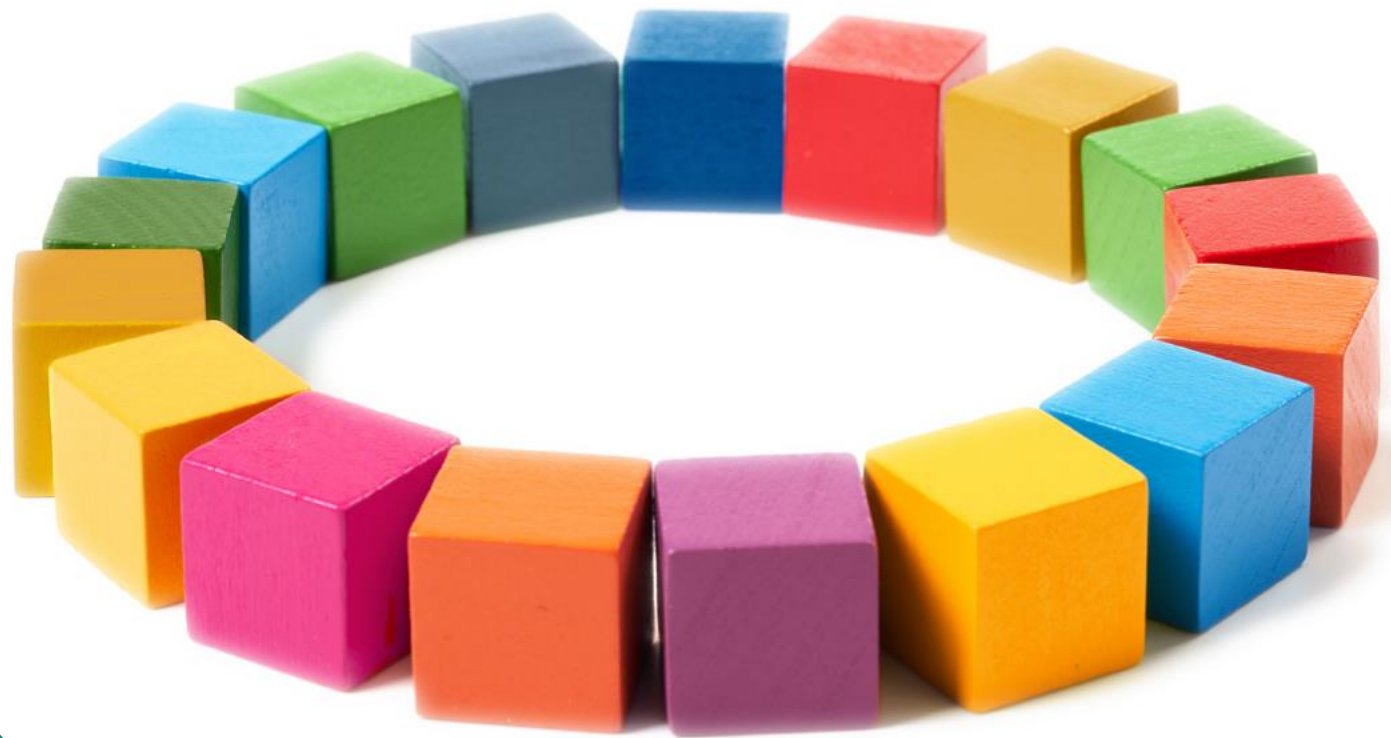


Contribution  
to the SDGs

2024



redeia

El valor de lo esencial

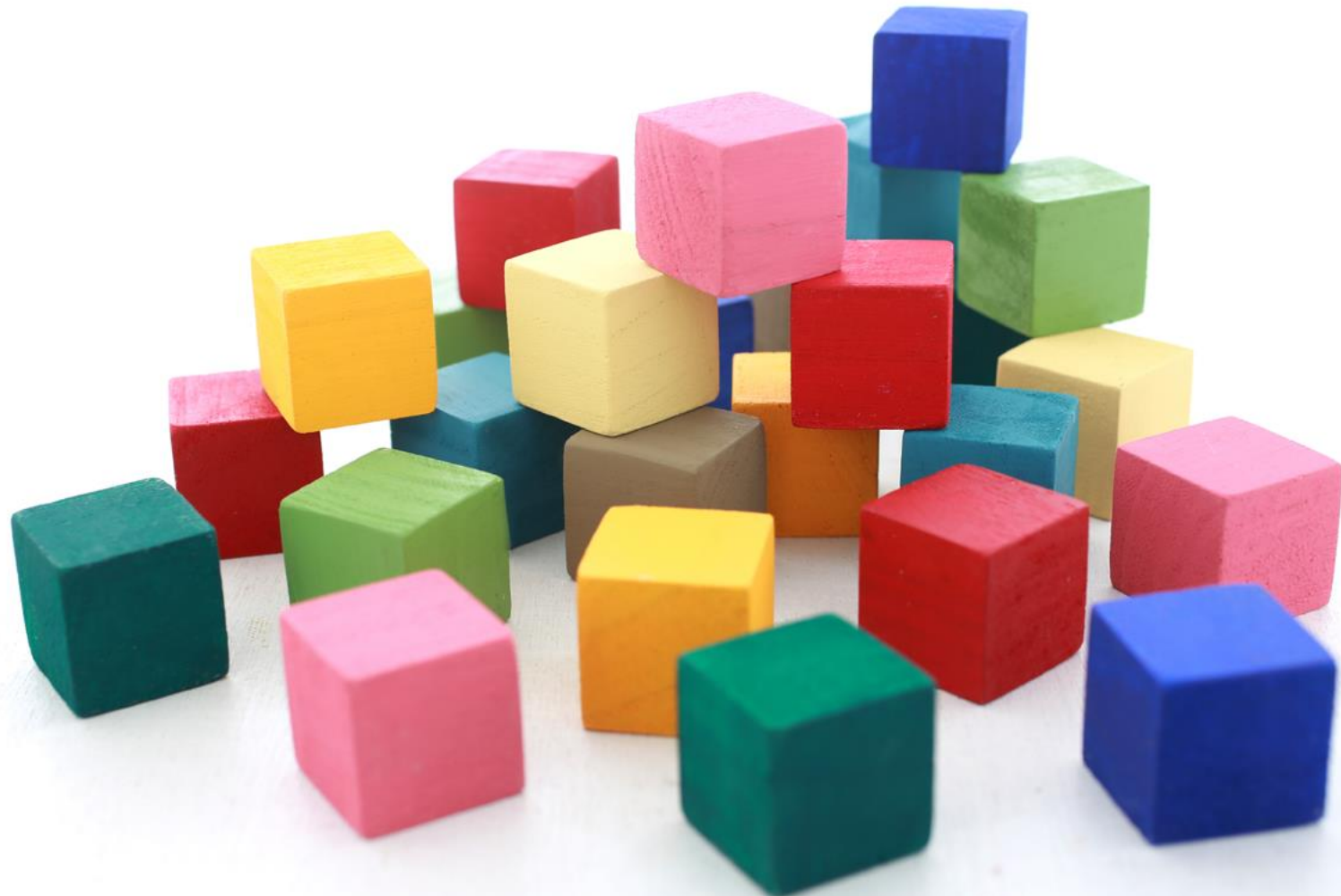
- 1 Our priority  
SDGs
- 2 A strategy  
of contribution  
to the SDG

- 3 Electrical  
interconnection  
between the Peninsula  
and Ceuta: a project of  
global contribution  
to the SDGs



## Our priority SDGs

# 1



At Redeia we have identified six priority SDGs to which we contribute directly, facilitating the transformation of the territories where we are present.

The SDGs represent a major challenge and, in turn, an opportunity to lead the process of change through innovation and alliances with other agents.

Based on the nature of our activity and the countries in which we operate, at Redeia we identify our priority SDGs, determining our contribution to each of them. As a socially responsible agent, Redeia contributes globally to the United Nations 2030 Agenda through our performance in sustainability.



