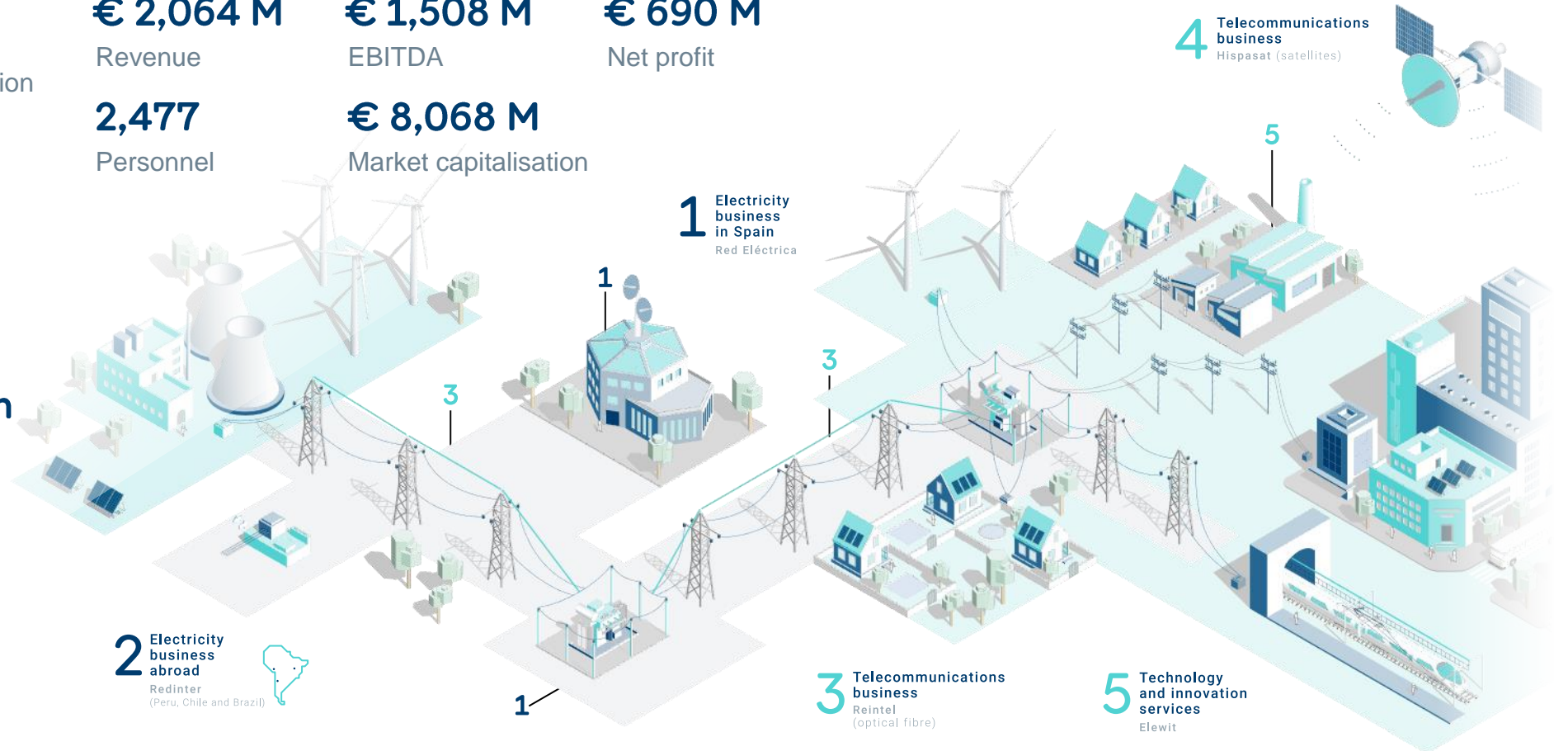
Net profit

2,477

Personnel

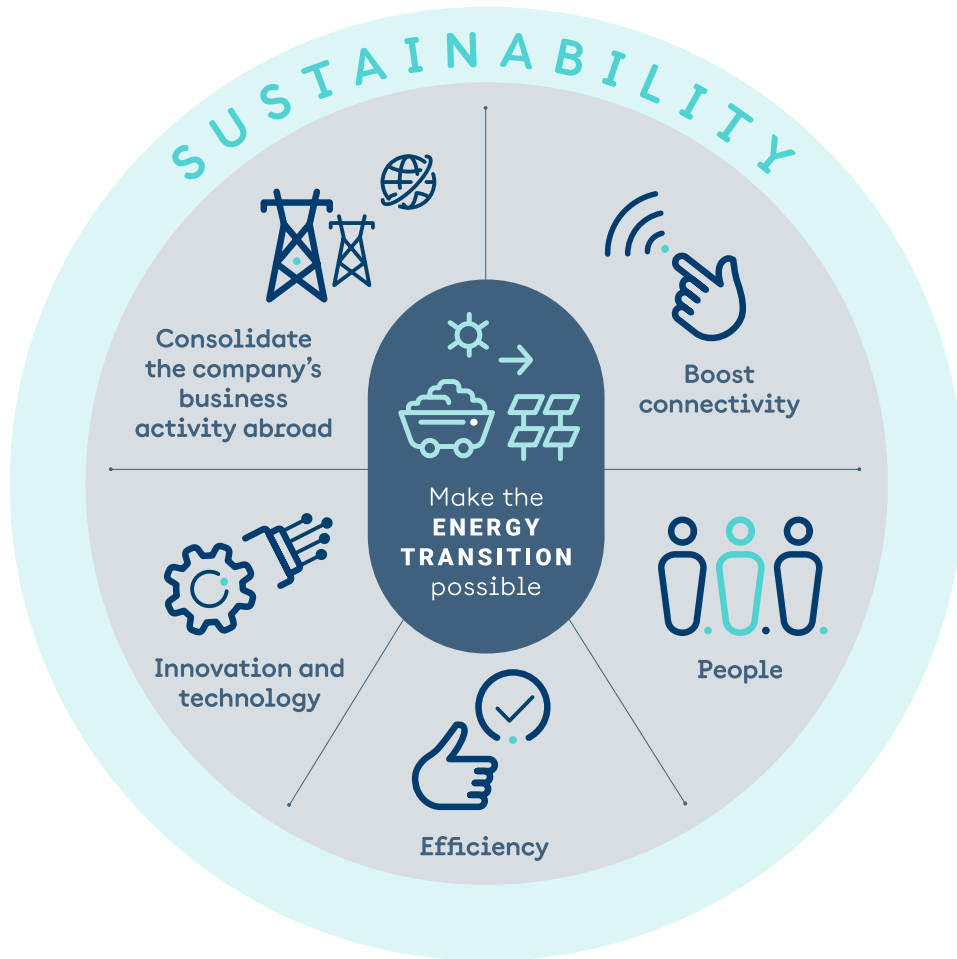
€ 8,068 M

Market capitalisation



2021-2025 Strategic Plan

Prioritising the implementation of the energy transition in Spain



Total investment. Further increase in TSO investments, reaching €3.9bn

EUR 5,000 million

≥ 78 % will be in the transmission network, international interconnections, storage and system operation.

2025 financial efficiency

EBITDA margin	Net debt / EBITDA	FFO / Net Debt ratio
70 %	<5x	>15 %

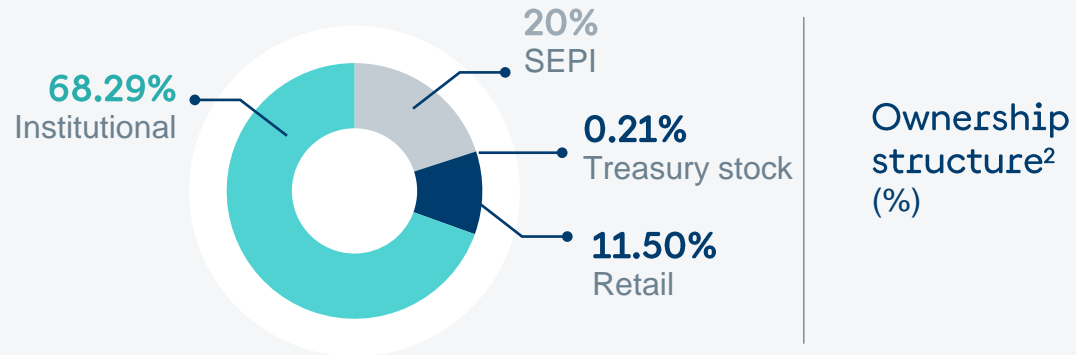
Maintain
Solid credit rating

Dividend policy

2021-2023	→	2024-2025
EUR 1.0 per share		at least EUR 0.8 per share

Shareholding structure

Law establishes shareholding limits on the company's share capital to guarantee its independence from other activities and players in the sector.¹



The Company's share capital amounts to **EUR 270,540,000**, consisting of 541,080,000 fully subscribed and paid-up shares with a par value of EUR 0.50 each.



1. <https://www.redeia.com/en/shareholders-and-investors/share/shareholders-structure>

2. Data at the close of 2023.

Sustainable commitment

2



Corporate governance

Strong corporate governance model to enhance shared value

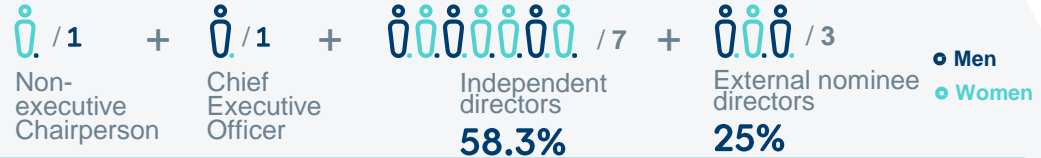
First Ibex 35 company with an equal number of men and women on its Board of Directors, and one of only five companies chaired by a woman in 2023.



Board of Directors

A reduced, balanced, and efficient

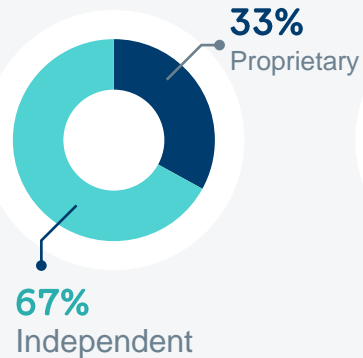
12 members



Appointment and Remuneration Committee

(3 members)

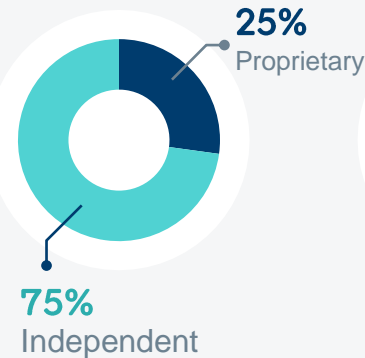
Chairperson
Independent director



Audit Committee

(4 members)

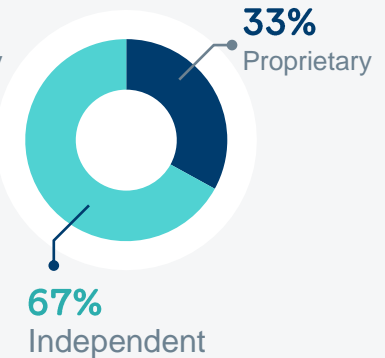
Chairperson
Independent director



Sustainability Committee

(3 members)

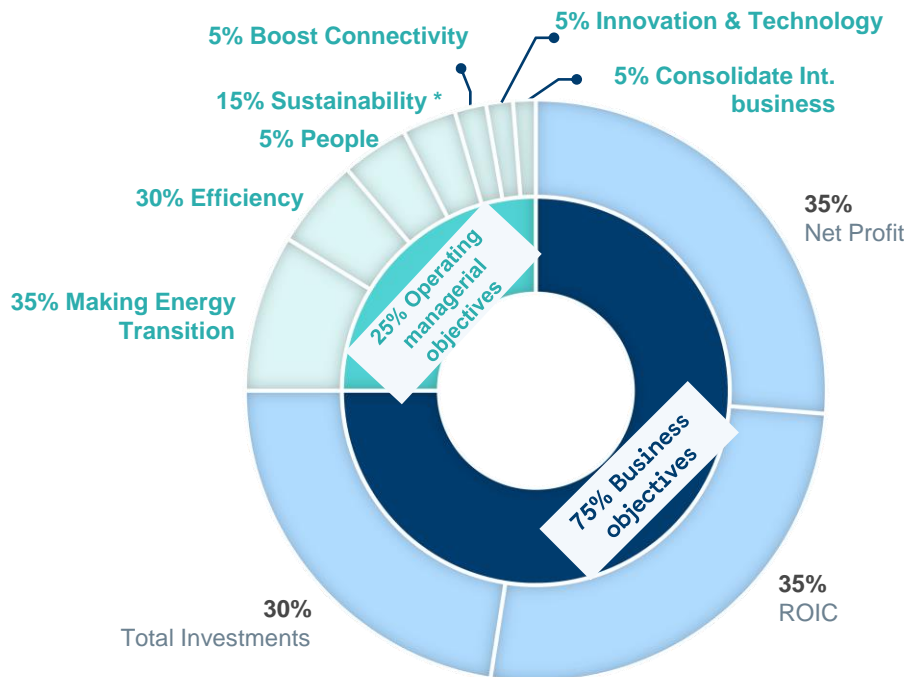
Chairperson
Independent director



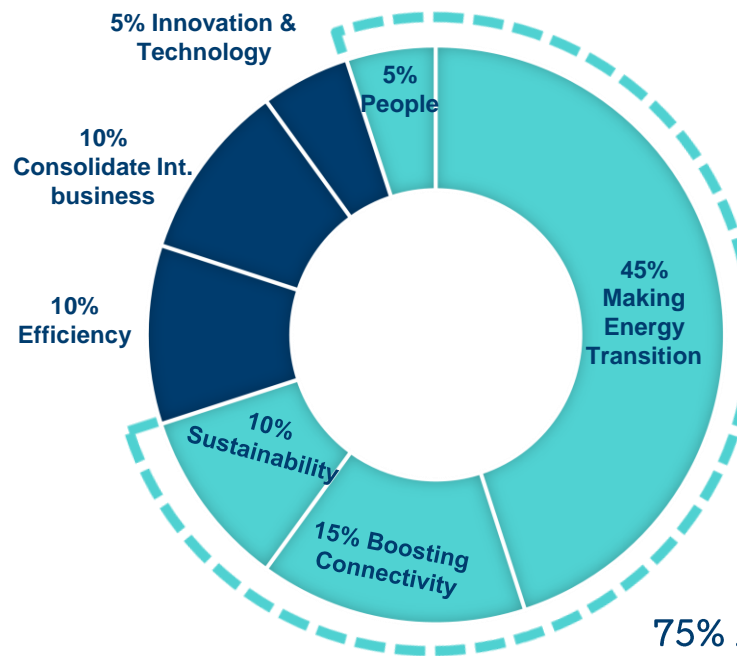
Remunerations policy

CEO and senior level executives' variable remuneration related to ESG criteria

2023 Annual variable remuneration CEO



Multi-year variable remuneration



Main ESG metrics

- RAB place in service
- Penetration of renewables
- Investment in Operation of the System
- Compliance with Sustainability Plan

75% linked to ESG criteria

* Incentive linked to the progress of compliance with the Sustainability Plan and to the permanence of the Company in the most relevant indices in the field of sustainability, in particular, DJSI World and Europe and Moody's (Euronext).
<https://www.redeia.com/es/gobierno-corporativo/informes-y-otros-documentos/informe-anual-sobre-remuneraciones-de-los-consejeros-2024>

Commitment to sustainability

Structured into four priorities and broken down into 11 targets with a 2030 vision



Anticipation and action for change

To promote a culture of innovation and flexibility that enables us to identify growth opportunities and respond to the challenges of the future, staying ahead of and adapting to global trends and the regulatory environment emerging from the new energy model.



Decarbonisation of the economy

To be a proactive agent in the energy transmission towards a zero-emissions model, focusing efforts on the electrification of the economy and the efficient integration of renewable energies, through a robust and better interconnected grid and the development and operation of energy storage systems.



Responsible value chain

To extend our commitment of responsibility to all of the links in the value chain, from our employees to suppliers and customers, by creating alliances, based on our governance and integrity model.



Contribution to the development of the environment

To contribute to the economic, environmental, and social progress of surrounding areas, by providing an essential service securely and efficiently, promoting the conservation of the environment, quality of life, and social welfare, and involving communities in the development of our activities, for the mutual benefit of the surrounding areas.

Decarbonisation of the economy



Climate change*



Energy transition



Sustainable financing

2030

- 55% reduction in Scope 1 and 2 emissions**.
- 28% reduction in Scope 3 emissions**.



Safely integrating 100% of available renewable energy into the electricity system: 74% of electricity generation from renewable sources.



Empowering society to actively engage in the energy transition process.



100% sustainable financing.



2025

- 30% reduction in Scope 1 and 2 emissions.
- 2/3 of suppliers (in terms of emissions) with approved SBTi.
- 100% of Scope 1 emissions offset.

>60% of electricity generation from renewable sources.

- Launching the **Datahub** extension, accessible to participants and stakeholders permitted by regulation.
- Expansion of platform: **REData** and **redOS**.

60% sustainable financing.

2023

24% reduction in Scope 1 +2 emissions compared to 2019.
7.15% of supplier emissions covered by total SBTi.
100% offsetting of Scope 1 emissions.

50.3% integration of renewables in the electricity system.

Start of exploitation of use cases of the DataHub for Public Administrations for self-consumption of self-managed facilities.

59% of the company's financing incorporates ESG criteria.
Issuance of the first green hybrid bond in Redeia's history for 500 million euros.

* Targets compared to 2019.

** Both targets approved by SBTi.

Responsible value chain



Biodiversity

Generate a **positive net impact on the natural capital** of the areas near new facilities.



2030

- **100%** of critical spans¹ signposted for Red Eléctrica.
- Compliance with the commitment to protect vegetation and combat deforestation in **100%** of investment projects.

2025

767.4 km marked in critical priority areas (77.4% of the total identified).
Baseline calculation and quantitative assessment of impacts (negative and positive) on biodiversity implemented in greenfield projects.

2023



Circular economy

To be a **leading company in circular economy**:

- Group: 0% of **waste** dumped.
- Group: 6.5 m³ of **water** consumption per employee per year in workplaces.



- Red Eléctrica: 0% of **waste** dumped.
- Red Eléctrica: 6.5 m³ of **water** consumption per employee per year in workplaces.

Overall progress of 38.9% in the actions of Redeia's 2030 Circular Economy Roadmap.
Significant increase in the percentage of recycled waste in the group (from 92.7% in 2022 to 98.35% in 2023) due to the development and implementation of the 0 waste to landfill programme in all group companies.

The ratio of water consumption per employee has maintained a downward trend over the last three years.



Suppliers

To be a **driver of change** for our suppliers:

At least **25** supplies with the greatest impact on the transmission network with criteria of circularity (LCA), climate change, security, diversity and biodiversity.



At least **10** supplies with the greatest impact on the transmission network with criteria of circularity (lifecycle analysis), climate change, safety, diversity and biodiversity.

4 supplies with the greatest impact on the transport network with criteria of circularity (lifecycle analysis), climate change, security, diversity and biodiversity.

1. Distance between two adjacent pylons.

Contribution to the development of the environment



Diversity



Digital gap



Innovation and technology

2030

To be a leading company in gender equality.

50% women on Redeia's Board and the management team in the group.



Promoting the **inclusion of groups at risk of social and labour exclusion.**



To reduce the digital divide: **100%** of people connected in the areas around our facilities.



To be a leading company in technological innovation:

Adoption of **64** innovative technological solutions at Redeia that provide solutions to the group's key challenges, contributing tangible and intangible value.



2025

50% women on the Board.

38% women on the Group's management team.

At least **40%** of the legal percentage of direct employment of people with disabilities.

Increase the volume managed via Special Employment Centres for the provision of services at Redeia by **20%**

To encourage the development of the fibre business of at least **three local operators.**

100 Mbps deployed with connectivity throughout Spain.

Adoption of **24** innovative technological solutions at Redeia that provide solutions to the group's key challenges, contributing tangible and intangible value.

2023

50% women on the Board.

45.5% of women on the Executive Committee.

36.2% women on the management team.

24 employees with a disability equal to or greater than 33%.

Drawing up the Disability Plan 2024-2030, with actions not only for the integration of people with disabilities into the workplace and society, but also to raise awareness of this issue among Redeia's staff.

Hispasat has launched Conéctate 35, a pioneering programme in Europe, which offers high-speed connectivity (100 Mbps) via satellite to all citizens in rural areas with the aim of reducing the digital divide.

78 innovation projects, and 12 innovative technological solutions adopted.

Environment

Committed to the environment, biodiversity, and the fight against climate change

Environmental management

We conduct all our activities in accordance with strict environmental criteria and promote the sustainable use of resources.



Environmental Management System
Circular Economy Roadmap

Integration with our surroundings

We make our facilities compatible with their settings.



Environmental assessments in all projects

Biodiversity

Conserving biodiversity is a basic principle for the company.
Commitment: to generate a positive impact on the territories in which we operate.



Redeia has defined a series of objectives with a 2025 scope in order to work towards a positive impact on biodiversity by 2030.

Climate change

We are a key player in the energy transition. We work to reduce the emissions associated with our activities.



New emission reduction targets and Climate Change Action Plan (2022-2030)

Redeia project for the recovery of *Posidonia oceanica* meadows in the Balearic Islands.



Biodiversity (I)

We want to be a company with a positive impact on the territories in which we operate

Biodiversity management is carried out according to a hierarchy of impact mitigation

Biodiversity impact mitigation hierarchy

Prevention

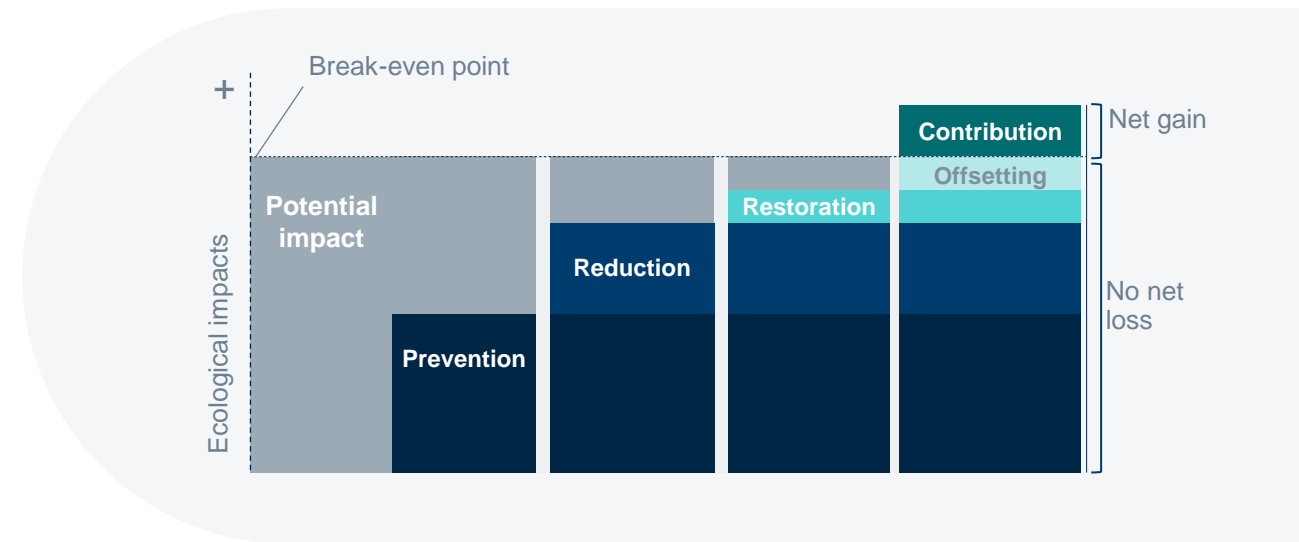
Adequate design of facilities in the planning and project phases to avoid the development of new infrastructure in biodiversity-rich areas and forest zones. It should be noted that the methodology for preparing environmental impact studies establishes the requirement of not affecting areas catalogued as Natura Network and Priority Habitats and stipulates numerous requirements for areas with the presence of focal bird species and autochthonous vegetation.

Reduction and restoration

Definition and application of preventive and corrective measures to minimise impacts as much as possible. These include those aimed at protecting habitats and vegetation during construction and maintenance works, restoring affected areas once these works are completed, actions to minimise the risk of collision, and management of security lanes to reduce the risk of fire.

Offsetting and positive contribution

Complementary environmental improvement measures, reforestation work, and the development of biodiversity protection and conservation projects.



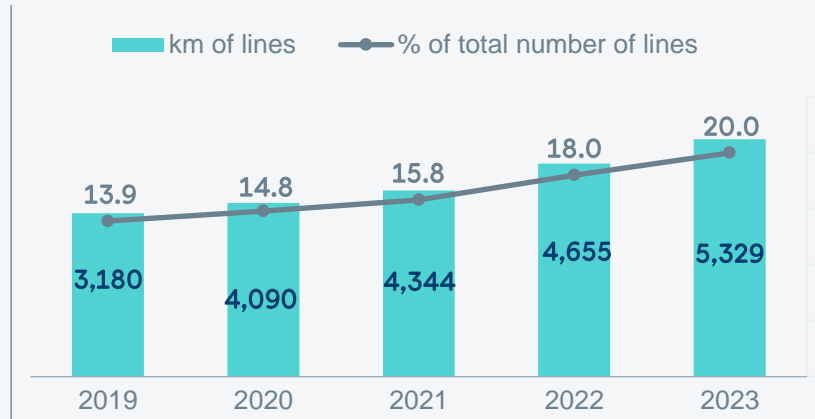
We are working on developing a method to quantitatively assess biodiversity impacts, which will allow us to measure our progress and ensure compliance with the 2030 target.

Biodiversity (II)

Actions necessary to achieve the 2030 targets

- 1 **Initiatives to prevent and minimise impacts**
 - » Signposting of bird-saving lines: more than **5,900 km** of lines.
 - » Improving knowledge of priority SCIs (Sites of Community Importance).
 - » Forest fire prevention and control: environmental impact developments.
- 2 **Initiatives aimed at restoring and offsetting impact**
 - » **100%** offsetting of removed trees.
 - » Multiple initiatives for protecting and preserving birdlife.
- 3 **Initiatives aimed at enhancement and positive benefit**
 - » Initiatives that turn the transmission network into a repository of biodiversity and a generator of natural capital.
 - › Grid grazing: **extensive livestock grazing** for vegetation control in the safety corridors of the transmission grid lines.
 - › Nature on the grid: study of biodiversity under power lines and its potential as a biodiversity reserve and corridor.
 - › *BooGI-BOP*: incorporating green spaces into Redeia's buildings and electricity substations.
 - » Initiatives to use the transmission grid as a refuge for birds.
 - » Initiatives to control invasive species.
 - » Redeia forests
 - › The Redeia marine forest: a pioneering project in the world (*Posidonia oceánica*).
 - › The 18 Redeia forests.

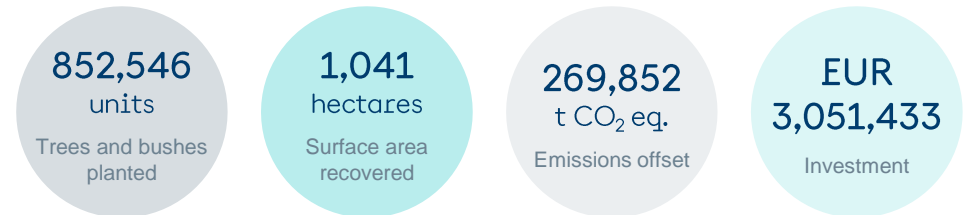
Signs marking lines with bird-savers



77.4% of km of lines in critical priority zones are signposted.



Redeia's Forest in numbers (2009 -2023)



Circular economy

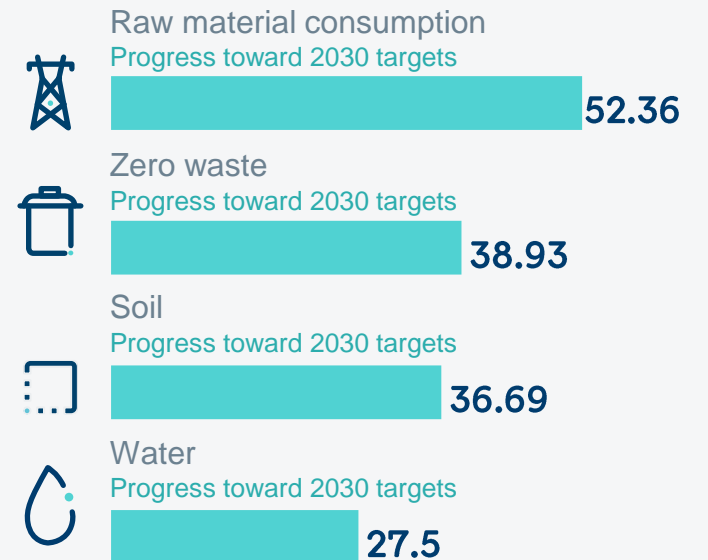
2030 Circular Economy Roadmap

100% circular supplies, with the equipment and materials used made from recycled or reused substances and 100% resource recovery through reuse, recycling, or energy recovery of all waste generated, extending the useful life of materials and equipment and minimising water consumption. Relevant projects:

- Development of a **methodology for the life cycle analysis of supplies** to assess aspects such as the use of recycled materials, carbon and water footprints, etc., enabling the main environmental impacts to be quantified and facilitating decision-making aimed at acquiring more efficient and sustainable supplies.
- **Action plan for 100% waste recovery** and implementation of measures, such as incorporating recycling/recovery requirements in waste management and service tenders, installing composters for organic waste at four work centres and the launching awareness campaigns.
- A **pilot trial of sustainable soil remediation and treatment** in situ at a facility affected by an accidental leak has started in 2023. The pilot trial will be completed in 2024.

Overall progress of 38.9% since 2020, on the targets of the 2030 Circular Economy Roadmap

Progress at 2023 year end (%)



People

Talent, equality, stable employment, security, health and wellbeing

Stable, quality employment

Sustained growth of the workforce on the basis of permanent contracts.



Continuous focus on building a skilled, motivated, and committed team



Talent management

Global Model for Training, Knowledge Management, Skills and Competence Development.
Redeia Campus.



Work/life balance

Comprehensive work-life balance plan with improved measures with respect to current legislation.



Healthy company

Continuous and progressive improvement in health and safety levels.



Equality and diversity

Growing number of women in the workforce and in management positions.
2023-2025 Integral Diversity Plan.

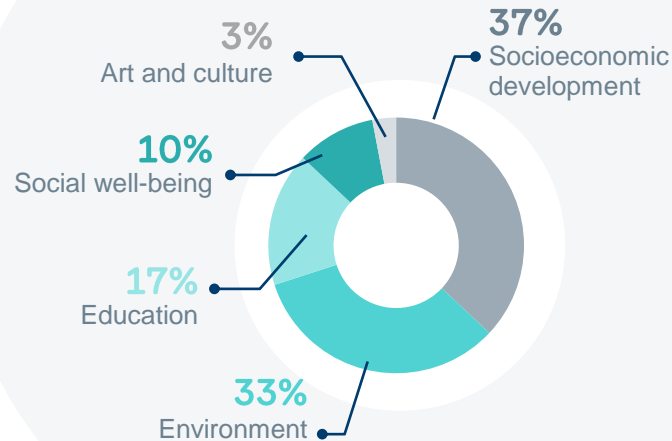
Committed to the progress and wellbeing of society

In 2023 Redeia contributed EUR 10.6 million to developing and promoting social initiatives, in accordance with the LBG methodology.*

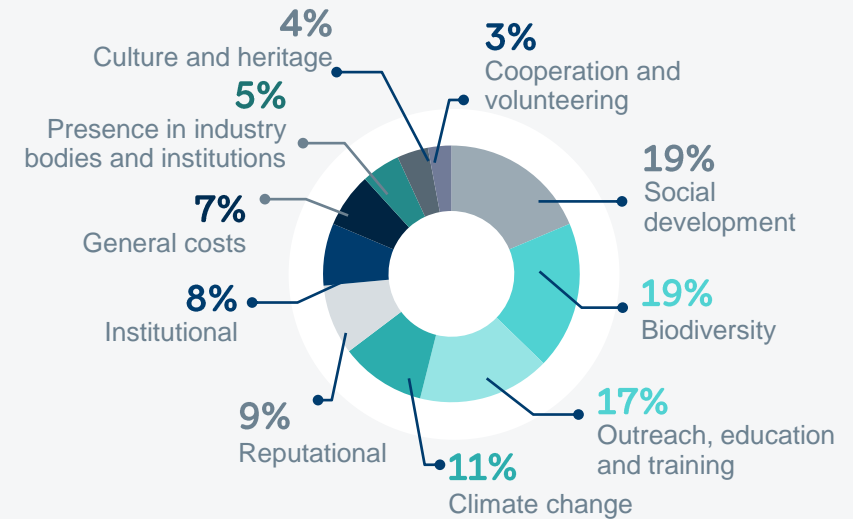
Committed to the communities and regions where we operate

- **372 actions aimed at the development of communities** focused on the socio-economic development of the territories with activities that generate their own, favouring repopulation in rural areas.
- **75% of amicable agreements** reached with landowners affected by new investment projects in 2023.
 - » Development of relations of trust and permanent dialogue to facilitate the construction of new infrastructures, encouraging rapprochement and reporting on the need for the facilities and their role within the transmission network, as well as promoting dialogue that facilitates the sustainable development of projects

Areas of action (%)



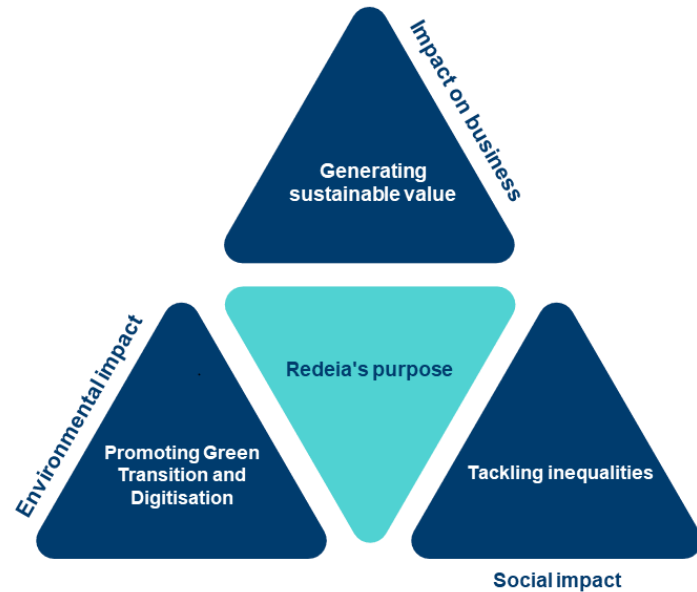
Contributions by type (%)



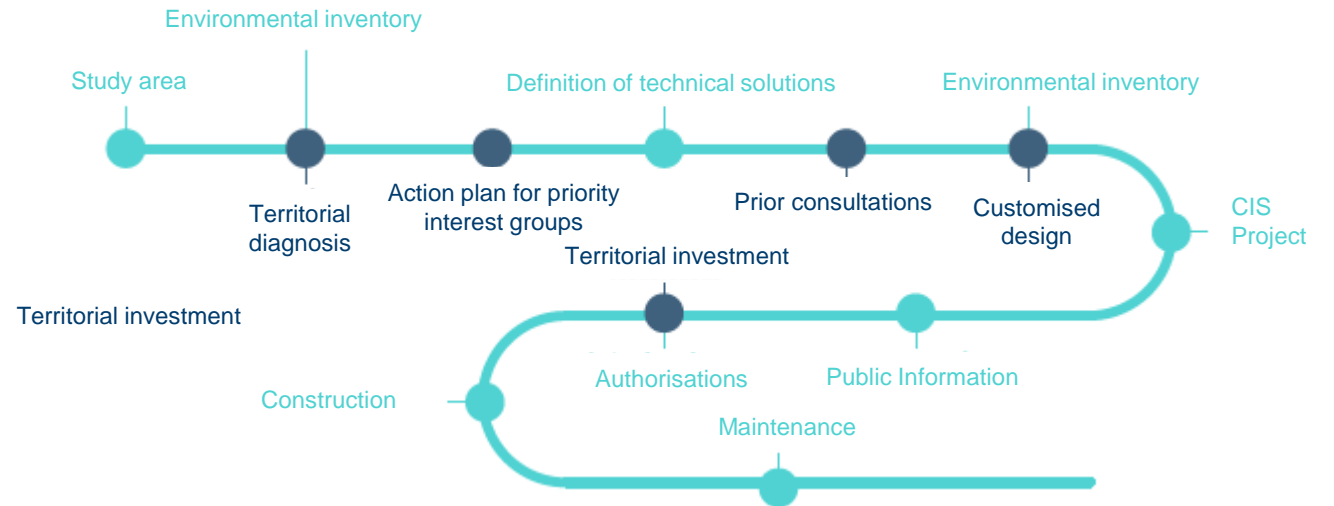
* London Benchmarking Group.

Comprehensive Impact Strategy

Redeia's global framework for action to multiply the social and environmental contribution in all geographies and business areas.



Improvements in investment projects



- Led by an **Integrated Impact Committee**.
- It involves carrying out **territorial and socio-economic diagnoses on key projects**, differentiating between projects of Territorial Interest and Energy Transition projects. These diagnoses serve as a basis for the identification of **priority interest groups**.
- The Comprehensive Impact Strategy, in its social aspect, contributes to reducing inequalities and to weaving "**Networks for the future**" through innovative and inclusive projects.

ESG excellence recognised by leading institutions

Redeia is among the world's top 10 most sustainable companies in its sector according to the Sustainability Yearbook 2024, and included in the 2024 ESG Top-Rated Companies List by Sustainalytics



	DJSI	Sustainalytics	FTSE 4 Good	MSCI	Moody's Analytics	ISS ESG	Bloomberg GEI	CDP
Industry	Electricity utilities	Electricity utilities	Conventional electricity	Utilities Sector	Gas and electricity utilities	Gas and electricity utilities	Utilities	-
Scale	0 – 100	0 – 100	0 – 5	CCC – AAA	0 – 100	“D-” – “A+”	0 – 100	“D-” – “A”

Red Eléctrica

3



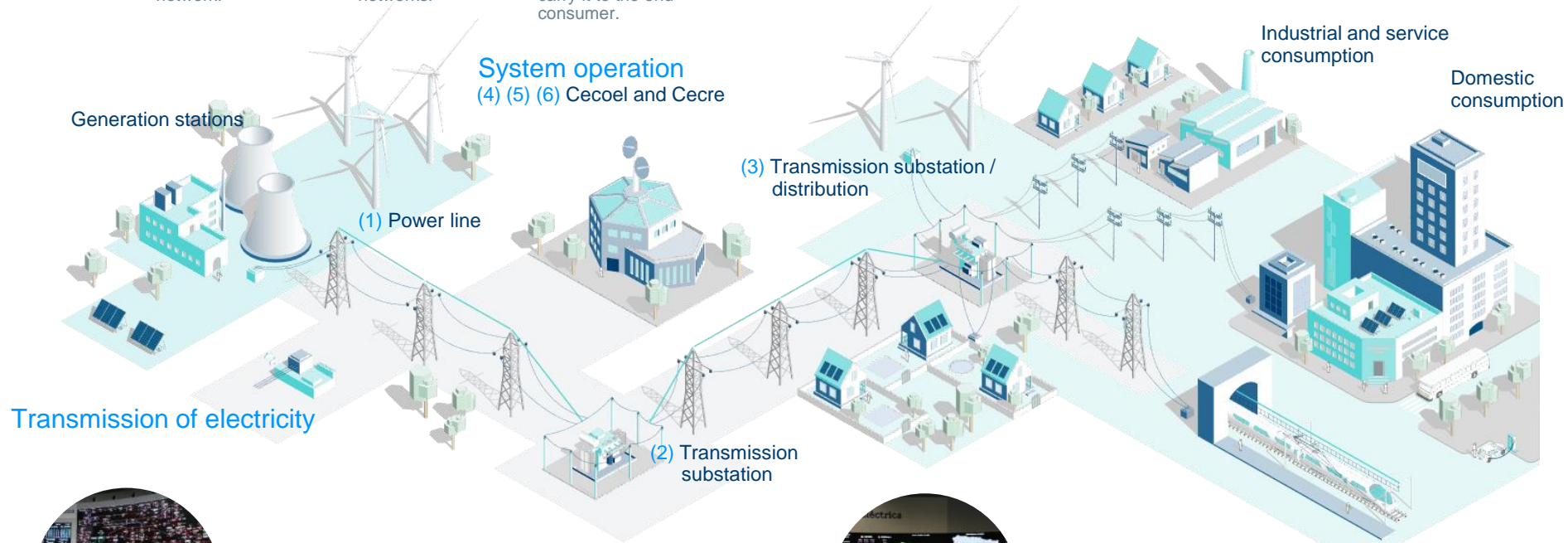
Single Transmission Operator and Transmission System Operator (TSO)

Electricity transmission activity

- (1) Red Eléctrica collects the electricity generated by the production plants over the transmission network.
- (2) It transports high-voltage electricity from the power plants to the distribution networks.
- (3) The power is stepped down to lower voltages and delivered to the distribution companies, which carry it to the end consumer.

System operation activity

- (4) It operates the system by keeping generation and consumption in balance, as electricity cannot be stored in large quantities.
- (5) It estimates the daily national electricity demand and thus the power plants schedule their production.
- (6) Electricity Control Centre (Cecoe) and Renewable Energy Control Centre (Cecre).



Transmission of electricity









Cecoe is responsible for the coordinated real-time operation and supervision of the generation and transmission facilities of the electricity system.



Cecre is a leading, cutting-edge centre in the monitoring and control of renewable energies.

2023 Electricity system data

-  Electricity demand in Spain
244.7 TWh
-  Maximum instantaneous demand, peninsula
39,101 MW
-  Installed capacity in Spain
125.6 GW
-  Installed renewable capacity
61.3%
-  Renewable generation
50.3%
-  Generation without CO₂ emissions
72.1%

The leading international TSO



Lines

The transmission grid lines **form a meshed network** linking generation points with substations, consumption nodes (border with the distribution company) and high voltage consumption points. They can be overhead, below ground, or underwater.



Substations

The basic function of a substation is to **connect various elements of the grid** to deliver the energy generated in the power stations to consumers.



Bays

The set of **switchgear and devices** that connect the **substation busbar** to each of the incoming or outgoing lines or to the substation transformer or machine.

Transformers

An electrical device that **increases or decreases the voltage in an alternating current electrical circuit** by means of electromagnetic interaction, **maintaining the capacity**.

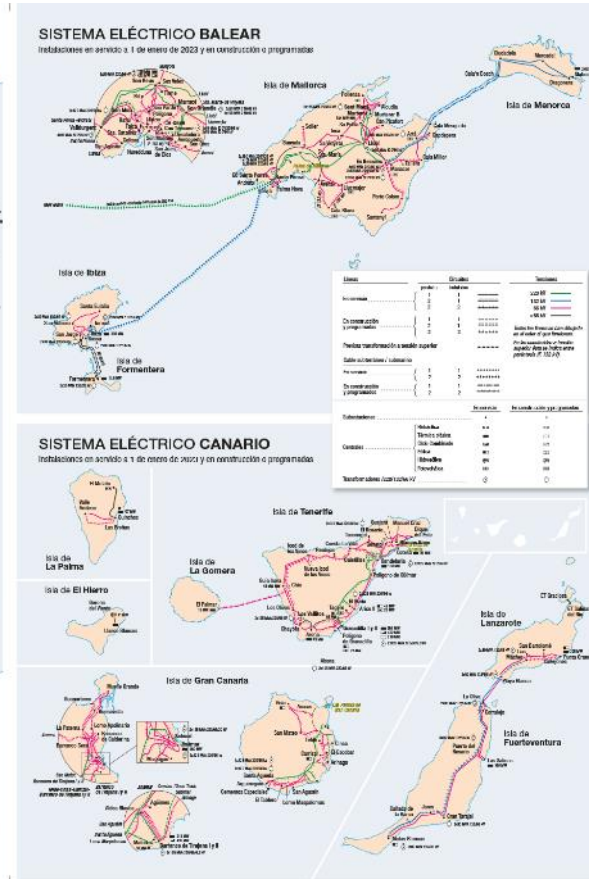
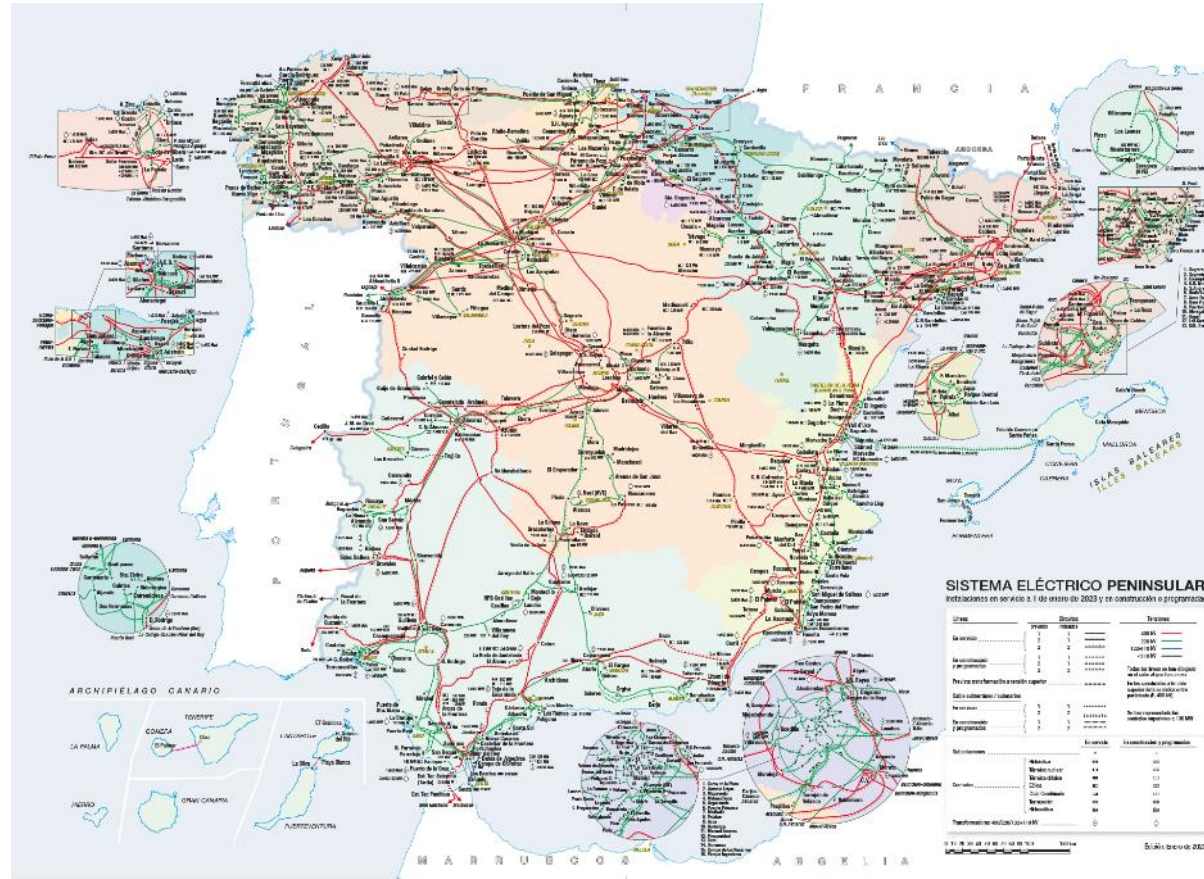


Electricity transmission grid in Spain

Red Eléctrica designs, builds, maintains, and owns the national transmission grid

Highly meshed grid

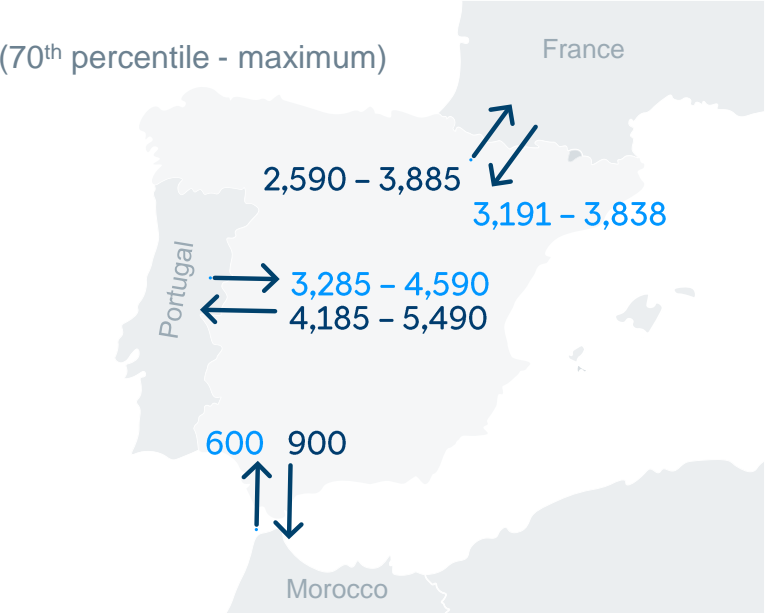
- Mainly 400 and 220 kV **lines**.
- 45,141 km of **circuits** (HVAC & HVDC).
- **Substations:** 6,357 substation bays and 94,981 MVA of transformation capacity.
- International **interconnections** and links.