## 2024 Contribution



### Active participation in achieving the transition to a new, more competitive and sustainable energy model:

- 85.1 GW of renewable power installed in the national electricity system.
- 56.8% of energy production from renewable sources in the Spanish electricity system.
- 27+ R&D projects underway to improve the tools of the electricity system operator.



### Generation of quality employment and creation of decent jobs, contributing shared value to the progress of the environment.

- 99.3% of contracts of an indefinite nature.
- Creation of the Positive Safety Community with the ecosystem of construction and maintenance suppliers.
- 11,796 jobs of equivalent occupation in Spain, 83 in Chile, 13 in Peru and 1,267 in Brazil, derived from the investment in the transmission grid in each country.



### Construction of reliable, sustainable, resilient, and quality infrastructures, integrating them into the environment and guaranteeing their integral safety.

- €1,104.9 million of TSO Investment (record), of which €976.3 million corresponds to investment in the transmission grid.
- 487 km of circuit of new lines and 219 new substation positions commissioned in the Spanish electricity system.
- Commissioning of the new Buenos Aires 220 kV substation in Santa Cruz de Tenerife, commissioning of the new 132 double circuit axle kV in Fuerteventura and completion of the expansion of the Centinela substation and sectioning of the 2 x 220 kV El Cobre – Esperanza line in Chile





## 1. Our priority SDGs

## 2. A strategy of contribution to the SDGs

## 3. Electrical interconnection between the Peninsula and Ceuta



### Key action in the transition to a new decarbonized model, necessary to combat climate change.

- 40,933,72 tons of CO<sub>2</sub>eq avoided in the Spanish electricity system.
- 34% reduction in scope 1 and 2 emissions compared to 2019.
- 100% compensation for Scope 1 emissions.



### Minimization of the impact on marine ecosystems with preservation criteria

in facilities and recovery projects.

- 2 ha of *Posidonia oceanica* restored in Mallorca (survival of planted fragments between 94% and 98%).
- Virtual exhibition on *Posidonia* and the Red Eléctrica Marine Forest, published on the corporate website ([The Marine Forest: Recovery of Posidonia oceanica meadows | Redeia](#)).
- Launch of the Seaforest platform under the Strategy of Integral Impact of Redeia and in alliance with the Ecomar Foundation.



### Integration of the facilities in the environment and territories, considering their entire life cycle, with special attention to biodiversity conservation.

- Identification and assessment of impacts, dependencies, risks and opportunities and public outreach in biodiversity aligned with the recommendations of the TNFD.
- 1,086 ha recovered through the Redeia Forest with an investment since 2009 of more than 3 million euros.
- 848 km of signalled lines in critical priority areas (85% of the total identified).