International interconnections

The Iberian Peninsula is considered an energy island

Interconnection capacity at borders (MW)



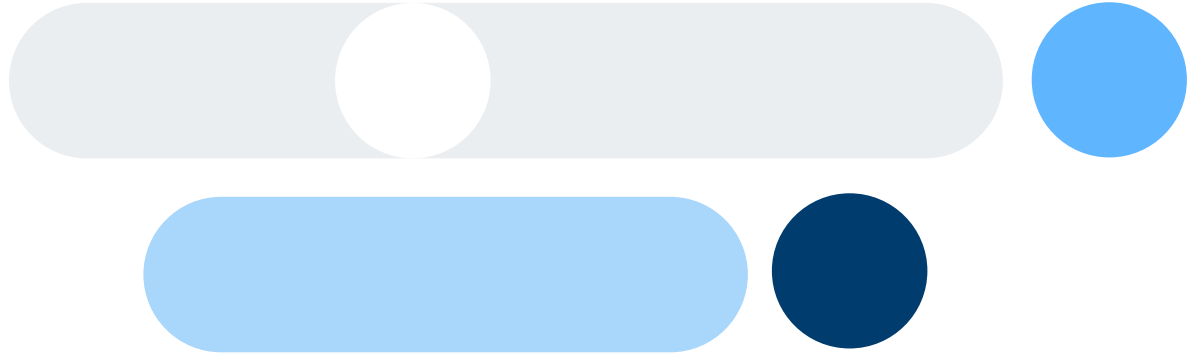
Interconnection ratio	70 th percentile	Maximum
Iberian Peninsula	1.9%	2.7%

Calculation of the interconnection ratio

Import capacity versus installed generation capacity. For the Iberian Peninsula, it incorporates the import capacity with France, and the installed capacity in Spain and Portugal.¹

European targets

- **Values far short of European targets:** the EU recommended in 2002, and ratified in subsequent years, that all Member States should achieve a minimum **10% interconnection ratio by 2020** to eliminate isolated systems, facilitate mutual support, and promote the Single Electricity Market. Subsequently, a new minimum of 15% was set for 2030².
- The **Ten-Year Network Development Plan** published by ENTSO-E in May 2023 estimates an **optimal interchange capacity** between Spain and France of **8,000 MW in 2030** and **9,500 MW in 2040**.



1. Does not include interconnection capacity with Morocco as it is not subject to European obligations and commitments.
2. Summit for Energy Interconnections Spain-France-Portugal-European Commission-EIB Madrid (2015) and 2nd Summit for Energy Interconnections Spain-France-Portugal-European Commission-EIB Lisbon (2018).

Peninsular and non-peninsular transmission grid

	2021	2022	2023 ¹
km of 400-kV circuit	21,768	22,013	22,057
km of ≤ 220-kV circuit	22,946	23,006	23,165
Total km of circuit	44,714	45,019	45,223
400 kV substation bays	1,591	1,628	1,697
220 kV substation bays	3,377	3,423	3,475
<220 kV substation bays	1,137	1,163	1,185
Total substation bays	6,105	6,214	6,357
Transformer capacity (MVA)	93,496	94,221	94,981

Kilometres of line circuits, 2023¹

	Peninsula	Balearic Islands	Canary Islands	Total
Overhead lines (km)	40,658	1,142	1,260	43,060
Submarine cable (km)	265	636	45	945
Underground cable (km)	672	227	318	1,217
Total	41,595	2,005	1,623	45,223

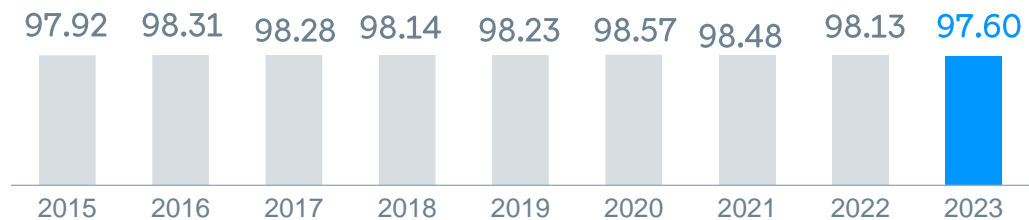


Source: <https://www.sistemaelectrico-ree.es/en/spanish-electricity-system/transmission/electricity-transmission-grid-facilities>

1. Information based on provisional data as of January 2024.

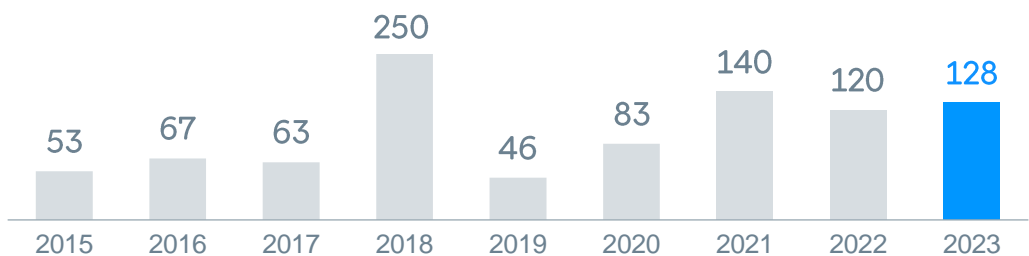
Network availability

Peninsula (%)



Energy not supplied, peninsula

MWh



Average interruption time, peninsula¹

Minutes



1. TIM: Time in minutes obtained by dividing the energy not supplied (ENS) by the average power of the peninsular system.

Source: <https://www.sistemaelectrico-ree.es/en/home>



Putting the consumer at the centre

redOS

- Real-time information on the main system operation indicators via mobile devices.
- The app provides users with two profiles: consumers with simple information to place the citizen at the centre of the electricity system, and professionals with more technical information.

<https://www.ree.es/en/activities/operation-of-the-electricity-system/redos-app-system-operator>



Online customer service

- This includes all the necessary information for the services in which generators, marketers, distributors, or consumers participate.

<https://www.ree.es/es/clientes>



E-sios

- This System Operator data system carries out the scheduling process of the production market for mainland Spain's electricity system.
- It manages the scheduling of international exchanges and system adjustment services, communication with the Iberian System Market Operator, market participants and neighbouring TSOs.

<https://www.esios.ree.es/en>



3.1

Red Eléctrica Electricity planning

Key for meeting the PNIEC commitments.

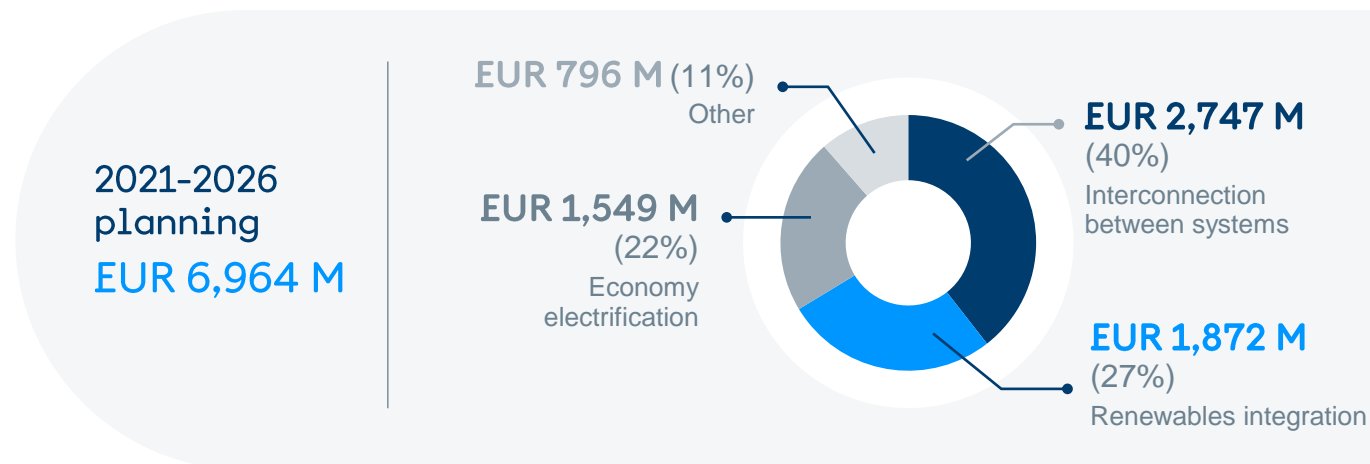
Main characteristics

- The plans are established for **6-year periods**.
- **Competence of the State**, with participation of the Autonomous Regions and a CNMC report.
- Submitted to the **Congress of Deputies** and approved by the government.
- **Red Eléctrica** prepares the first proposal and provides **technical support** to the Ministry throughout the process.
- **Binding** planning for electricity transmission:
 - » Due to its nature as a basic infrastructure.
 - » Natural monopoly.
 - » Coordination with urban- and land-use planning.
- The **National Integrated Energy and Climate Plan** (“**PNIEC**”, its Spanish acronym) incorporates estimates of demand and generation and determines the scenario for drawing up the transmission grid development Plan.

<https://www.planificacionelectrica.es/en>

2021-2026 Electricity Plan

- Specially designed to deploy new renewable facilities in areas with the best resources and lowest environmental impact.
- Maximum penetration of renewable energy: 67% in the peninsular system in 2026.
- New developments to connect island systems and strengthen international interconnections.
- Intensive use of the existing grid, renewing and expanding its capacity and using new technologies.



On 16 April 2024, the Council of Ministers approved the **Modification of Specific Aspects** of the current Planning, with a 2026 horizon, which includes an additional net investment of 489 M€, focused on enabling the connection of new consumption and making the transmission grid viable.

More grid to accelerate the energy transition

8,000 km

Improvement of the existing grid

2,700 km

New lines

700 km

Submarine cables

[Home | 2021-26 Electricity planning \(planificacioneolica.es\)](#)



Hook ups to the Iberian Peninsula and between islands

- **Peninsula-Ceuta.**
Expected in 2025.
- **Peninsula-Balearic Islands.**
Expected >2026.
- **Ibiza-Formentera.**
Commissioned in 2023.
- **Tenerife-La Gomera.**
Expected in 2025.

International interconnections

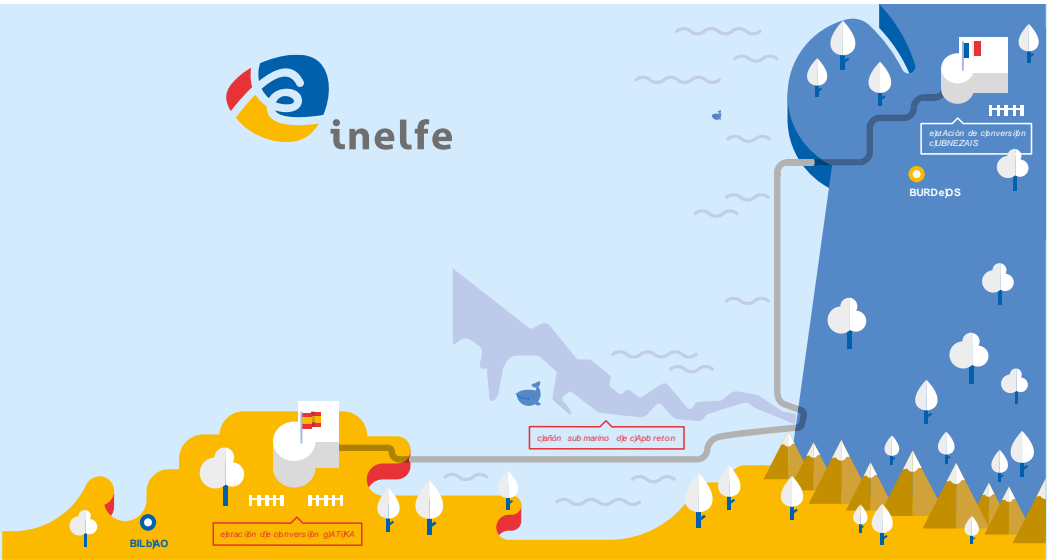
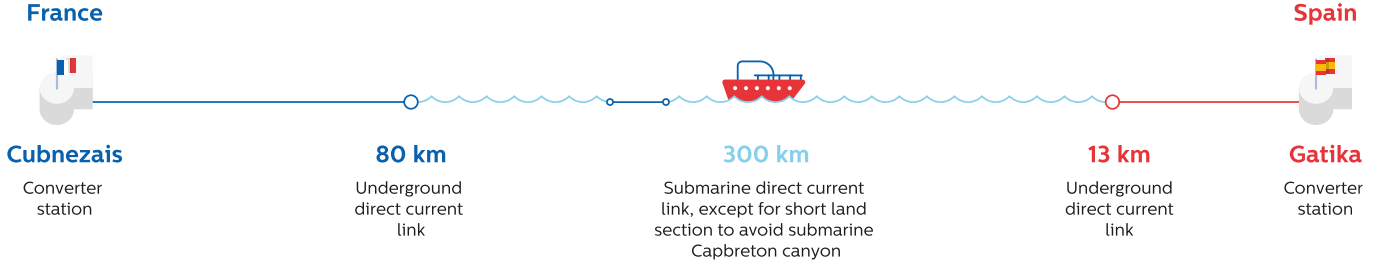
- **Spain-France via the Bay of Biscay.**
Expected in 2028.
- **Aragón-Atlantic Pyrenees**
After Bay of Biscay interconnection.
- **Navarre-Landes (France)**
After Bay of Biscay interconnection.
- **Galicia-Northern Portugal**
Expected in 2024.
- **Spain-Morocco (3rd cable)**
Expected in 2026.

Energy storage

- **Salto de Chira pumping station** on Gran Canaria.
Expected in 2027.

Spain-France submarine interconnection via the Bay of Biscay (I)

- Inelfe¹ responsible for building and commissioning the interconnection.
- EU Project of Common Interest (PCI).
- Underwater DC connection (HVDC)²
- 4 cables. Two per connection.
- 400 km. Interconnection length.
- 2 x 1,000 MW. Transmission capacity.
- Exchange capacity increase up to 5,000 MW.



1. This company is equally owned by the Spanish electricity system operator and transmission company, Red Eléctrica, and its French counterpart, Réseau Transport d'Électricité (RTE).
 2. HVDC (high voltage direct current) cable with the exception of a short section of cable to avoid the Capbreton Canyon.

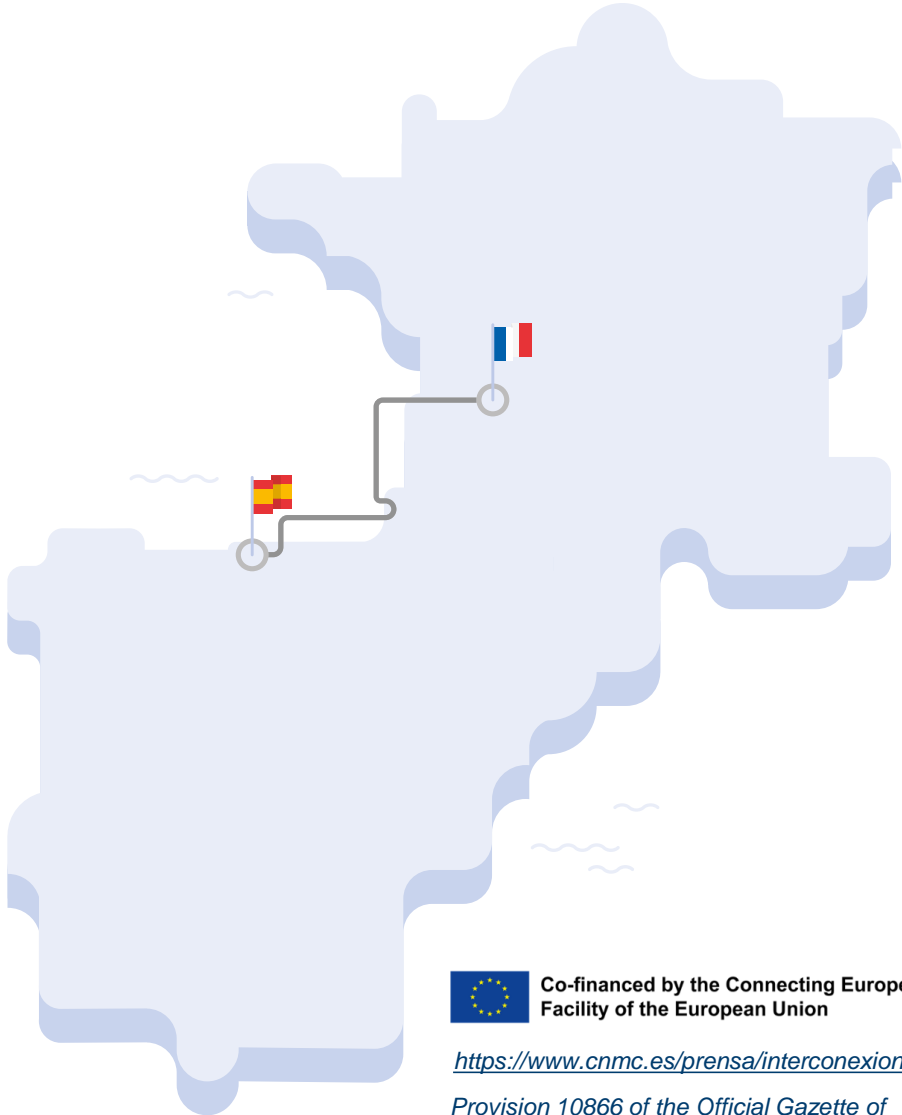
<https://www.inelfe.eu/en>


Spain-France submarine interconnection via the Bay of Biscay (II)

Project costs

- **Project cost-sharing agreement** between CNMC & CRE regulators in February 2023.
 - » Total cost of EUR 2,850 million.
 - » Spain is funding 51% of the total project.
- **EU subsidy** of EUR 588 million, EUR 238 million of which correspond to Spain.
- **Financed with congestion rents¹**: congestion rents are split 50/50 between RE and RTE.
- The **singular nature** of the interconnection was granted in May 2023:
 - » The best economic estimate of the investment value of the project is established as EUR 1,464 million for Red Eléctrica.
 - » The maximum investment value with the right to remuneration charged to tolls (RAB) will be EUR 861 million (subsidies and the part financed by congestion rents are not considered).

1. The price difference between two interconnected areas generates revenues called 'congestion rents' in interchange capacity auctions. These revenues are shared equally between the countries and are destined to the electricity system.

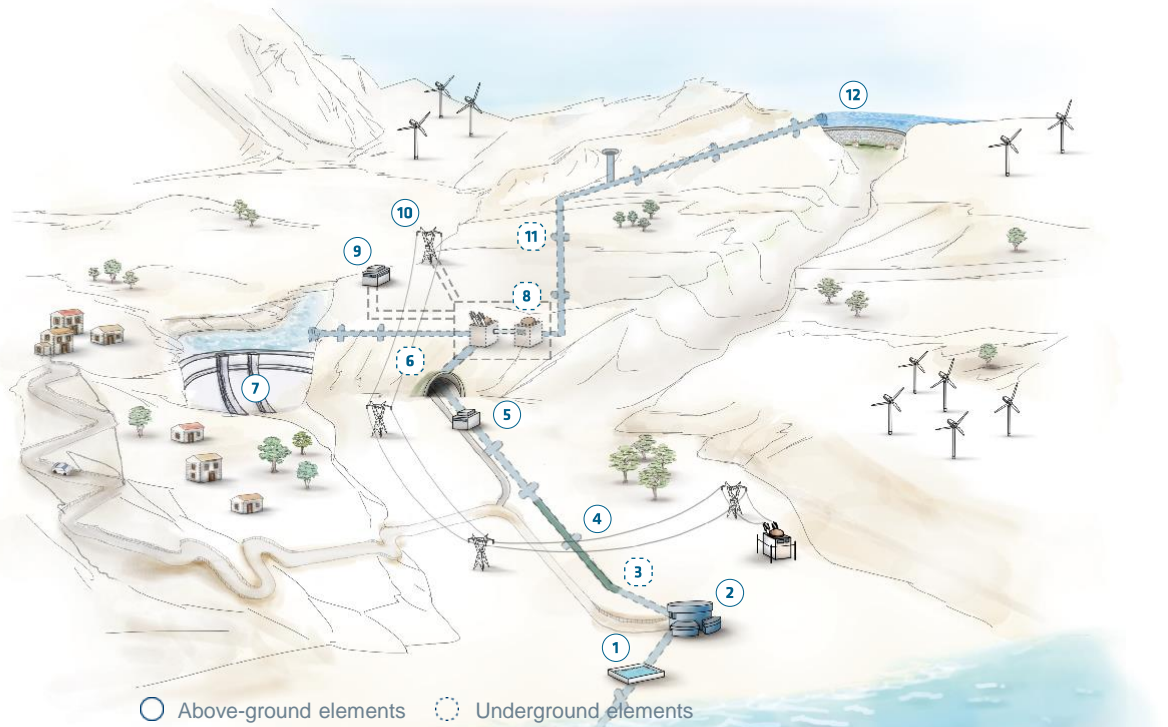


 Co-financed by the Connecting Europe Facility of the European Union

<https://www.cnmc.es/prensa/interconexion-vizcaya-20230302>

Provision 10866 of the Official Gazette of the Spanish State no. 107 of 2023

Allowed in isolated systems to maximise the renewables integration and increase system flexibility, efficiency and security.



- Above-ground elements ⊖ Underground elements
- 1. Seawater collection tank.
- 2. Seawater desalination plant (including pumping station I).
- 3. 20 km desalinated water pipeline.
- 4. Tourist path.
- 5. Desalinated water pumping station II.
- 6. 2-km access tunnel to the plant.
- 7. Soria dam.
- 8. Power station cavern and transformer cavern (including 220 kV substation).
- 9. Control and auxiliary services building.
- 10. 220-kV power line.
- 11. Hydraulic circuit.
- 12. Chira dam.

Salto de Chira pumped-storage hydropower plant

 3.5 GWh Storage	 >20% Reduction of CO ₂ emissions	 Over 100,000 Engineering hours	 200 MW Turbine capacity
 51% Renewable penetration in 2026	 4,366 Jobs created in Spain	 2.7 Hm³ Water produced per year	 1.2% GDP of the Canary Islands
 EUR 122 million Variable generation cost savings	 3,518 Jobs created in the Canary Islands	 ~ EUR 600 million Planned investment	 2027 Expected

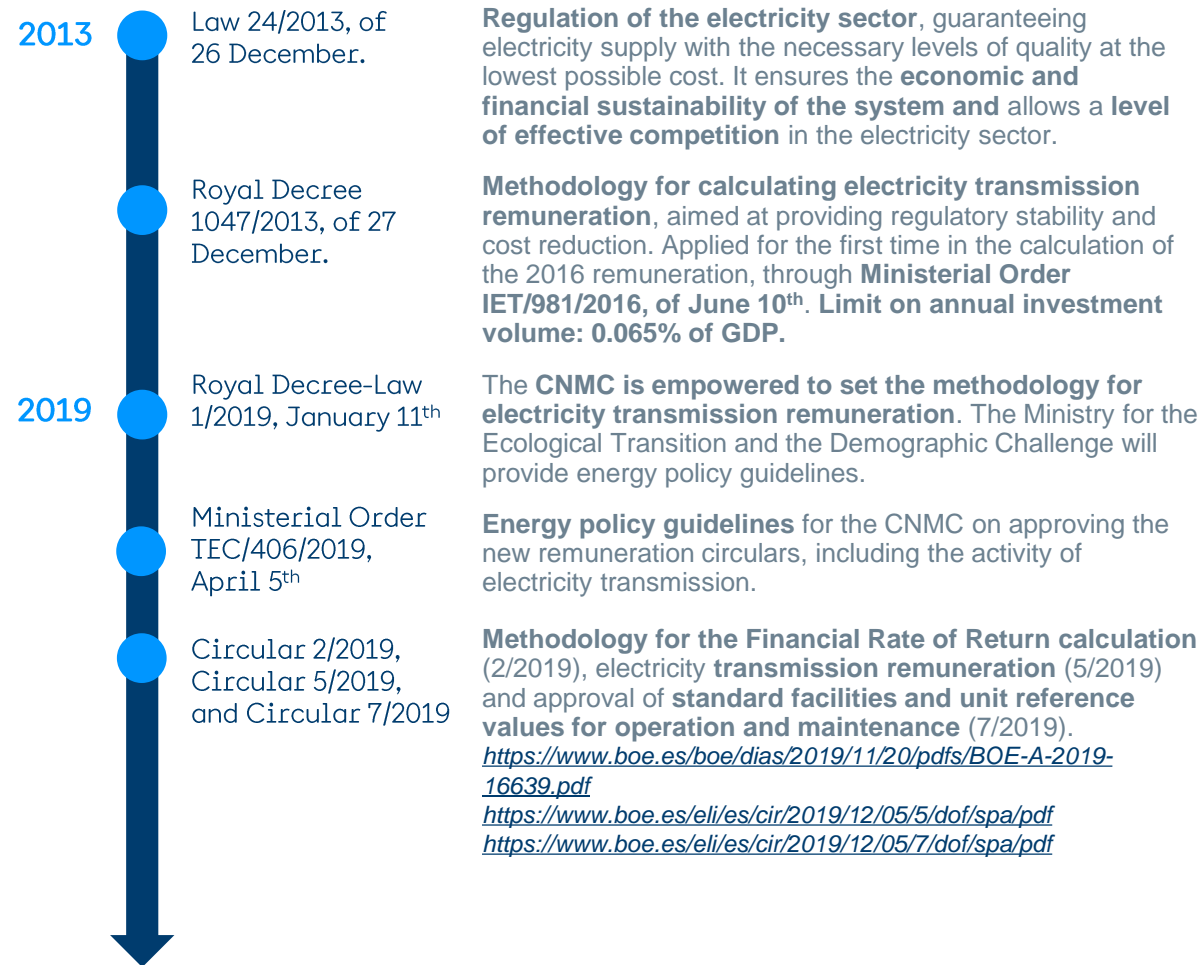
<https://www.ree.es/en/activities/unique-projects/salto-chira-pumped-storage-hydropower-plant>

3.2

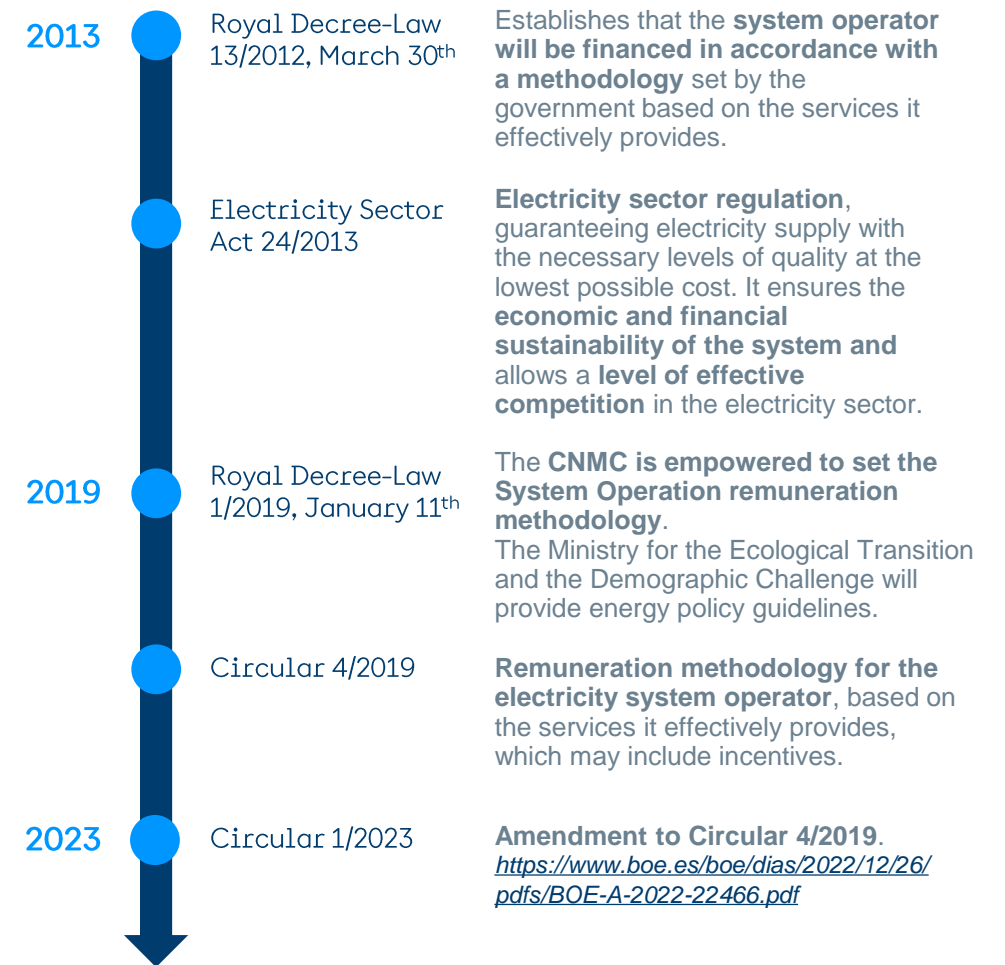
Red Eléctrica Remuneration framework

Main regulatory provisions for remuneration of Transmission and System Operation

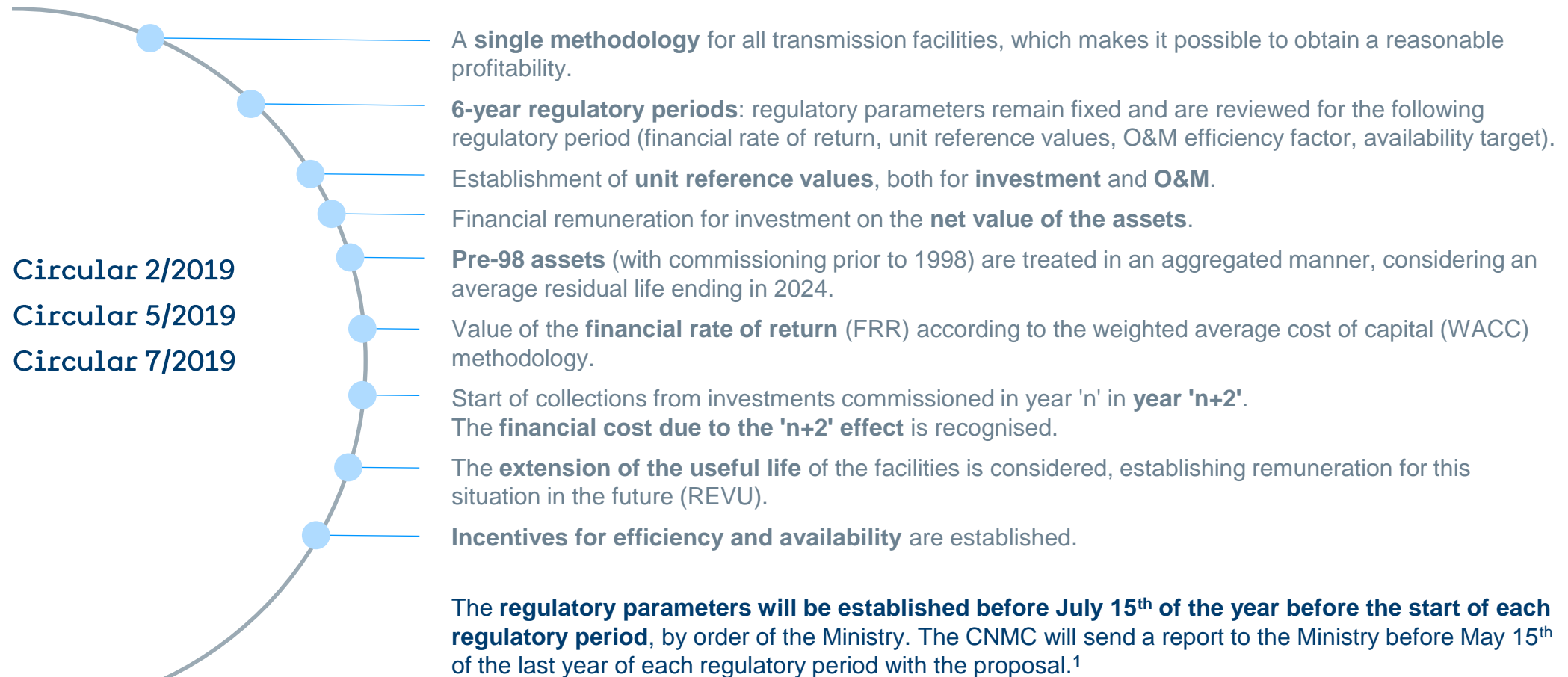
Transmission of electricity



System Operator



Basic principles

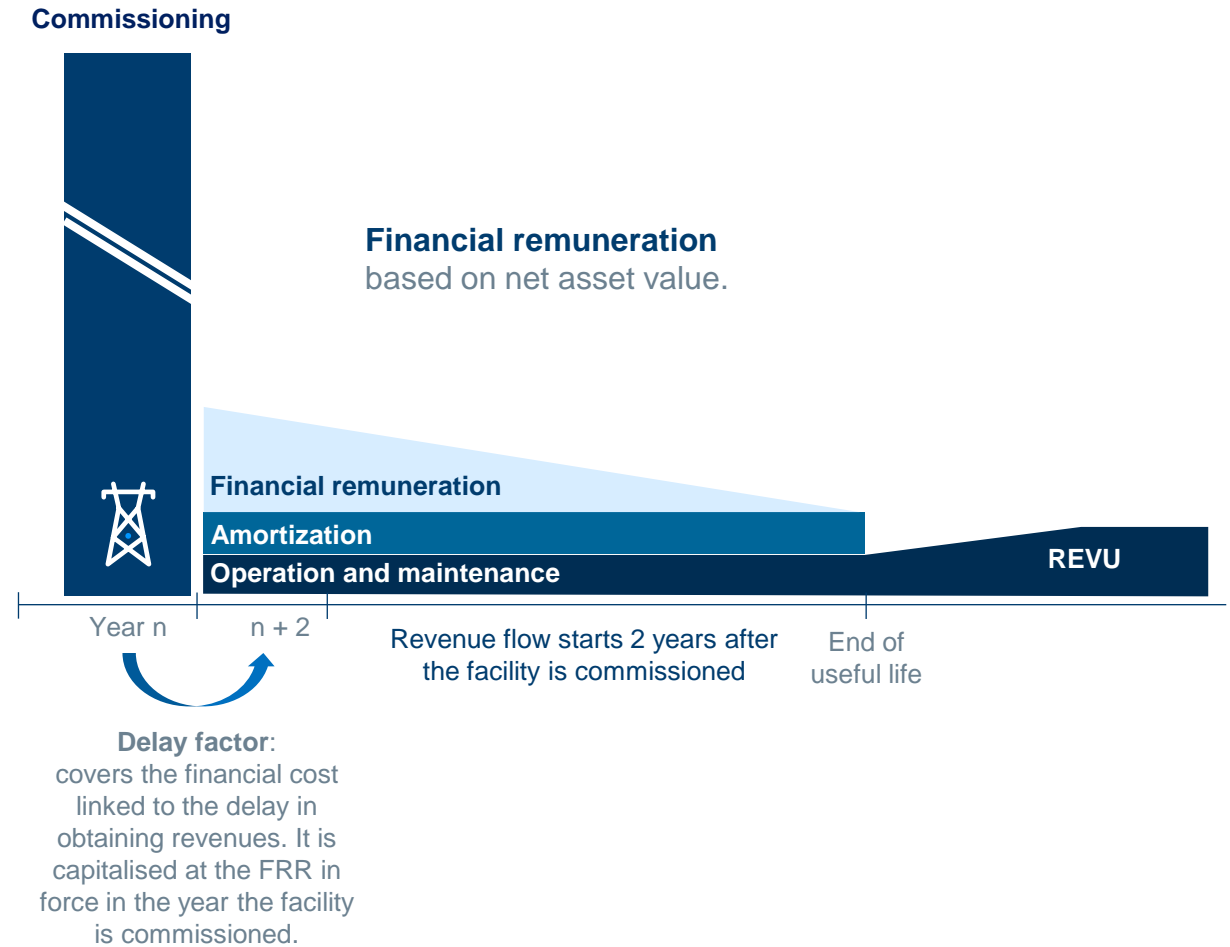


1. Royal Decree 1047/2013.

Remuneration model for Transmission activity

Predictable and stable model

- RI
 - +
 - ROM
 - +
 - REVU
 - +
 - ID
- Investment remuneration:** Allows the recovery of the capital invested with a 'reasonable' return over the useful life of the facilities. Composed of **financial remuneration and amortization remuneration.**
- Operation and maintenance (O&M) remuneration** recognises O&M costs while the facility is in service.
- Remuneration for the extension of useful life:** for facilities that have exceeded their regulatory useful life.
- Availability incentive:** associated with the degree of availability offered by the transmission facilities.



Remuneration model for Transmission activity

Investment remuneration (RI)

This is made up of remuneration for amortization and financial remuneration

$$R = RI + ROM + REVU + ID$$

Remuneration for amortization (A)

+

Financial remuneration (FR)

This will be obtained from the **investment values** and the **useful life** of the facility.

$$A = \frac{VI}{VU}$$

VI **Standard facilities:** average between the audited investment value of the facilities and the reference unit value of the year of commissioning. Adjusted with the delay factor.

For **facilities commissioned since 2018:**

if the construction margin (positive or negative) exceeds 12.5% of the actual value, the recognised value is limited to this percentage.

Non-standard facilities¹: the value of the investment will be the average of the actual value and the value approved in the singularity resolution.

Any public subsidies received by the facility will be deducted from the investment value. This value shall be 90 % of the amount received and in no case shall the 10 % margin to be considered exceed €10 M.

VU The **useful life** of the facilities is 40 years for most facilities.²

This will be calculated based on the **net value of the investment** and the **Financial Rate of Return** set.

$$FR = VN \cdot FRR$$

VN **Net value of the investment of the facility**, deducting accumulated amortization.

FRR Value established by CNMC **Circular 2/2019**: 5.58% for the period 2020-2025 (6.003% in 2020).

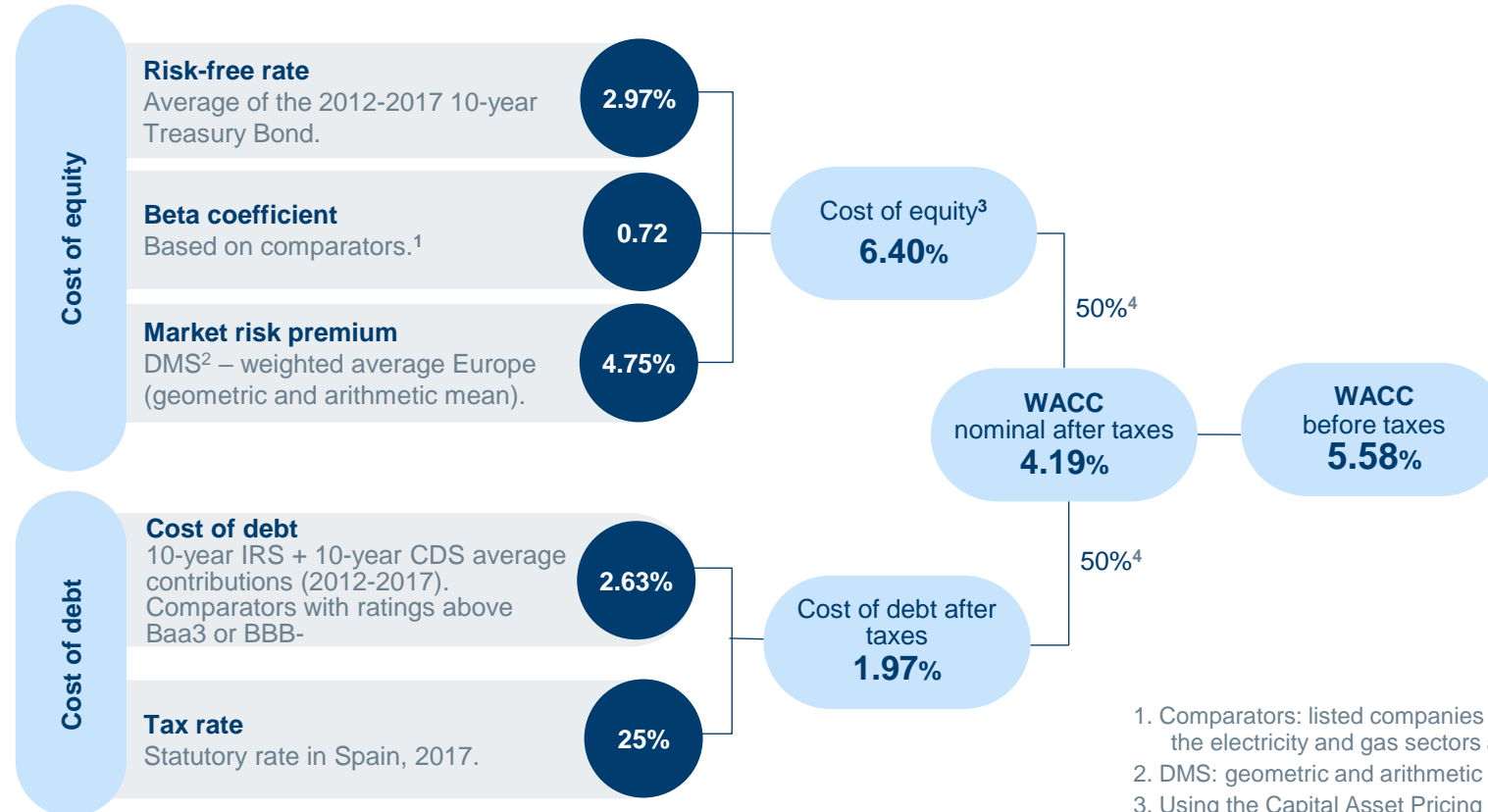
1 Non-standard facilities (singular): those that do not have a reference unit value associated with them due to their particular characteristics.

2 Manoeuvring offices will generally have a regulatory useful life of 12 years.

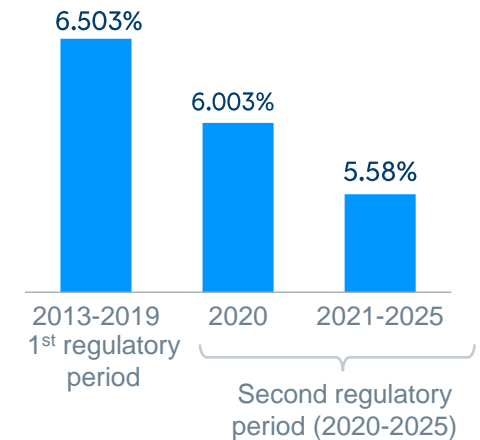
Remuneration model for Transmission activity

Financial Rate of Return (FRR) calculation for the period 2020-2025

Circular 2/2019: weighted average cost of capital model (WACC)



The **third regulatory period** begins in 2026 and runs through 2031.