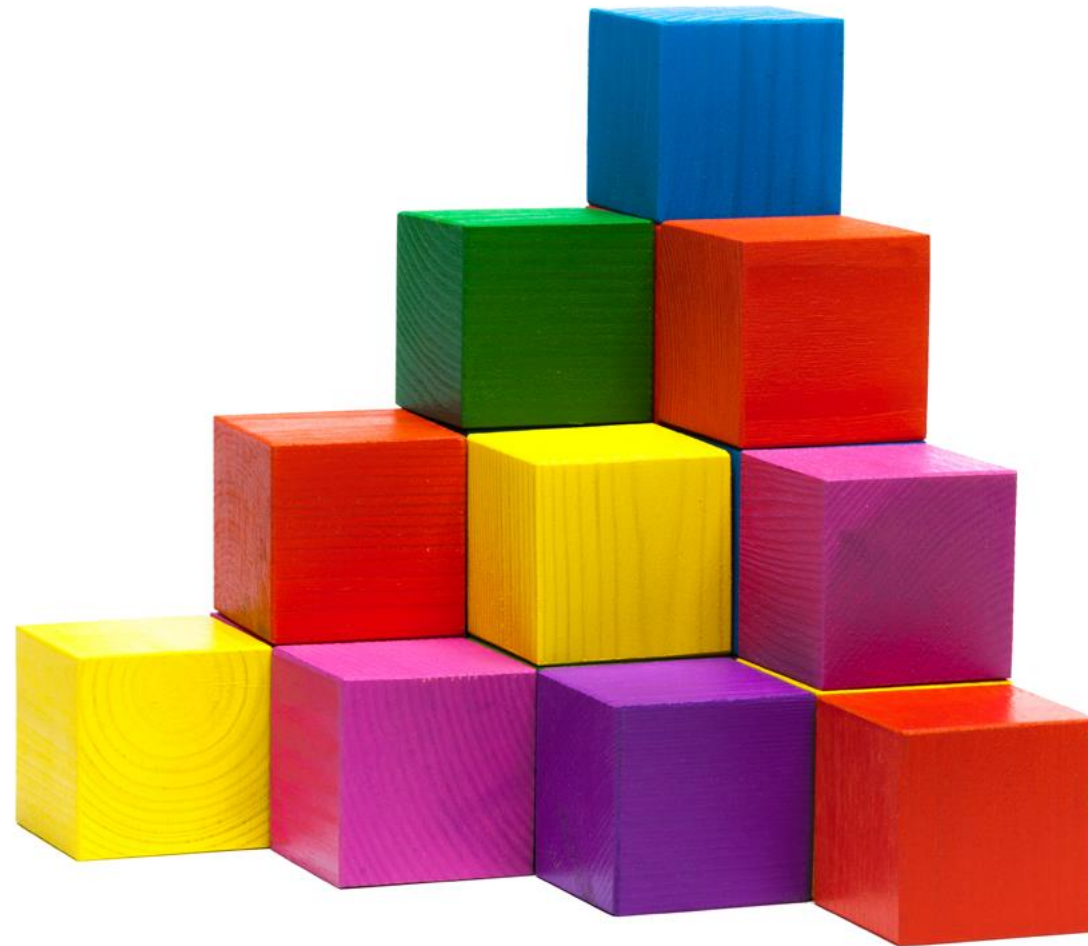
1. Our priority SDGs

2. A strategy of contribution to the SDGs

3. Electrical interconnection between the Peninsula and Ceuta









# A strategy of contribution to the SDGs

## 2



Redeia is an active agent in the achievement of the Sustainable Development Goals (SDGs) through the deployment of our Strategic Plan and our Commitment to Sustainability 2030, which are translated into 11 long-term objectives (2030), which are materialized in objectives for 2025.
















		2030 GOALS	2025 GOALS	2024 PROGRESS	SDG
Climate change		55 % reduction of Scope 1 and 2 emissions and 28 % of emissions Scope 3 with respect to 2019.	<ul style="list-style-type: none"> <li>• 30% reduction in Scope 1 and 2 emissions.</li> <li>• 2/3 of suppliers (in terms of emissions) were SBTi approved compared to 2019.</li> <li>• 100% of Scope 1 emissions offset.</li> </ul>	<ul style="list-style-type: none"> <li>• 34% reduction in scope 1 and 2 compared to 2019.</li> <li>• 35.3% of supplier's emissions covered by total SBTi.</li> <li>• 100% of Scope 1 emissions offset..</li> </ul>	
Energy transition		<p>Safely integrate 100% of available renewable energy into the electricity system: 74% of renewable energy in the electricity generation mix.</p> <p>Empower society to promote their active participation in the energy transition process.</p>	<ul style="list-style-type: none"> <li>• &gt;60% renewable energy in the electricity generation mix.</li> <li>• Launching of the expanded Datahub, which, in accordance with regulations, can be accessed by authorised participants and stakeholders.</li> <li>• Greater content on the REData and RedOS platforms.</li> </ul>	<ul style="list-style-type: none"> <li>• 56.8% renewable energy in the electricity generation mix.</li> <li>• Evolution of the contents of the ReData and RedOS platforms.</li> </ul>	 
					  