1. Comparators: listed companies carrying out network activities, both transmission and distribution, in the electricity and gas sectors at European level, irrespective of their size.
2. DMS: geometric and arithmetic averages published in the DMS report (Dimson, Marsh and Staunton).
3. Using the Capital Asset Pricing Model (CAPM).
4. Regulatory leverage ratio: taking into account both the observed leverage of comparators and regulatory leverage ratios of other European regulators.

Remuneration for Operation and Maintenance

Remuneration based on **reference unit values for operation and maintenance** updated throughout the life of the asset, in each regulatory period.

Efficiencies: companies can retain 100% of the efficiency gains obtained from OPEX.

$$R = RI + ROM + REVU + ID$$

Life Extension Remuneration

Those facilities that have reached the **end of their useful life** and remain in service will see their O&M remuneration increase by 30% in the first 5 years. This percentage will rise 1%/yr. for years 6-10, by an additional 2%/yr. for years 11-15, and by a further 3%/yr. from year 15 onwards, up to a maximum allowed level of 100%.

$$REVU = \mu \times ROM$$

ROM: O&M remuneration corresponding to the facility in year n.

μ : Life extension factor that varies according to the number of years since the end of the useful life.

$$R = RI + ROM + REVU + ID$$

Incentive for availability

ID: For a given year, it may range from +2.5% to -3.5% of the O&M remuneration value of that year.

$$R = RI + ROM + REVU + ID$$

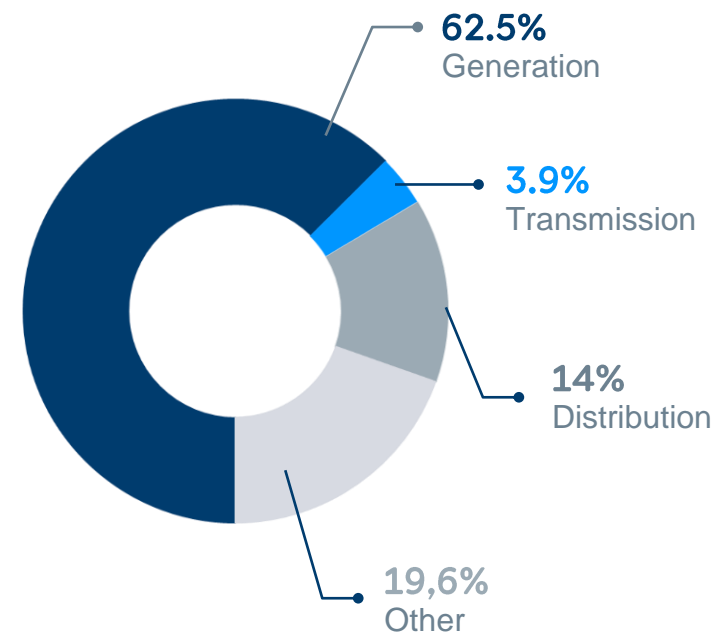
Breakdown of electricity sector costs

Transmission activity accounts for less than 5% of the sector's total costs in 2023

2023 Electricity sector costs

- Transmission remuneration corresponds to the estimated value by the CNMC for 2023¹.
- Remuneration for 2023 is provisional until the CNMC publishes the resolution with the final remuneration for 2021, 2022 and 2023.
- The Ministry for Ecological Transition and the Demographic Challenge published the final remuneration for transmission activity in 2016 (Order TED/1311/2022) and 2017-2019 (Order TED/1343/2022) at the end of 2022 and year 2020 by mid 2023.

Total electricity sector costs: EUR 38,609 million



1. Total transmission grid remuneration year 2023, CNMC estimate taken from Table 11 of the Report on access tolls to the electricity transmission and distribution networks for year 2023, which amounts to €1,493 M

System Operation remuneration model

CNMC Circular 4/2019

Composed of a remuneration base, incentives, and the annual amount accrued from the regulatory account for new obligations

Remuneration base: Opex + Opex margin + Amortisation + RF

- Opex: Opex remuneration calculated on the basis of accounting costs.
- Opex margin of 5%.
- Amortisation: standard amortisation term included in the remuneration base for the regulatory period.
- FR: financial remuneration term. The same FRR as for transmission activity (5.58%).



Incentive remuneration¹

- Resolution of technical restrictions.
- Demand forecast.
- Renewable energy forecast.
- Efficient setting of the level of thermal reserves.
- Response to stakeholder queries.
- Promotion of new services.

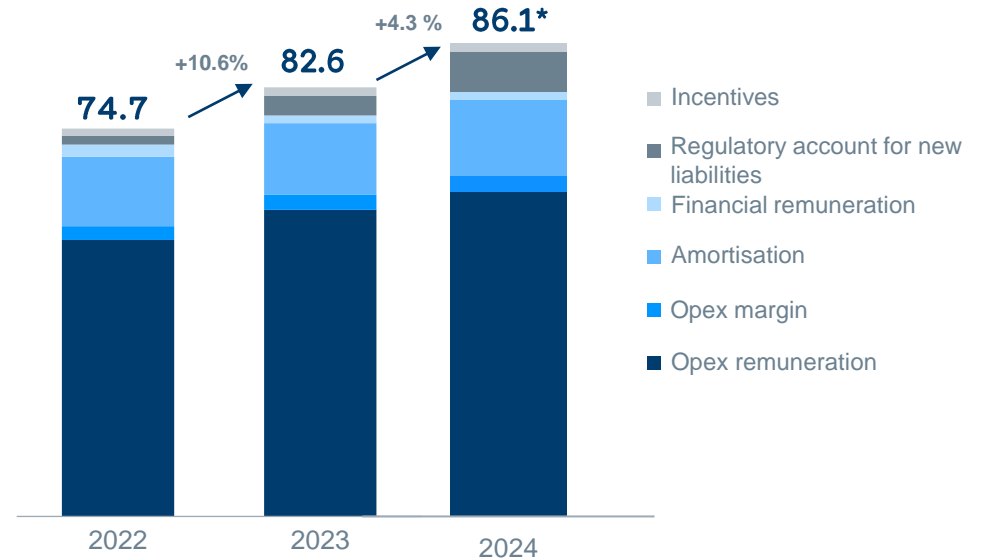


Regulatory account

- Balance available to the System Operator during the regulatory period to assume new obligations attributed by EU or Spanish regulations.

1. Incentives modified in Circular 1/2023.

System Operation remuneration for 2023-2025 (M€)



The parameters are established for **3-year regulatory periods**, remaining fixed during these periods. The first period covers 2020-2022 and the second period 2023-2025.

* https://www.boe.es/diario_boe/txt.php?id=BOE-A-2023-26328

Competence of the Ministry for Ecological Transition and Demographic Challenge

Return on investment

- + • **Remuneration for amortisation:** allowing the value of the investment to be recovered over the useful life of each item in the plant.
- **Financial remuneration:** based on the net value of the investment, deducting accumulated depreciation, and the financial rate of return (FRR).

Fixed and variable O&M remuneration

- + • **Operation and Maintenance Remuneration:** recognises the fixed and variable costs associated with the operation and maintenance of the facility.

Construction phase remuneration

- + • **Remuneration associated with the construction phase:** an investment value is determined, consisting of the capitalisation of the investment accumulated during the construction phase (work in progress), and received over a period of 5 years from commissioning.

Incentive

- **Storage incentive:** linked to integrating renewables.

Investment value: provisional recognised value of EUR 589 million. The final investment value is established as the average of the provisional value approved in the Order and the real book value. (Royal Decree 738/2015).

Useful life: the Order establishes the regulatory useful life of each of the plant's items (civil engineering 65 years, electromechanical equipment 25 years, desalination plant 25 years, etc.).

Financial rate of return (FRR): 5.58%, the same FRR as established for plants under the additional regime for non-peninsular systems (section 28 of Royal Decree 738/2015) revisable every regulatory period (every 6 years).

Subsidy: subtracted from the recognised value. **EUR 90 million subsidy granted with ERDF funds.**

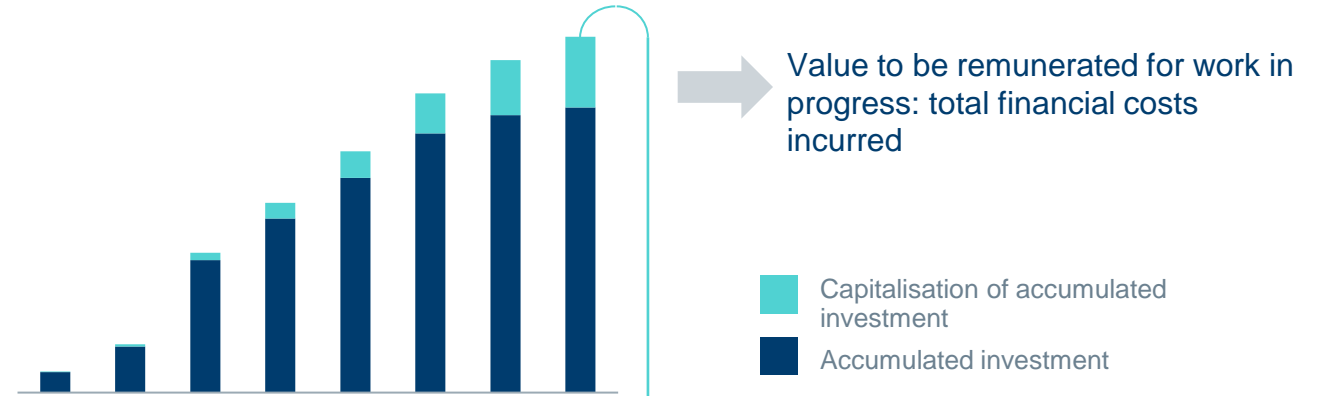
For accounting purposes, it is recorded in accordance with IFRIC 12 (service concession arrangements), which has a positive impact on the income statement during the construction phase, depending on the degree of progress.

Ministerial Order TED/1243/2022:
<https://www.boe.es/eli/es/o/2022/12/02/ted1243>

Work in progress remuneration

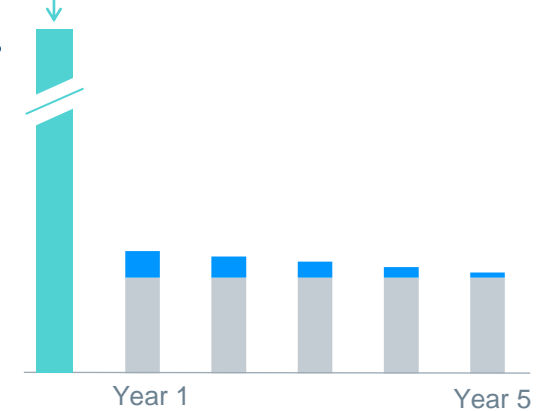
- A **value to be remunerated** is determined by **capitalising the accumulated investment during the construction phase** (work in progress). The interest rate to be used is equal to the financial rate of return in force each year, currently 5.58%.
- It is remunerated during the first five years after the facility is commissioned:
 - » Straight-line amortisation over five years.
 - » Financial remuneration on the net value at the current rate.
- **Payment (cash)** is received during the first five years after commissioning.

Construction period



Remuneration in 5 years

- Financial remuneration on net value
■ Straight-line amortisation over 5 years



Note: calculations according to the data published in Ministerial Order TED/1243/2022, maintaining the current remuneration rate of 5.58%.

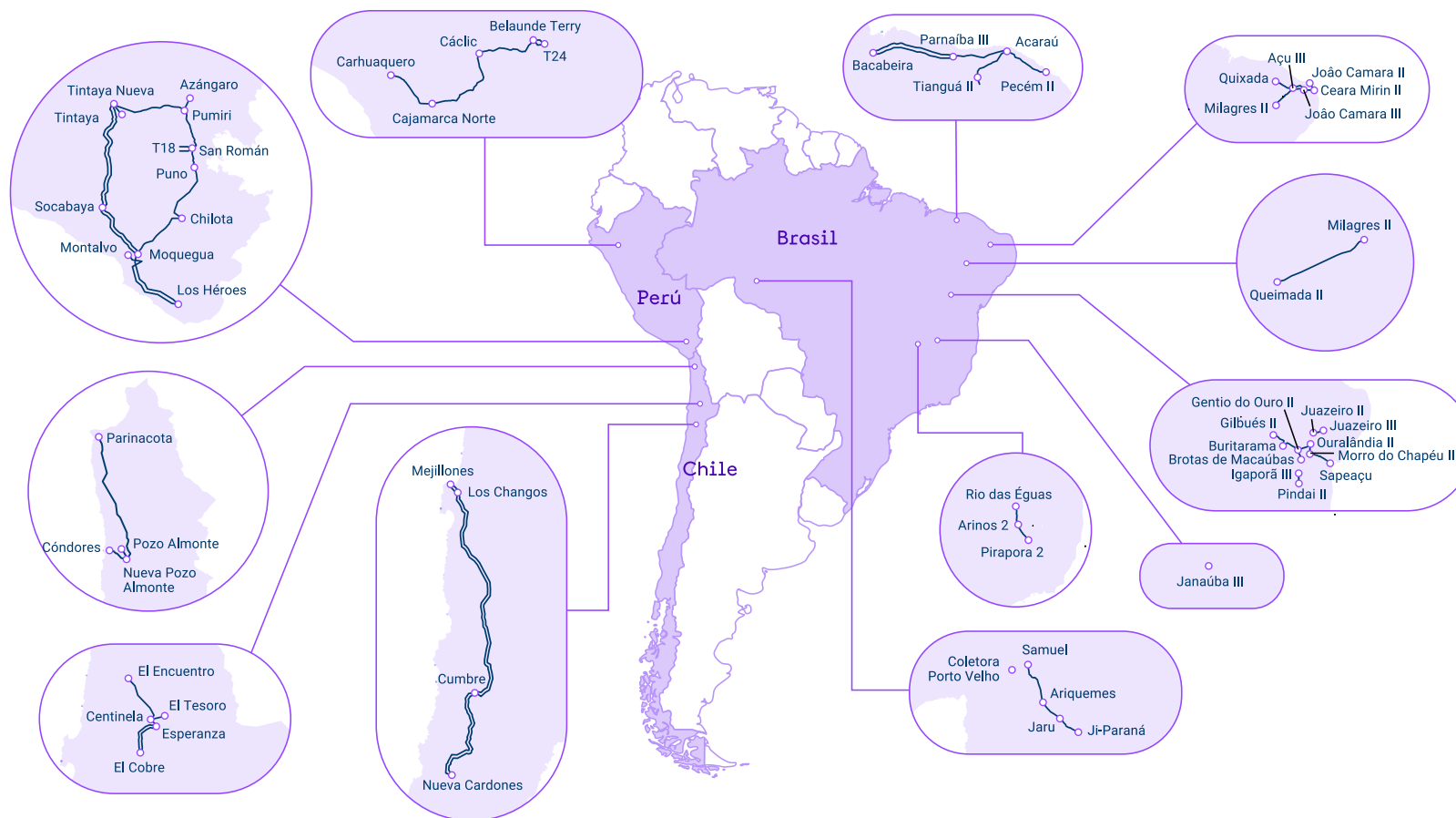
Redinter

4



Over 20 years building and managing networks in Latin America, with c. EUR 1,650 million¹ invested through 2023

Redeia's international presence



Peru

- Presence since **1999**.
- We manage **1,692 km** of transmission lines, all in commercial operation.

Chile

- Presence since **2016**.
- We manage **1,767 km** of transmission lines in commercial operation.

Brazil

- Presence since **2020**.
- We manage **4,213 km** of high-voltage circuit lines.

1. Includes a 5% financial stake in REN.

Note: figures at 2023 year-end.

Redinter

Peru

- **Red Eléctrica Andina, S.A.C. 100%**
- **Red Eléctrica del Norte Perú, S.A.C. 100%**
 - Concesionaria Línea de Transmisión CCNCM, S.A.C. 100%
- **Red Eléctrica del Sur S.A. 100%**
 - Transmisora Eléctrica del Sur, S.A.C. 100%
 - Transmisora Eléctrica del Sur 2, S.A.C. 100%
 - Transmisora Eléctrica del Sur 3, S.A.C. 100%
 - Transmisora Eléctrica del Sur 4, S.A.C. 100%

Chile

- **Red Eléctrica Chile, SPA. 100%**
 - Red Eléctrica del Norte, S.A. 69.9%
 - Red Eléctrica del Norte 2, S.A. 100%
 - Transmisora Eléctrica del Norte, S.A. 50%
 - Compañía Operadora de Infraestructuras Eléctricas S.A. 50%

Brazil

- **Red Eléctrica Brasil Holding LTDA. 100%**
 - **Argo Energía Empreendimentos e Participações, S.A. 50%**
 - Argo Transmissão Empreendimentos e Participações, S.A. (Argo I). 100%
 - Argo II Transmissão Empreendimentos e Participações, S.A. (Argo II). 100%
 - Argo III Transmissão Empreendimentos e Participações, S.A. (Argo III). 100%
 - Argo IV Transmissão Empreendimentos e Participações, S.A. (Argo IV). 100%
 - Argeb Energía Empreendimentos e Participações, S.A. 62.5%
 - Argo V Transmissão de Energía S.A. (Argo V). 100%
 - Argo VI Transmissão de Energía S.A. (Argo VI). 100%
 - Transmissora José María de Macedo de Electricidade, S.A. (Argo VII). 100%
 - Giovanni Sanguinetti Transmissora de Energía S.A. (Argo VIII). 100%
 - Argo IX Transmissão de Energía, S.A. (Argo IX). 100%

Portugal

- **Redes Energéticas Nacionais, S.A. 5%**

Note:

- Stake in **Red Eléctrica del Norte S.A** together with Cobra Instalaciones y servicios.
- Stake in **TEN** (Transmisora Eléctrica del Norte S.A.) together with Engie Energía Chile.
- Stake in **Argo Energía** together with Grupo Energía Bogotá (GEB).

Milestones and key figures

Milestones

- 1999** ● Entry into Peru through REA, and award of Red Eléctrica del Sur.
- 2016** ● Entry into Chile following the award of Red Eléctrica del Norte S.A. (Redenor) and the acquisition of 50% of TEN.
- 2018** ● Acquisition in northern Peru of Sociedad Concesionaria Línea de Transmisión CCNCM with 220 kV (Redelnor).
Acquisition of Redenor 2 in Chile.
- 2019** ● Acquisition of 50% of the ordinary shares of Argo Energía (Brazil).
- 2022** ● Acquisition and takeover of Rialma Transmisora de Energía III, integrated as Argo IV (Brazil).
Commercial operation of Argo II (Brazil).
Takeover of operation and maintenance of CCNCM (Redelnor).
Redenor (Chile) comes into operation.
Acquisition of 5 lines through joint investment by Argo and Grupo Energía de Bogotá. They are integrated as Argo V, VI, VII, VIII and IX (Brazil).
Start of experimental operation Tesur 4 (Peru).
- 2023** ● Completion of the second phase of REDENOR (Chile).
Commercial operation of Tesur4 (Peru).

Key figures for 2023

EUR 135.7 million

Operating revenue

EUR 105.0 million

EBITDA

EUR 48.8 million

Net profit

99.87 %

Availability of the transmission system in Chile

99.90 %

Availability of the transmission system in Perú

99.45 %

Availability of the transmission system in Brazil

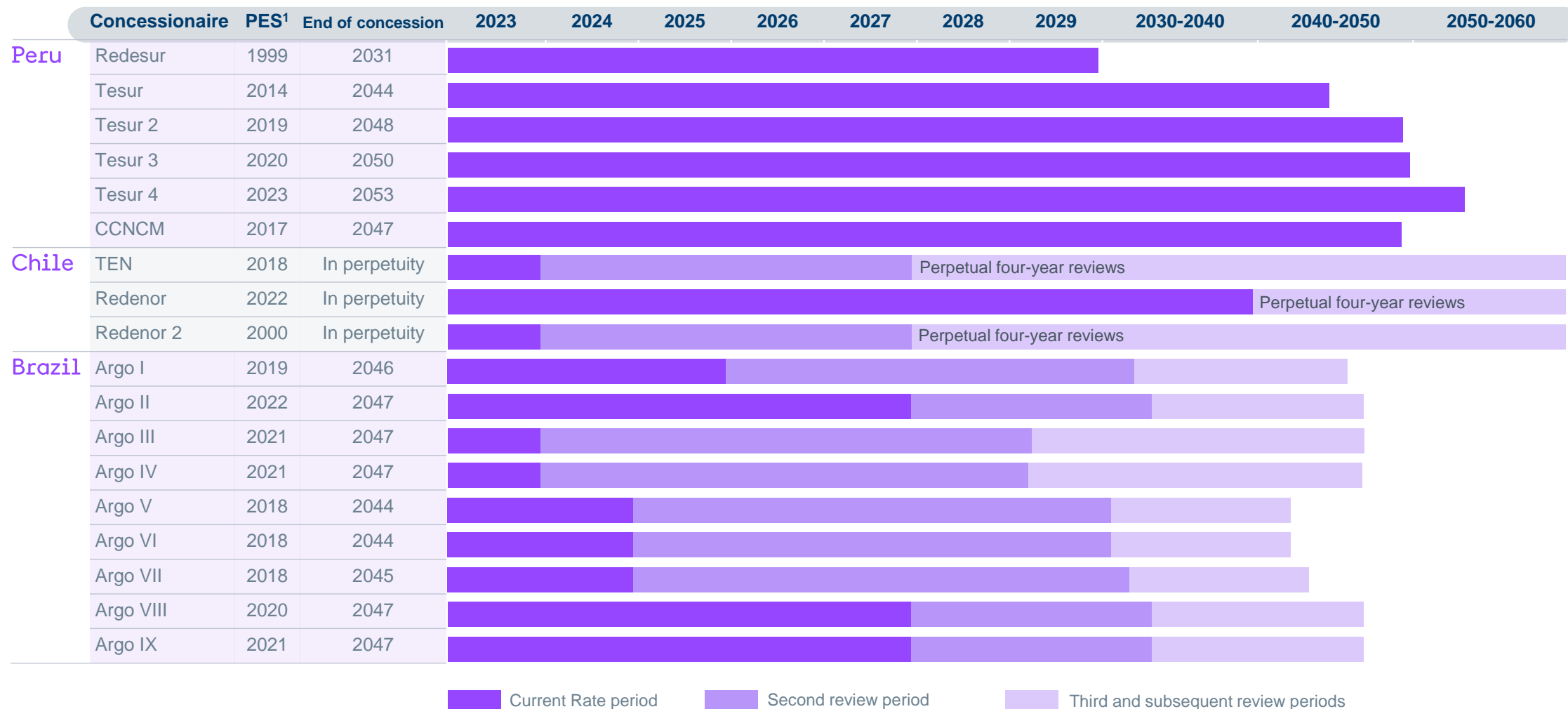
100 %

Availability of the fibre optics network

For Redeia, international business development is a natural way of growth, mainly focused on building and operating transmission grids outside Spain.

Stable and predictable regulatory frameworks

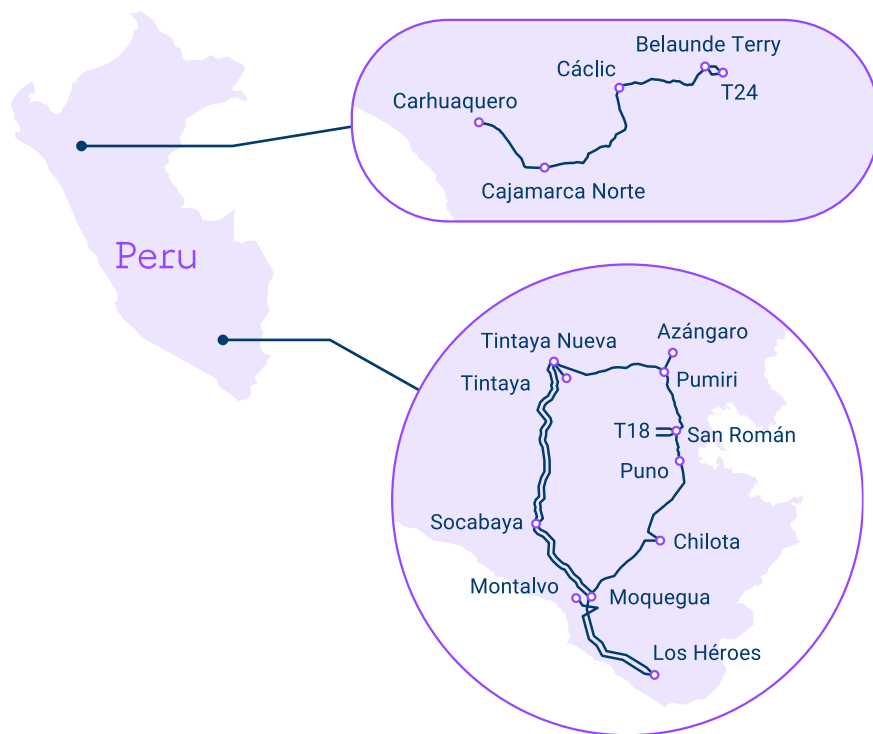
Long-term revenue visibility



Peru: electricity infrastructure

Business in Peru

Having commenced operations in 1999 through Redesur, we are the main transmission company in southern Peru and, with the acquisition of CCNCM, we also operate in the north of the country.



Redesur

Year commissioned	1,999
Stake (%)	100
Km	535
No. of substations	5

Tesur

Year commissioned	2014
Stake (%)	100
Km	407
No. of substations	2

Tesur2

Year commissioned	2019
Stake (%)	100
Km	115
No. of substations	3

Tesur3

Year commissioned	2020
Stake (%)	100
Km	129
No. of substations	1

Tesur4

Year commissioned	2023
Stake (%)	100
Km	128
No. of substations	- ²

CCNCM (Redelnor)¹

Year commissioned	2017
Stake (%)	100
Km	378
No. of substations	4

Total Peru

Stake (%)	100
Km	1,692
No. of substations	15

1. Acquired by Redeia in 2019.
2. Substations accounted in other concessions.

Grid development

Tender process

- Public concession awarded by auction.
- Awarded to the bidder offering the lowest annualised investment (IC) and operation and maintenance (O&M) cost.

Reinforcements

- Based on system needs, bilateral negotiation with the regulator.
- The IC is established on the basis of a table of reference prices published by the coordinator.

Remuneration framework

Duration

- **30 years** after the assets are put into commercial operation (PCO).

Rate

- **Investment Cost (IC):** real pre-tax rate of 12% on the IC offered + PPI / reference PPI.¹
- **Maintenance and Operation Cost (O&M):** based on the cost offered by the concessionaire + PPI / reference PPI.¹
- **Rate revisions:** none.

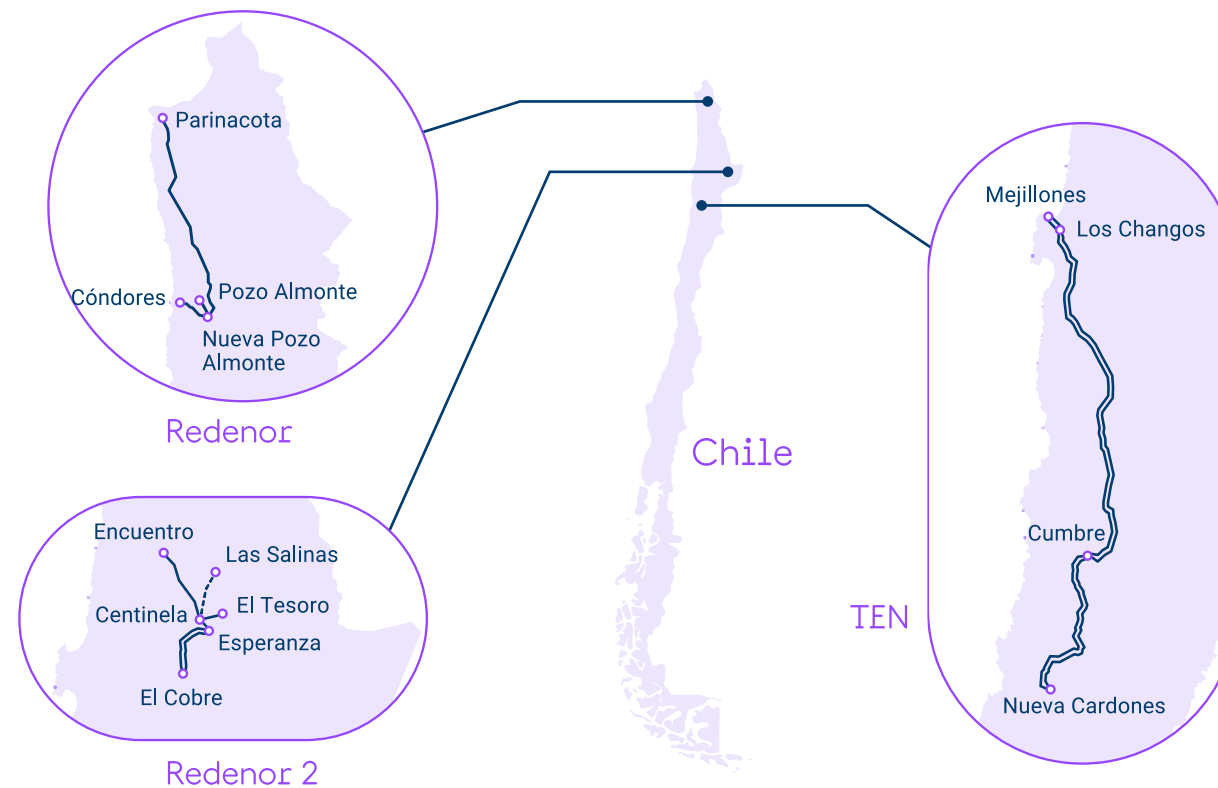
Functional currency

- US Dollar.

1. Benchmark Producer Price Index (PPI): established at the signing of the concession.

Business in Chile

In Chile, our company owns: **50% of TEN**, which owns the electricity interconnection that linked the Norte Grande and Central Chile Systems and gave rise to the National Electricity System in 2017; **70% of Redenor**, a project for a substation, and three lines in the north of Chile near the border with Peru. This project strengthens the national electricity system and improves the security and quality of energy supply in the north of the country, enabling the integration of renewable energies into the energy matrix; and **100% of Redenor 2**, which operates three transmission lines and, in 2023, completed the expansion of its facilities contemplated in the Transmission System Expansion Plan, as well as the connection of a renewable facility (Sierra Gorda photovoltaic park) to the interconnected system. An important project for the integration of renewables and mining services.



Redenor	
Year commissioned	2022
Stake (%)	70
Km	276
No. of substations	4

Redenor 2 ¹	
Year commissioned	2000
Stake (%)	100
Km	285
No. of substations	5

TEN	
Year commissioned	2018
Stake (%)	50
Km	1,206
No. of substations	4

Total Chile	
Km	1,767
No. of substations	13

1. Acquired by Redeia in 2018.

Grid development

Tender process

- Public concession awarded by auction.
Awarded to the bidder offering the lowest annualised investment (IC) and operation and maintenance (O&M) cost.

Reinforcements

- Published by the National Energy Commission (CNE) annually according to the needs of the system.
- The annuity of the investment value (aVI) recognised will be that offered by the awarded constructor and (O&M) cost, both revised every four years.

Remuneration framework

Duration

- Perpetual concession.

Rate

Projects awarded at auction:¹

- First 20 years · Annual Transmission Value per Tranche (VATT) consisting of:
 - » **Annual payment of the Investment Value** (aVI) remunerated at the rate in force on the date + CPI.²
 - » **Operation and Maintenance Costs** + CPI.²
- Years 21 and onwards · VATT reviewed every 4 years at current replacement cost at a minimum rate of 7% and a maximum rate of 10%, monthly indexed.

Functional currency

- US Dollar.

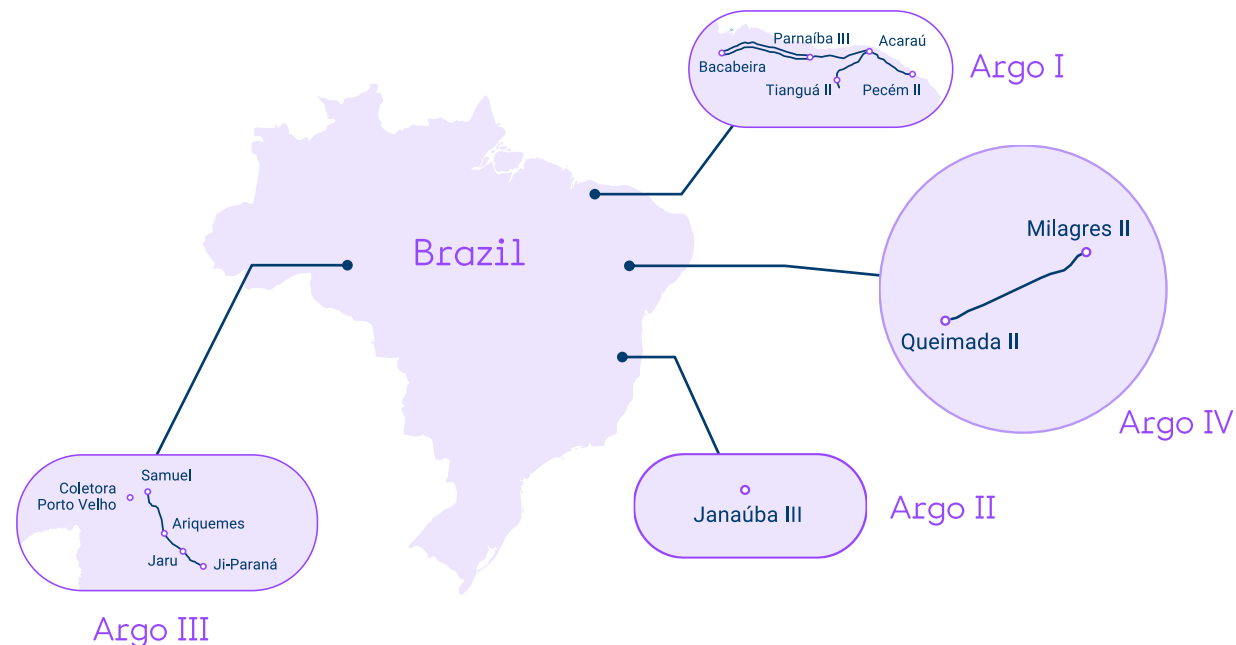
1. Exceptions: TEN is a private initiative project promoted by Engie, subject to regulatory review every four years, although it is classified as a new work and not a 'legacy asset'. Redenor 2 was a tender acquired in 2018 and its assets were already in operation, having reached the end of their first 20 years, and therefore regulatory reviews are carried out every four years.

2. Indexation according to local and international content of the facilities by the indexation factor depending on Chilean inflation rate, American inflation rate, and the exchange rate (USD).

Business in Brazil (I)

In Brazil, the company owns **50% of the holding company Argo**, which in turn owns four concessionary companies Argo I, Argo II, Argo III, and Argo IV and five concessionary companies with 62.5% stakes.

Argo I operates 1,115 km of 500 kV lines and five substations in the northeast region of Brazil. Argo II is a project to expand a substation in the state of Minas Gerais commissioned in 2022. Argo III operates 320 km of 230 kV lines and five substations in the state of Rondônia (most of these facilities were put into commercial operation between the end of May and mid-July 2020, with the last two substations going on line in March and December 2021). Argo IV will enable 312 km of 500 kV lines to be expanded, starting in February 2022.



Argo I	
Year commissioned	2019
Stake (%)	50
Km	1,115
No. of substations	5

Argo II	
Year commissioned	2022
Stake (%)	50
Km	N/A
No. of substations	1

Argo III	
Year commissioned	2021
Stake (%)	50
Km	320
No. of substations	5

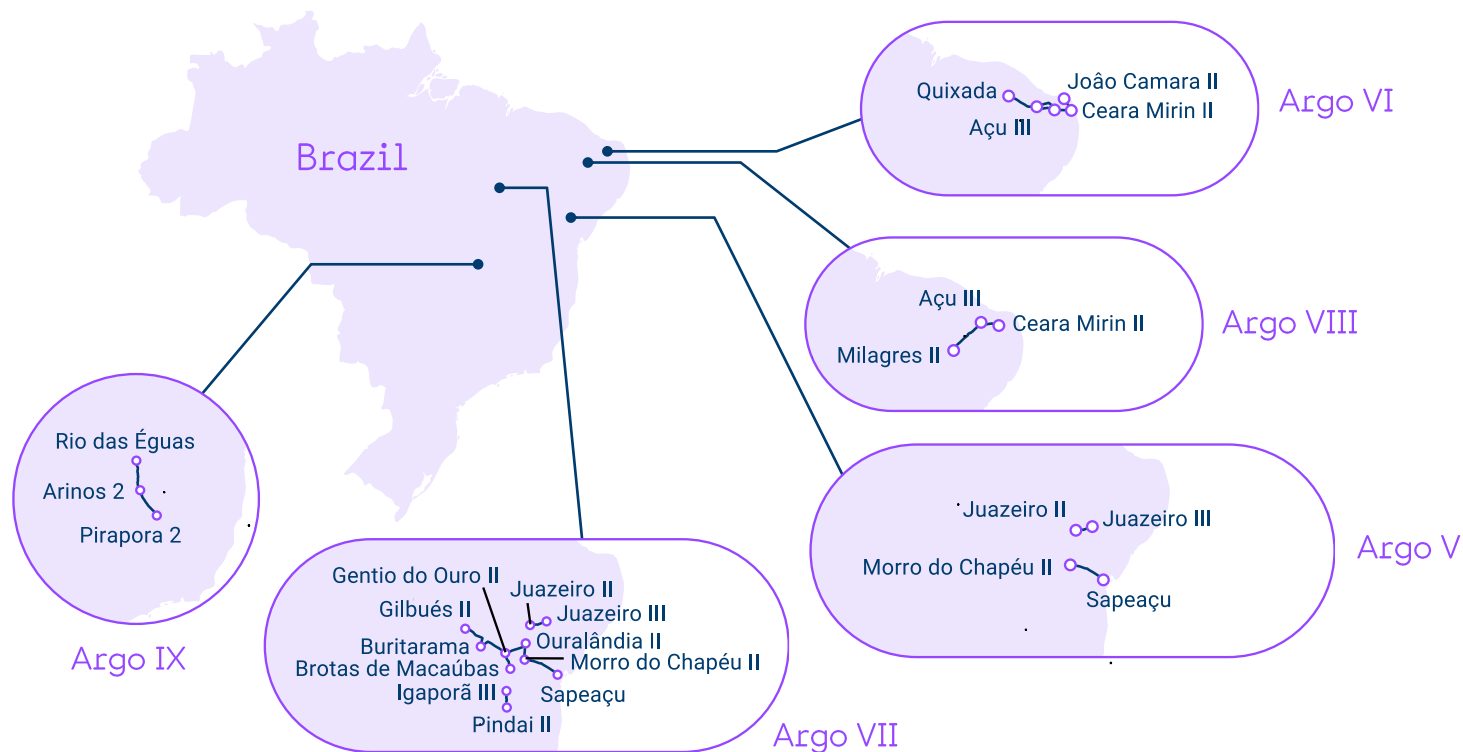
Argo IV	
Year commissioned	2021
Stake (%)	50
Km	312
No. of substations	1

Brazil Argo I-IV	
Km	1,747
No. of substations	12

Business in Brazil (II). Acquired in 2022

Redinter, through the holding company Argo, has owned 62.5% of five concession companies Argo V, Argo VI, Argo VII, Argo VIII and Argo IX since the end of 2022.

These five concessions are in commercial operation and include 2,466 km of 500 kV and 230 kV transmission lines and 22 substations in the northeast region of Brazil.



Argo V

Year commissioned	2018
Stake (%)	31.25
Km	277
No. of substations	4

Argo VI

Year commissioned	2018
Stake (%)	31.25
Km	490
No. of substations	6

Argo VII

Year commissioned	2018
Stake (%)	31.25
Km	836
No. of substations	7

Argo VIII

Year commissioned	2020
Stake (%)	31.25
Km	427
No. of substations	1

Argo IX

Year commissioned	2021
Stake (%)	31.25
Km	436
No. of substations	3

Brazil Argo V-IX

Km	2,466
No. of substations	22

Grid development

Tender process

- Public concession awarded by auction (Leilões).
- The bidder offering the lowest annualised investment and O&M cost is awarded the contract.
- An annual revenue (RAP) including investment and O&M cost is defined.

Reinforcements

- Published by ANEEL annually according to the needs of the system.
- The investment value is obtained through reference tables published by the regulator.

Remuneration framework

Duration

- **30 years** from the award, may be extended at the discretion of the Administration.

Rate

- **Annual revenue (RAP)** based on the offer + IPCA.
- **Rate reviews:** years 5, 10 and 15 of the concession in order to maintain profitability in real terms for the concessionaire.

Functional currency

- Brazilian real.

Reintel

5

Reintel. About Us

Operator in the telecommunications market since 1997.

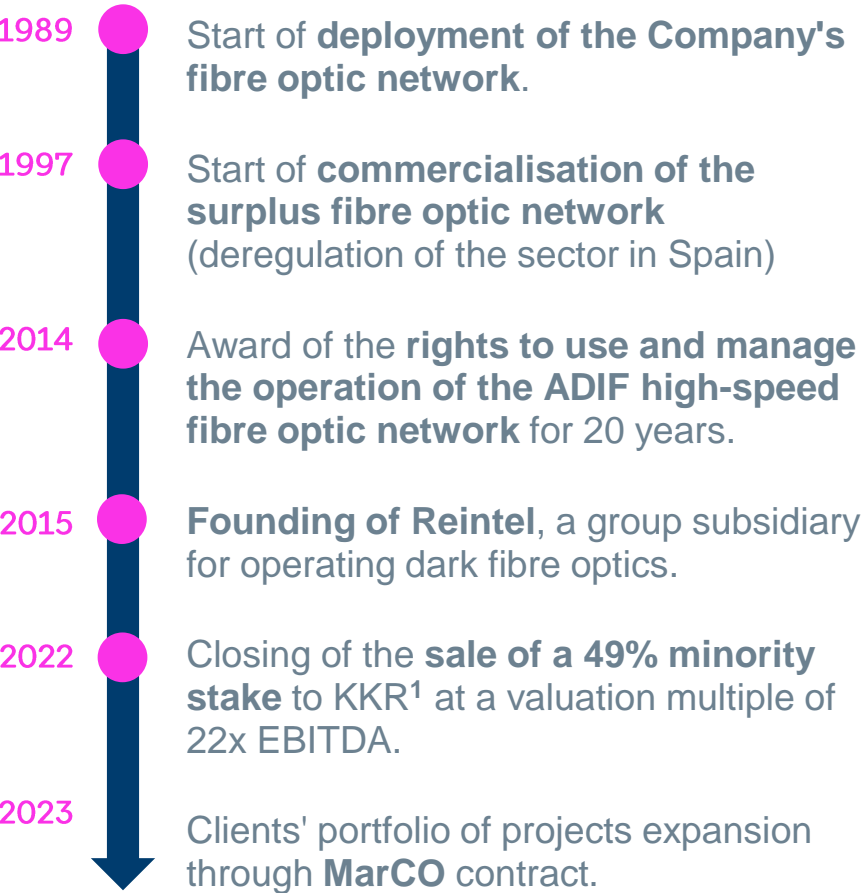
- **Neutral provider** of telecommunications infrastructures. Our main activity is the **leasing and maintenance** of dark fibre optic¹ and telecom equipment **housing**.
- **Backbone fiber optic** network of more than 52,000 km, formed by the integration of the **surplus fiber optic network from the power grid**, belonging to Red Eléctrica, and the **fiber network not dedicated to the railway service** of the conventional long-distance ADIF-AV network.
- The **largest dark fiber supply** on the market, with high standards of reliability and quality, a **meshed and redundant network** with connections to island and international access systems, and with the country's main data processing centers.
- **Wholesale business**: solid customer base that includes the main telecommunications operators with a presence in Spain.
- **Long-term** contractual relationships (5-20 years).
- Solid and sustainable growth with **predictable cash flows**.



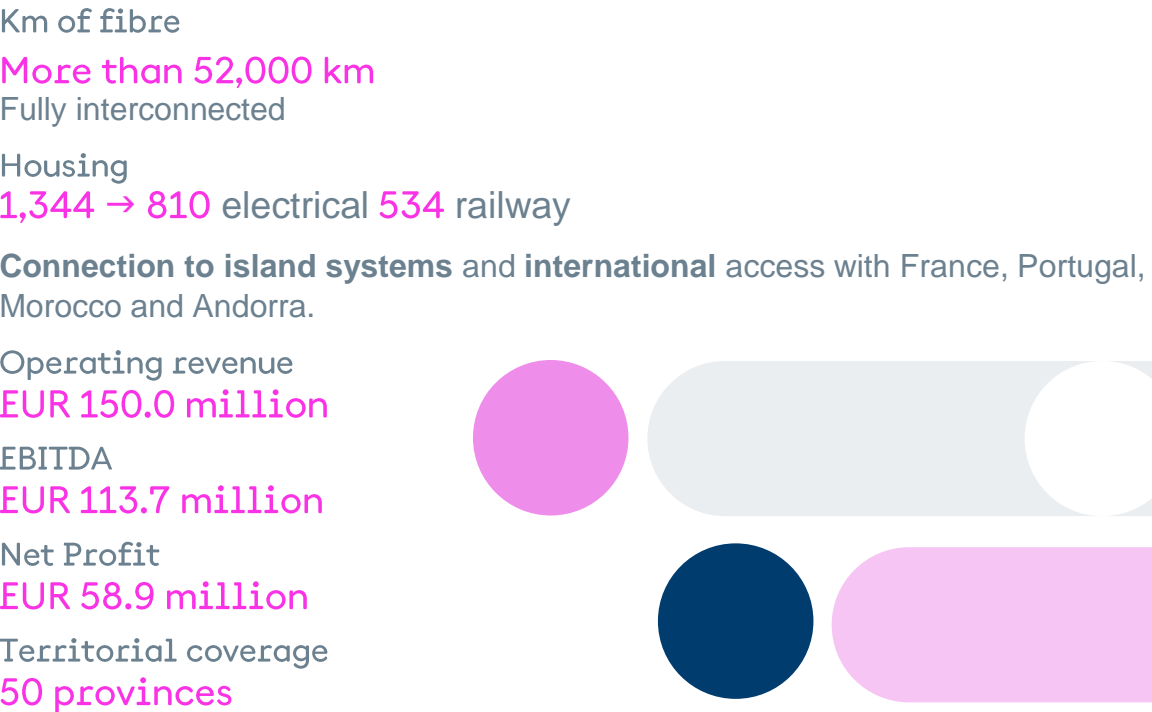
1. Dark fiber: Optical fiber available to connect to large transmission equipment managed by the main telecom operators.