1. Our priority SDGs

2. A strategy of contribution to the SDGs

3. Electrical interconnection between the Peninsula and Ceuta

		2030 GOALS	2025 GOALS	2024 PROGRESS	SDG
Sustainable financing		100% sustainable financing.	<ul style="list-style-type: none"> <li>60% sustainable financing.</li> </ul>	<ul style="list-style-type: none"> <li>68.4% sustainable financing.</li> </ul>	
Biodiversity		Generate a positive net impact on the natural capital in the areas surrounding our facilities.	<ul style="list-style-type: none"> <li>100% of the critical line sections marked by Red Eléctrica.</li> <li>Compliance with the commitment to protect vegetation and combat deforestation in 100% of investment projects.</li> </ul>	<ul style="list-style-type: none"> <li>85.4% of the critical line sections marked</li> <li>100% of the investment projects with a commitment to protecting the plants and the fight against deforestation.</li> </ul>	  
Circular economy		Be a leading company in circular economy: Redeia 0% waste to landfill. Redeia 6.5 m³ of water consumption per employee per year in work centres.	<ul style="list-style-type: none"> <li>0% waste to landfill in Red Eléctrica.</li> <li>6.5 m³ of water consumption per employee per year in Red Eléctrica work centres.</li> </ul>	<ul style="list-style-type: none"> <li>0 % of waste to landfills in Red Eléctrica.</li> <li>6.27 m³ of water consumption per employee in Red Eléctrica and Redinter work centers.</li> </ul>	 
Suppliers		Be a driver of change for our suppliers: at least 25 supplies with a major impact on the transmission grid with circularity criteria (LCA – Life Cycle Assessment), climate change, security, diversity, and biodiversity.	<ul style="list-style-type: none"> <li>At least 10 supplies with the greatest impact on the transmission grid shall include circular criteria (LCA), climate change, security, diversity and biodiversity.</li> </ul>	<ul style="list-style-type: none"> <li>11 supplies with the greatest impact on the transportation network with criteria of circularity (LCA), climate change, safety, diversity and biodiversity.</li> </ul>	  

		2030 GOALS	2025 GOALS	2024 PROGRESS	SDG
Diversity		<ul style="list-style-type: none"> <li>Be a reference employer for gender equality: 50% of women on Redeia's Board of Directors and the Group's management team.</li> </ul>	<ul style="list-style-type: none"> <li>50% of women on Redeia's Board of Directors.</li> <li>38% of women in the Group's Senior Management.</li> </ul>	<ul style="list-style-type: none"> <li>50% of women on the Board of Directors.</li> <li>37.1% women in the management.</li> </ul>	
		<ul style="list-style-type: none"> <li>Promote inclusion of groups at risk of exclusion from society and employment.</li> </ul>	<ul style="list-style-type: none"> <li>At least 40% of the legal percentage for the direct hiring of people with disabilities.</li> <li>Increase of 20% of the volume hired through Special Employment Centres for the provision of services in Redeia.</li> </ul>	<ul style="list-style-type: none"> <li>1.1 % of the workforce are people with disabilities.</li> <li>32 % increase in the volume managed through Special Employment Centers for the provision of services.</li> </ul>	
Digital divide		<ul style="list-style-type: none"> <li>Reducing the digital divide: 100% connection rate for people in the areas surrounding our facilities.</li> </ul>	<ul style="list-style-type: none"> <li>Encourage the development of the fibre optic business of at least three local carriers.</li> <li>100 Mbps connectivity deployed throughout Spain.</li> </ul>	<ul style="list-style-type: none"> <li>Development of the fiber optic business of a local operator.</li> <li>Launch by Hispasat of the PueblosMUYconectados contest, within the Conéctate 35 program</li> </ul>	 
Innovation and technology		<ul style="list-style-type: none"> <li>Be a reference company for technological innovation. Adoption of 64 innovative technological solutions in Redeia that address the Group's key challenges, contributing tangible or intangible value.</li> </ul>	<ul style="list-style-type: none"> <li>Adoption of 24 innovative technological solutions in Redeia that address the Group's key challenges, contributing tangible or intangible value.</li> </ul>	<ul style="list-style-type: none"> <li>25 innovative technological solutions adopted.</li> </ul>	 