Milestones and key figures

Milestones



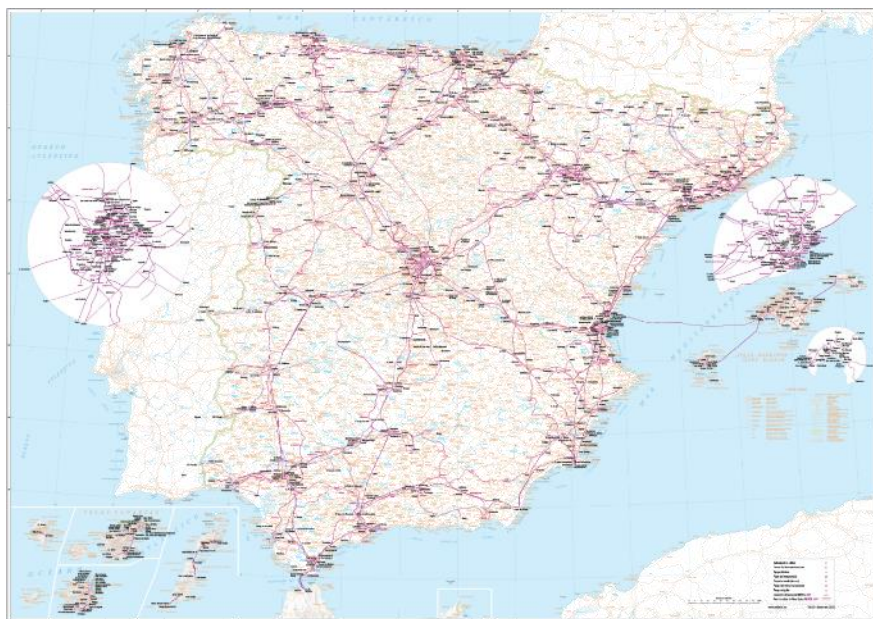
Key figures for 2023



1. In line with Redeia's 2021-2025 Strategic Plan, on December 16, 2021, Redeia agreed to sell a 49% minority stake in Reintel to Kohlberg Kravis Roberts & Co (KKR). The transaction was finalized in June 2022.

Backbone network

- **Connects the main urban centers** across the country.
- **Interconnections.**
With other customers, as well as with external national and international networks (France, Portugal, Morocco and Andorra).
- **Safety and reliability.**
The same as required for providing telecommunications for electricity and rail services.



Dedicated cable



- **Capillarity.**
Provides capillarity and access to our customers' backbone or metropolitan transmission networks.
- **Growth.**
The demand for dedicated cable among customers allows for constant growth of the dark fiber network.
- **Interconnection.**
With this product and through our telecom shelters we can establish interconnections between various customers.

Hispasat

6



Hispasat. About Us

Spanish satellite communications operator, leading distributor of content in Spanish and Portuguese.



Regional satellite operator, with more than 30 years of activity.



Aerospace industry driver, through the incorporation of Spanish companies in satellite projects.



SATCOM and EO Solutions¹ for defence, security, and intelligence, through Hisdesat.



B2B connectivity and mobility solutions to reduce the digital gap and universalise digital rights.



4th largest satellite operator by revenue in **LATAM** and 3rd in **Europe**.



10 satellites located in **6** orbital positions.



Leader in content distribution with **1,300** television and radio channels in the Spanish and Portuguese markets.



Major presence in Latin America, with offices in **Brazil, Peru, Mexico and Colombia**.

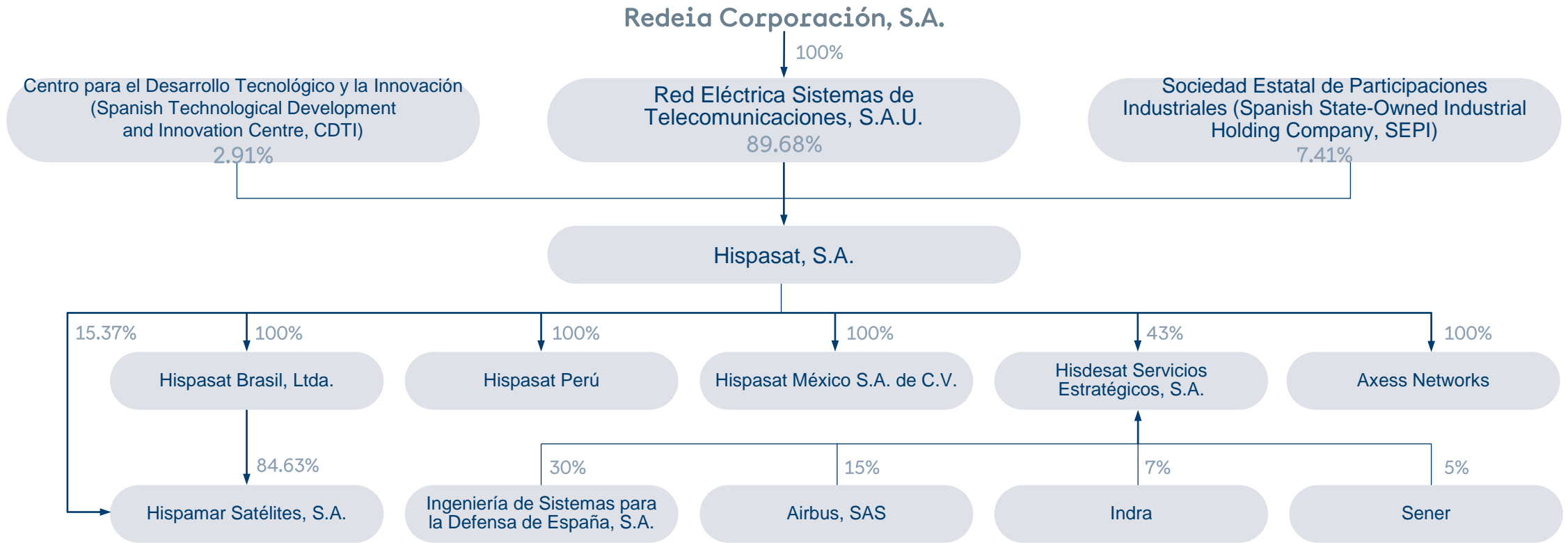


1. SATCOM communications satellite. EO Solutions: Earth Observation.

Corporate structure with a solid public/private model (I)

Shareholding structure

Hispasat and **Hidesat** have a shareholding structure based on a public/private governance collaboration model with market economy-oriented management to provide services of a strategic nature.



Note: The table shows the main operating companies of the Hispasat group.

Worldwide presence

Hispasat

The head office is located in Madrid. It also has two other branches in Rio de Janeiro (Brazilian subsidiary Hispamar, the main base for commercial operations in LATAM) and Lurin (Hispasat Peru headquarters, dedicated to managing and transmitting signal traffic for our clients in the region).



Milestones and key figures

Milestones



Key figures for 2023

Operating income¹
EUR 249.3 million

EBITDA¹
EUR 126.0 million

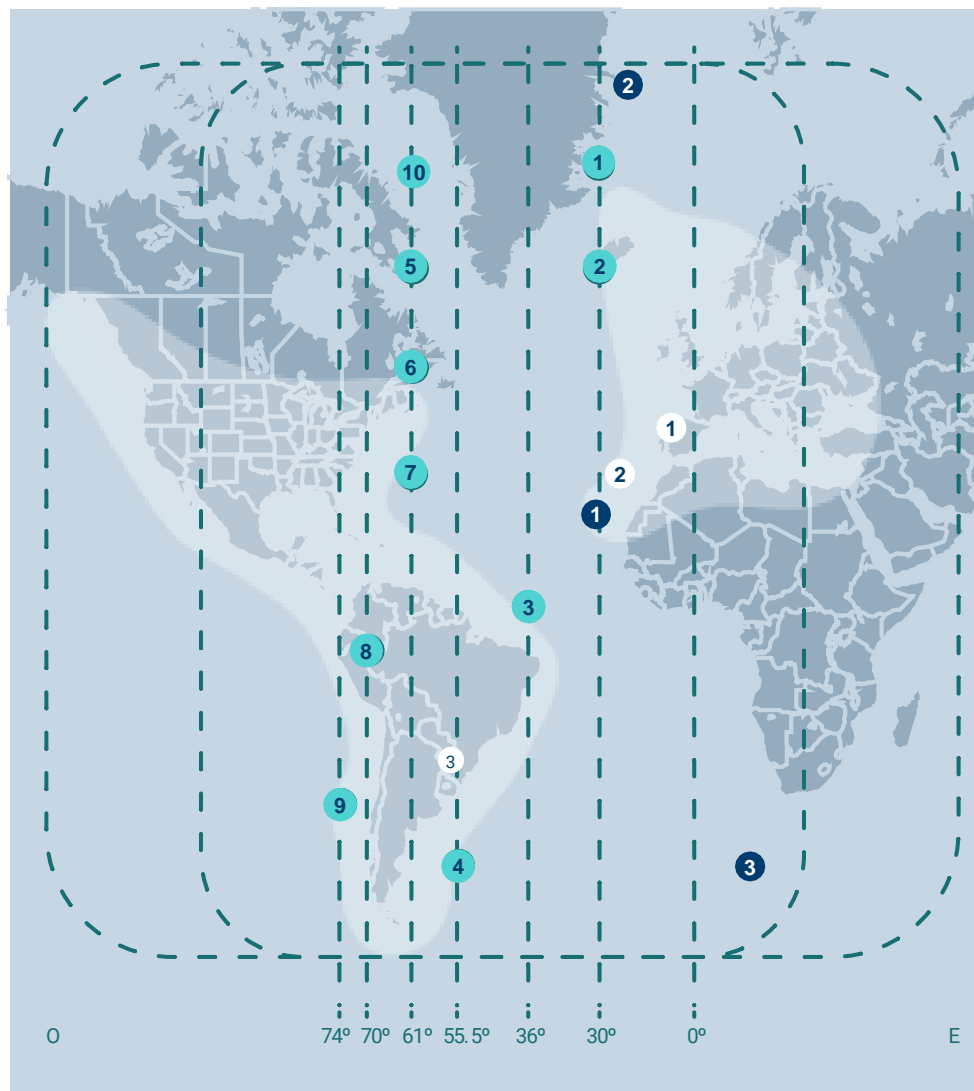
Net Profit¹
EUR 30.0 million

1. Data reported by Redeia as satellite business at 2023 year-end.

Satellite fleet

Strong presence in the Iberian Peninsula and Latin America

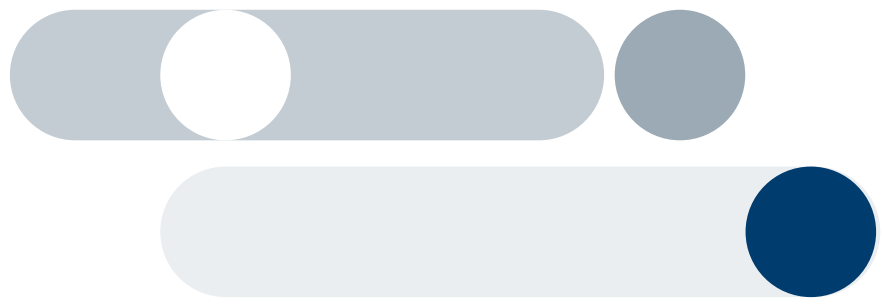
10 satellites in orbit following the launch of the new Amazonas Nexus satellite in February 2023.



Satellites	Year launched
1. H30W-5	2010
2. H30W-6	2018
3. H36W-1	2017
4. H55W-2 ¹	N/A
5. AMZ2	2009
6. AMZ3	2013
7. AMZ5	2017
8. H70W-1 ¹	N/A
9. H74W-1	2014
10. Amazonas Nexus	2023

- Control Centres**
- 1. Arganda del Rey
 - 2. Canary Islands
 - 3. Río de Janeiro

- Hidesat**
- 1. Spainsat 30W
 - 2. XTAR 29E
 - 3. PAZ (OT)



1. Satellites controlled by Intelsat and StarOne.

Business models

Unique technology that guarantees universal connectivity throughout the territory

Space capacity



Managed capacity



Turnkey



■ Hispasat ■ Service provider

Space capacity (MHz)

- For operators who have the necessary platform to offer the services.
- Hispasat offers space capacity and the service provider deploys its own land-based infrastructure.
- Flexibility in business models to facilitate service providers' go-to-market strategies.

Managed capacity (Mbps)

- For service operators who do not have a platform or want to complement current service.
- Hispasat offers capacity and managed services available in EMEA and the Americas.
- Reduces investment risks for the operator or end-service provider.

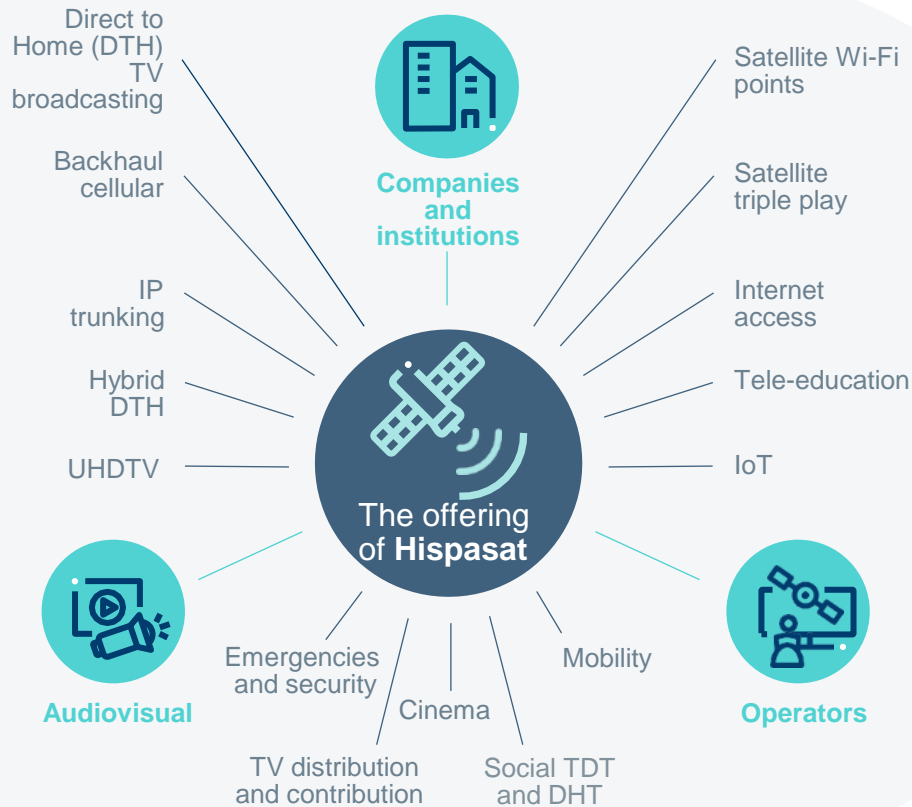
Turnkey solutions

- For operators requiring complete project management.
- Hispasat and its partners offer the entire value chain, including satellite capacity, managed services and field services.
- Business model that simplifies and reduces operator risk.

Range of services

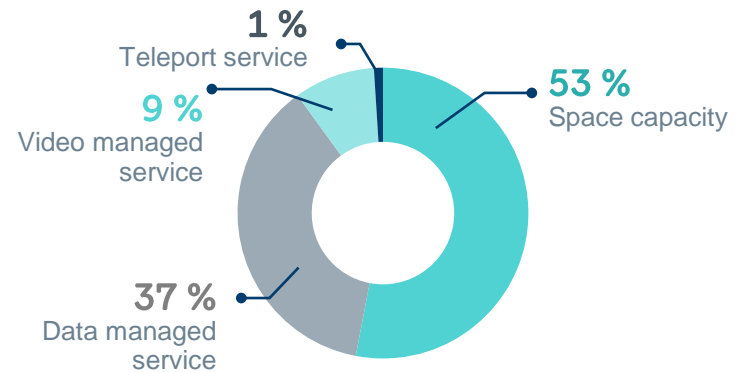
Strong positioning in high-growth markets with a stable base of strategic customers

Hispasat's range of services

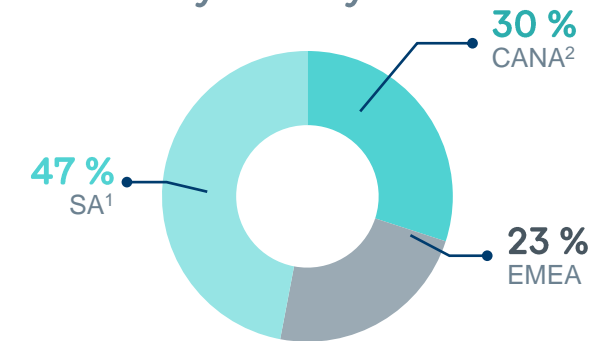


2023 revenue breakdown

Space capacity vs. managed service

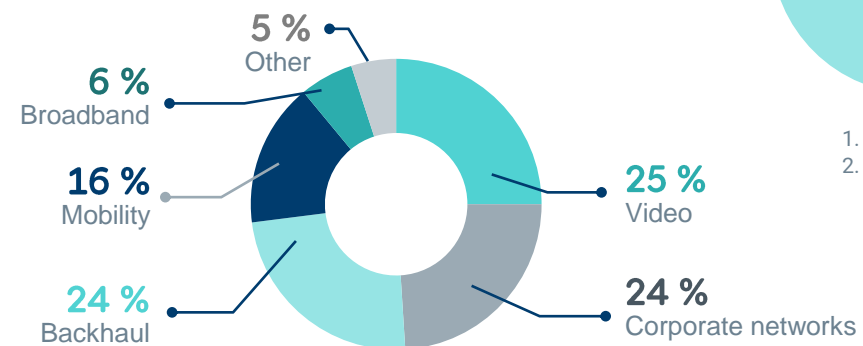


By country



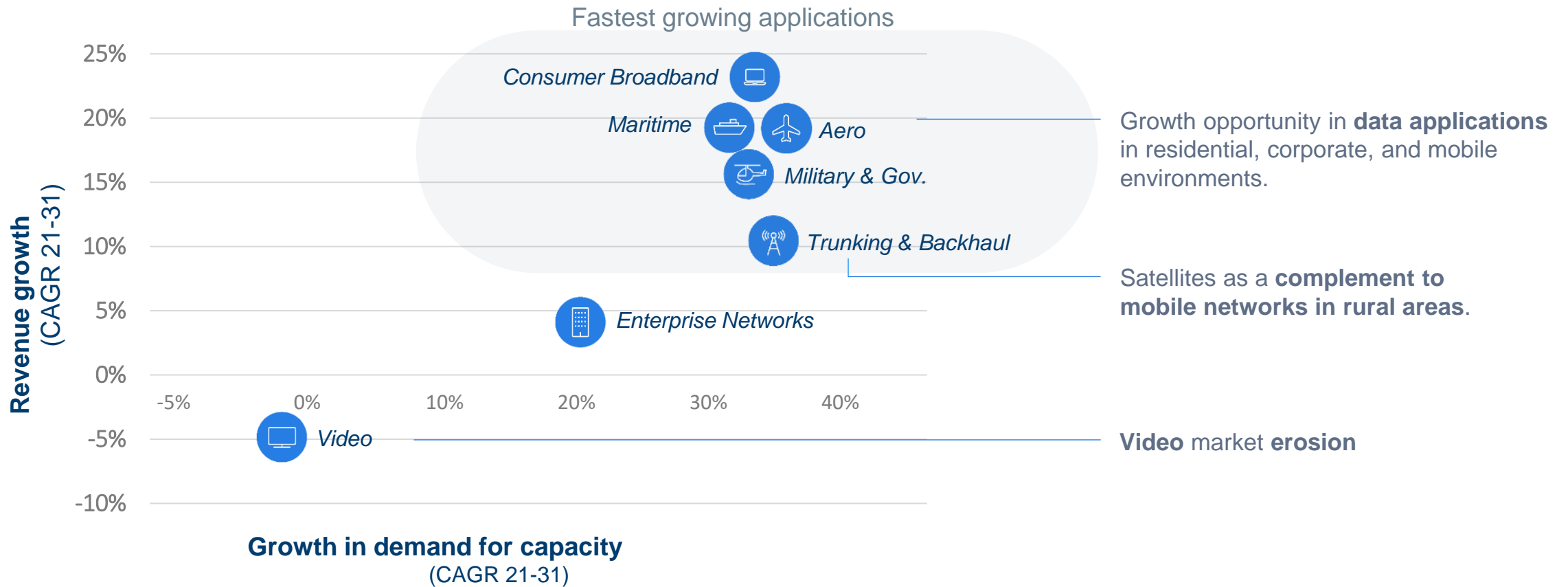
1. SA: South America
2. CANA: Canada and North America

By service



The satellite market (I)

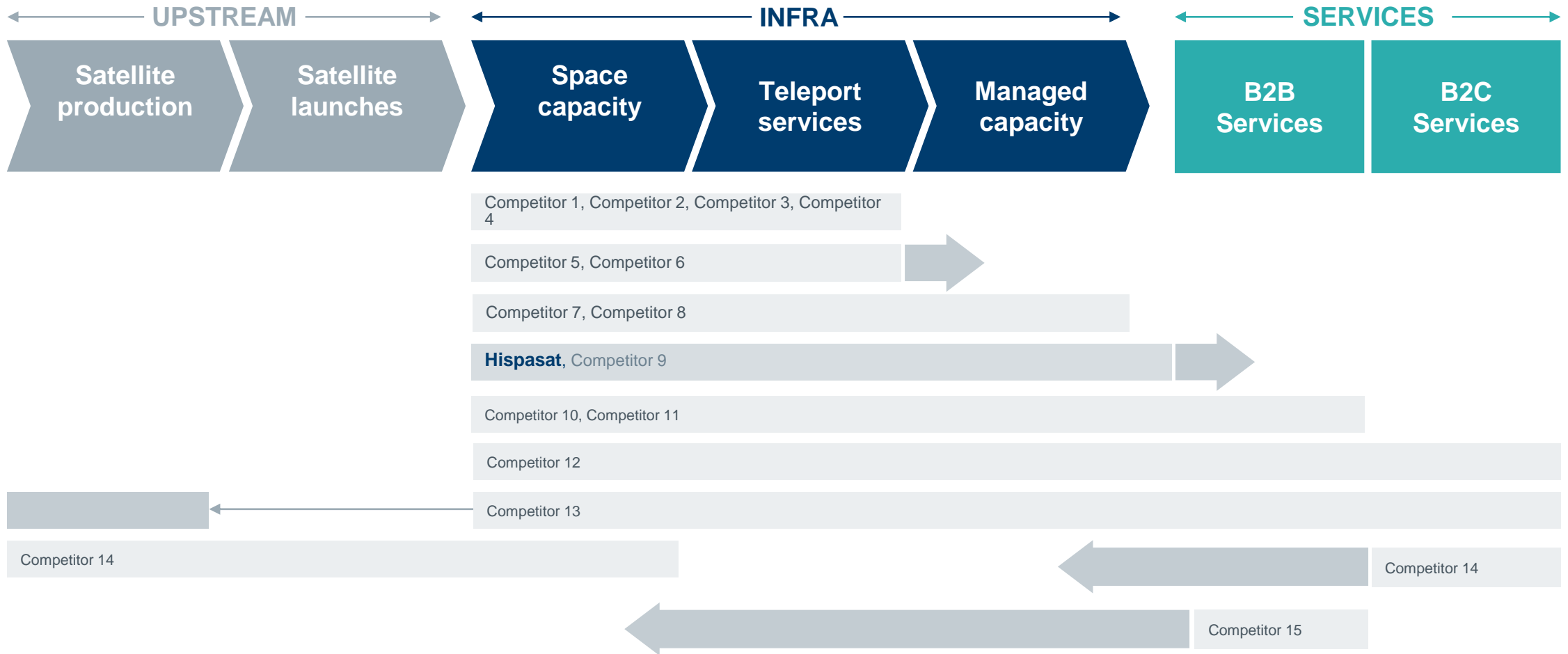
Evolution by market verticals



Source: Prepared internally based on data from Northern Sky Research, 2022.

The satellite market (II)

Positioning in the value chain



Elewit

7

Elewit. About Us

Redeia's tech platform created in 2019 to resolve new challenges in the electricity and telecommunications sectors

Challenges



Grid infrastructures and asset management



Operation of the electricity system and integration of renewables



Assets and society connectivity



New services and business models



People's safety and well-being



Sustainable development

Technologies



New equipment and materials



Immersive Technologies and Robotics



Platforms and computing



IT and OT cybersecurity



Advanced data processing



Internet of things



Communications

Redeia is a leading technology player

with the aim of driving the energy transition and connectivity, and creating a sustainable future.

It holds an established position in the innovation and entrepreneurship ecosystem through its collaboration with startups, universities, technology centres and other corporations.



Key figures

Since 2019

Overall statistics

EUR 74 million
Investment in innovation

44
Solutions adopted

Projects

98
No./year

48
Pilots with startups

Programmes

4
Venture Client

1
Venture Builder

2
Intra-entrepreneurship

Emphasis on innovation

5
Solutions with royalties

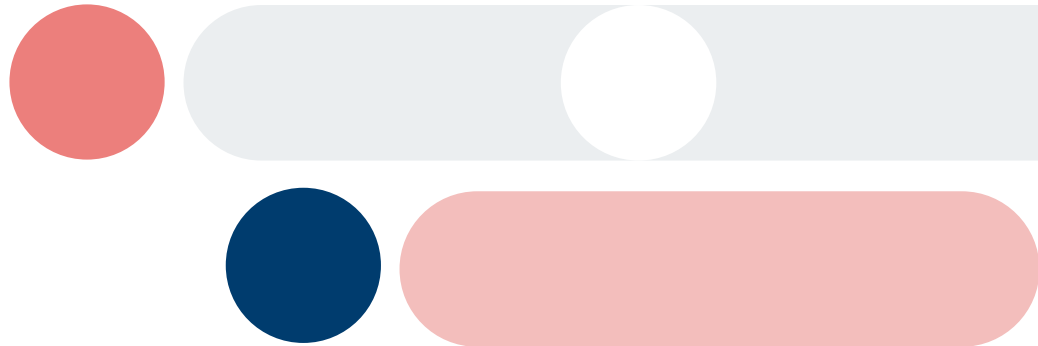
1
Elewit products

88
Partners and associates

6/9
Success ratio in public concession calls

2023 milestones

- In 2023, Redeia managed 78 innovation projects, involving an expenditure of EUR 6.5 million. It invested a further EUR 2,1 million, for a total investment in innovation and technological development associated with Elewit of EUR 8.6 million.



Financial information

8



Key 2023 financial figures

83% of EBITDA linked to the regulated business

Dividend of **EUR 1 per share** approved by the General Meeting, in line with our commitment to the market.

€ 2,129 M

Revenue¹

€ 1,508 M

EBITDA

€ 690 M

Net profit

€ 996 M

Investments

€ 1,156 M

FFO

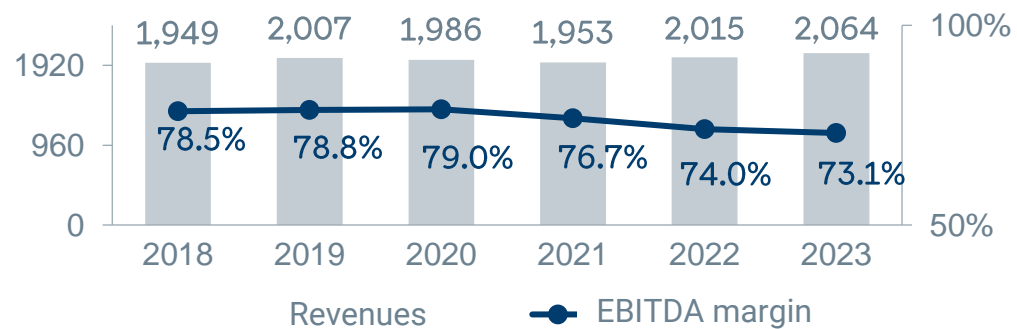
€ 4,975 M

Net debt

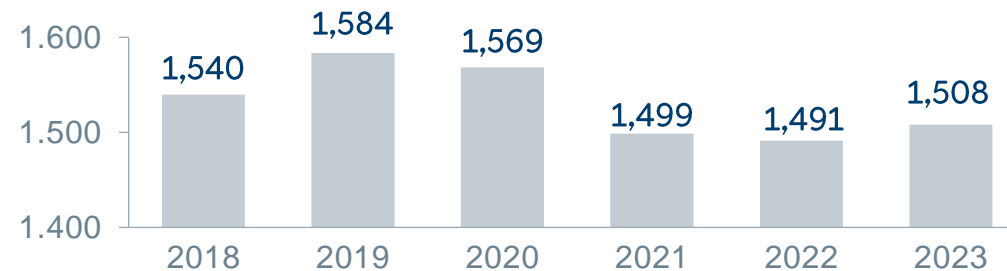
1. Includes revenue and share of profit of companies valued using the equity method (TEN, Argo, and Hisdesat).

Evolution of key financial figures

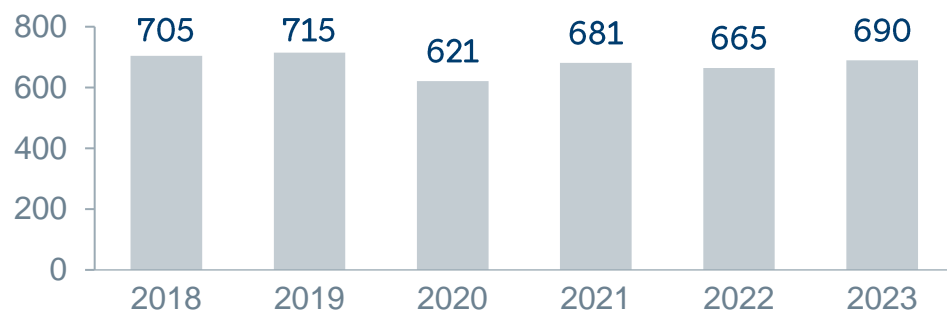
Revenue (million €)



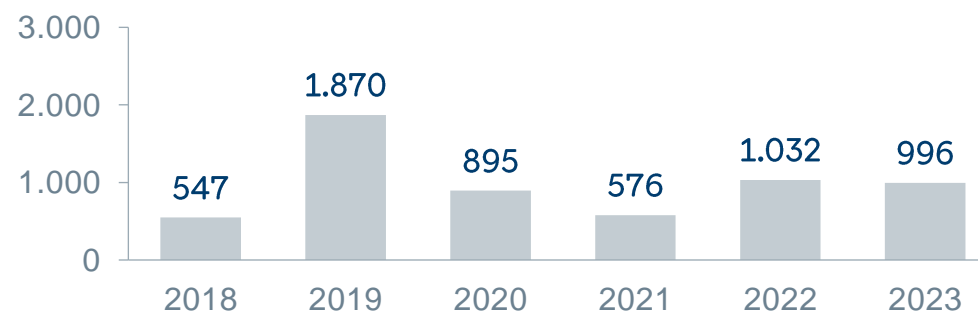
EBITDA (million €)



Net Profit (million €)



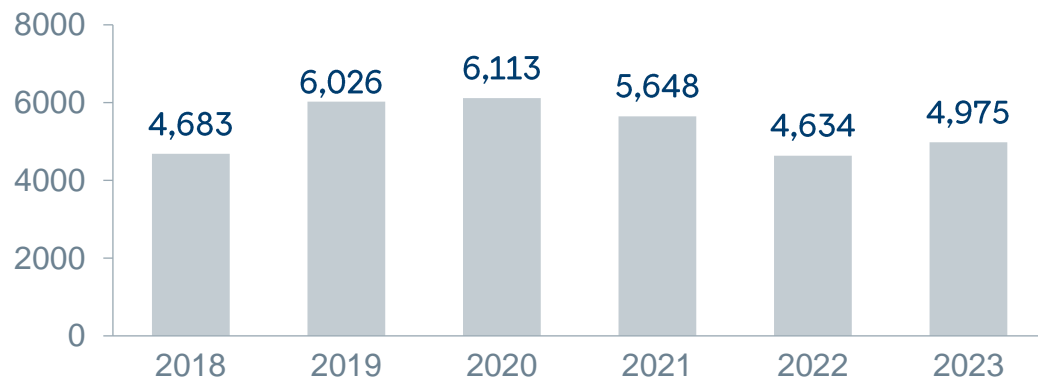
Investments (million €)



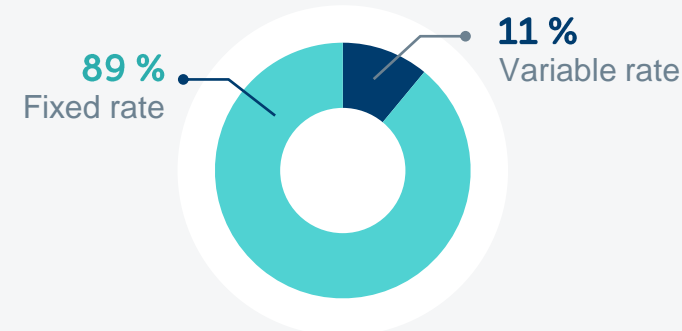
Financial debt (I)

Objective: 100% sustainable financing by 2030

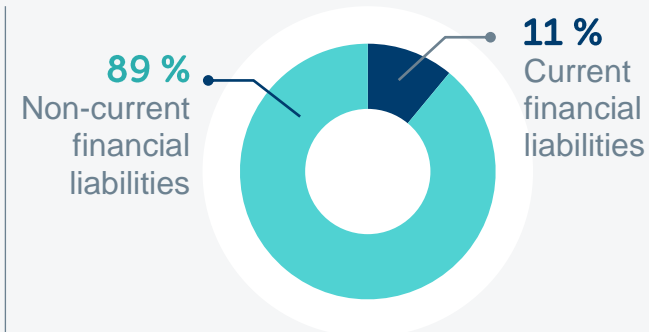
Net financial debt (million €)



Financial debt structure: fixed vs. variable rate (%)



Financial debt structure: current vs. non-current (%)

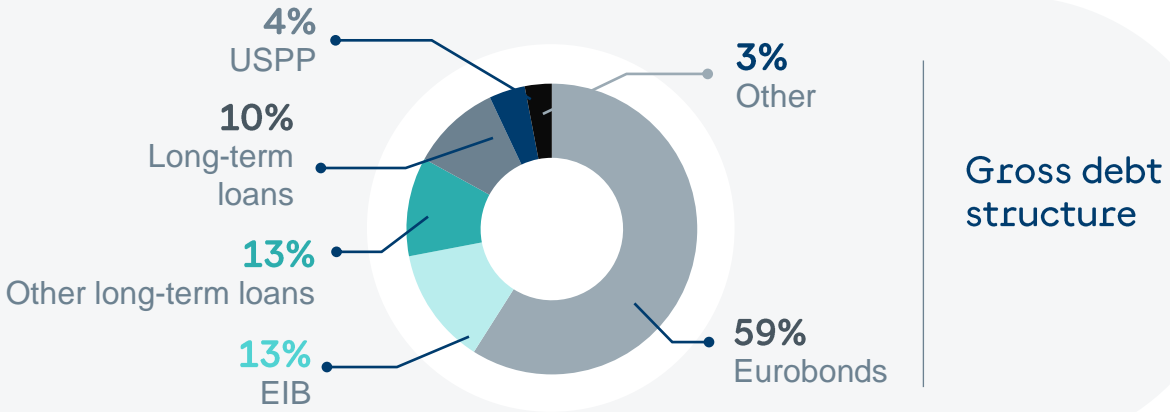


3.3 x
Net debt/EBITDA 2023

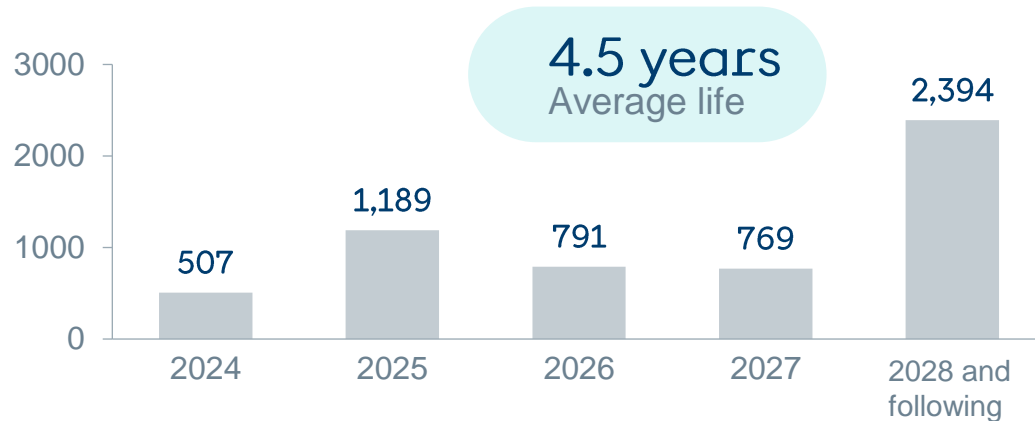
23.2 %
2023 FFO/Net debt

59 %
2023 ESG financing

Financial debt (II)



Maturities



2.14%

Cost of debt

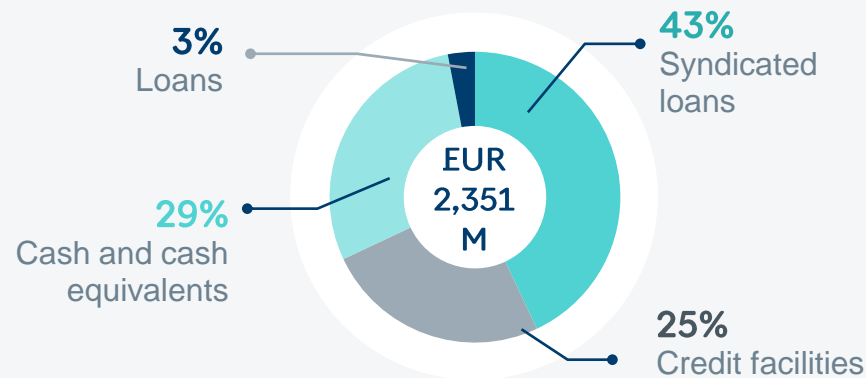
Credit rating

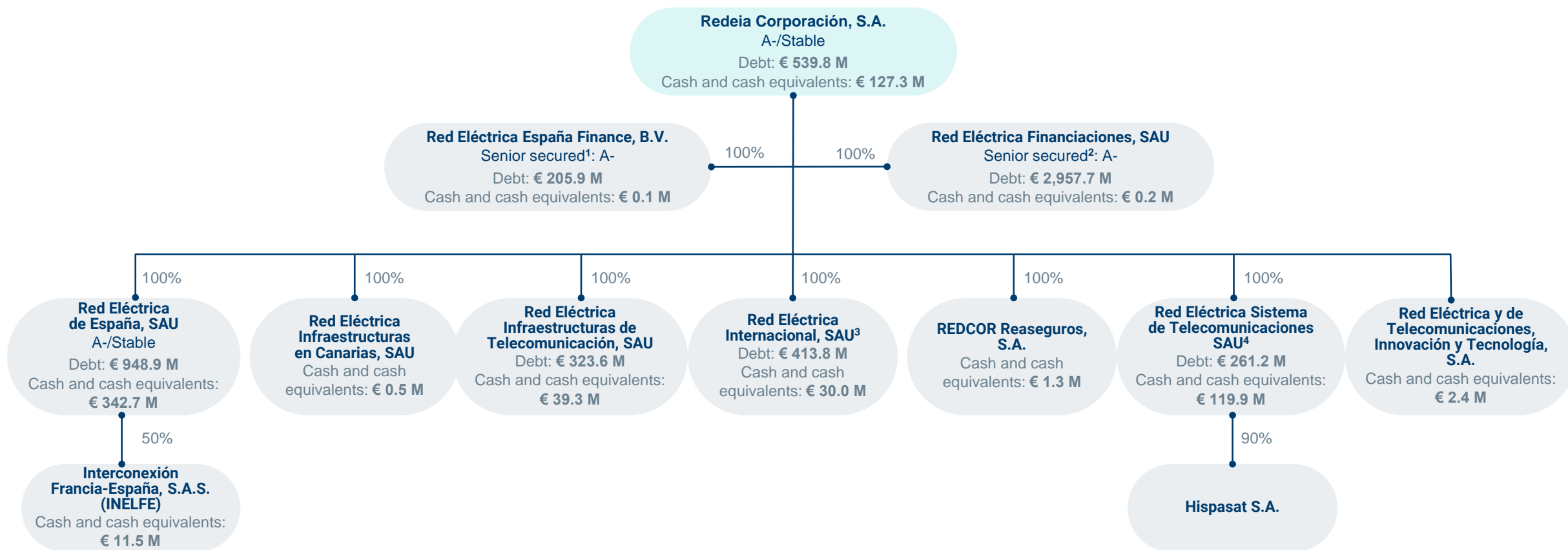
S&P Global
Ratings

FitchRatings

A -
Stable

Liquidity





1. Guarantee from Red Eléctrica de España, S.A.
 2. Guarantee from Red Eléctrica Corporación S.A. and Red Eléctrica de España, S.A.
 3. Includes data from Red Eléctrica Internacional, S.A.U. subsidiaries.
 4. Debt for Hispatat.

The Framework is aligned with the ICMA Green Bond Principles (GBP) 2021 edition, as well as with the LSTA/LMA Green Lending Principles³ (GLP) 2021 edition

Use of funds

Red Eléctrica Group's green framework is aligned with the EU Taxonomy.

- Eligibility criteria: Eligible economic activity aligned with EU criteria: Transmission and distribution of electricity whose transmission grid complies with: >67% of new generation capacity enabled on the system is below 100 gCO₂e/kWh (over the last 5 years).
- Transmission infrastructure assets allocated to:
 - » Increasing renewable production (international interconnections, converters, island and mainland connections)
 - » Improving the efficiency of the rail system (high-speed rail lines, electricity connections)
- Alignment with the UN Sustainable Development Goals (SDGs):
 - » Affordable Energy Goal 7.
 - » Climate Action Goal 13.



Evaluation and selection process

- A Sustainability Steering Committee is established to ensure that the selection of the Portfolio of Eligible Green Assets follows the eligibility criteria, as well as the Group's strategic sustainability objectives.
- The Committee ensures that economic activity contributes substantially to one of the EU's six environmental objectives without causing significant harm to any of the other five, and provided it is carried out in compliance with minimum social safeguards.
- The Committee will meet at least quarterly and will monitor the evolution of the Portfolio of Eligible Green Assets and provide annual allocation and impact reports.
- Eligible green assets may be refinanced without a specific retrospective review period.

Revenue management

- The Treasury team, which is part of the Sustainability Steering Committee, is responsible for managing funds from Green Financing Instruments.
- Unallocated funds are managed together with the rest of the Company's cash and cash equivalents.
- Redeia will endeavour to allocate the full net proceeds of its outstanding Green Financing Instruments to the Portfolio of Eligible Green Assets within 24 to 36 months of the issuance of each Green Financing Instrument.

Reporting and external review

- Redeia will publish an annual report on the allocation and impact of the funds obtained until they are fully allocated or the maturity of the Green Financing Instruments is reached.
- The report will be available on the Company's website.
- In addition, *Sustainalytics* provides a second opinion, also available on the Company's website, where it has assessed and confirmed that the Group's Green Framework is aligned with ICMA and LMA principles, as well as with the Delegated Act on the EU taxonomy.



Sustainable financing | Redeia

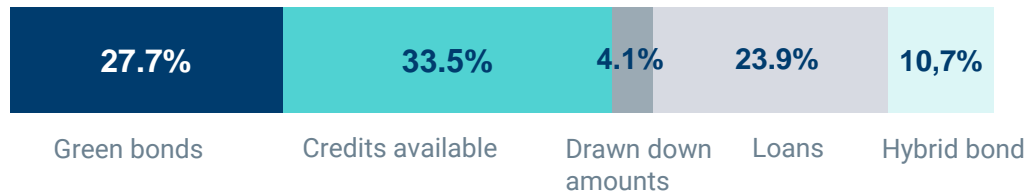
Sustainable financing

The Green Framework sets out the basis for the identification, selection, verification and reporting of eligible green assets, aligned with the European Taxonomy

Redeia Companies	Description of activity Delegated Regulation 2021/2139	Eligible activities ¹	Aligned activities ²
Red Eléctrica	Electricity transmission and distribution. Electricity storage	Yes. 100% eligible	Yes. 100% aligned
Redinter	International electricity transmission and distribution.	Yes. 100% eligible	No
Hispasat	Activity not included		
Reintel	Activity not included		
Other companies	Activity not included		

In 2023, 78.4% of the revenues, 83.4% of the Company's investments and 88.9% of the opex were allocated to eligible activities aligned with the EU Taxonomy.

59% sources of sustainable financing in 2023



- Eligible economic activity:** That which is described in the delegated acts adopted under Regulation (EU) 2020/852, regardless of whether the economic activity meets any or all of the technical selection criteria set out in the delegated acts.
- Aligned or taxonomy-compliant economic activity:** Economic activity that contributes substantially to one of the six EU environmental objectives (meets the technical selection criteria set out), does no significant harm to any of the other five, and is carried out in compliance with minimum social safeguards.

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In addition to the financial information prepared in accordance with IFRSs, this presentation includes certain Alternative Performance Measures ('APMs'), as defined in the Guidelines on Alternative Performance Measures published by the *European Securities and Markets Authority* on 5 October 2015 (ESMA/2015/1415es).

These APMs are used for the purpose of contributing to a greater understanding of Redeia's financial performance, but must only be considered as additional information, under no circumstances replacing the financial information prepared in accordance with IFRSs. Likewise, the way Redeia defines and calculates these APMs may differ from those of other entities that use similar measures and, therefore, may not be comparable. For further information on these matters, including their definition or the reconciliation between the corresponding management indicators and the consolidated financial information prepared in accordance with IFRSs, please see the information included herein and the information available on the corporate website (<https://www.redeia.com/en/shareholders-and-investors/financial-information/alternative-performance-measures>).

redeia

Valuing the essentials

red eléctrica

reintel

hispasat

redinter

elewit