1. Our priority SDGs

2. A strategy of contribution to the SDGs

3. Electrical interconnection between the Peninsula and Ceuta

# Electrical interconnection between the Peninsula and Ceuta: a project of global contribution to the SDGs

# 3

## Electrical interconnection between the Peninsula and Ceuta

The electricity interconnection between the Peninsula and Ceuta is a fundamental project that will provide Ceuta's system with the same standards of security and quality of supply as in the Iberian Peninsula, constituting a key project in the territorial structuring.

### Main benefits of the project

- 1** **Electrical integration of the autonomous city of Ceuta into the national electricity system, providing it with the same levels of quality and security of supply**
- 2** **Substitution of fossil fuels for renewable energy with the consequent reduction of emissions, which will allow progress in the transition to a more decarbonized energy model.**
- 3** **Greater economic efficiency, reducing the costs of the electricity system as a whole and passing the savings on to consumers.**
- 4** **Transformation of the productive fabric, generating new economic opportunities and job creation in the area**

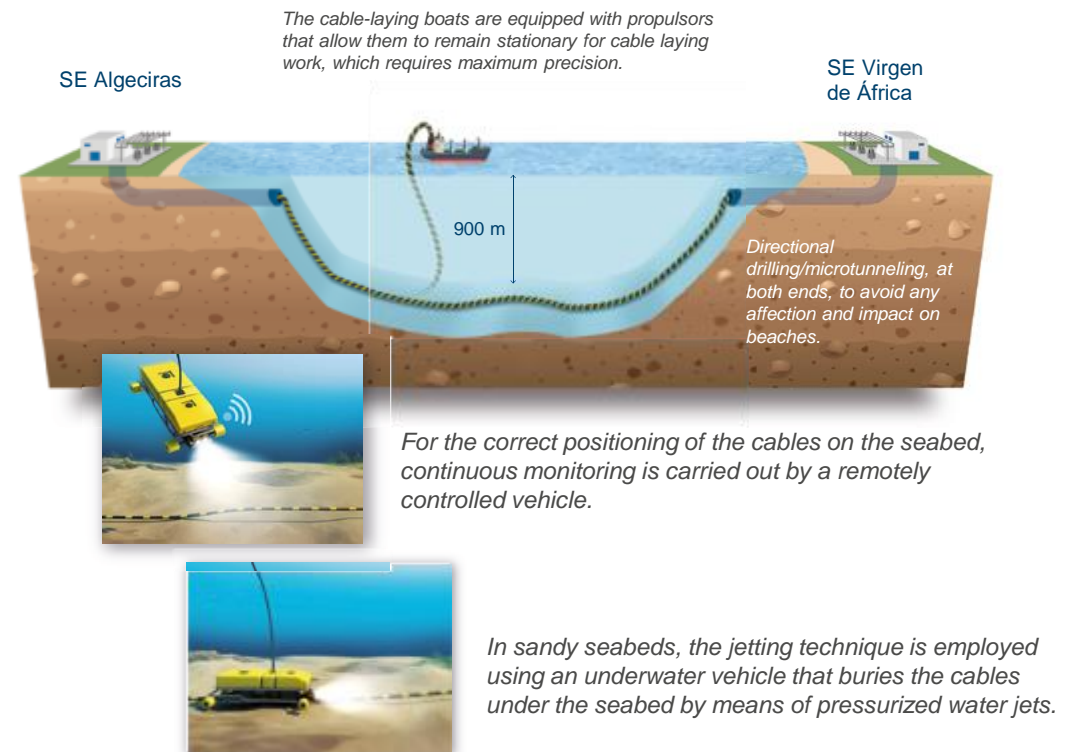
**75%**  
reduction of  
energy not  
supplied in  
Ceuta

**300,000**  
t/year CO2  
emissions  
savings

**30 M€/year**  
savings in  
electricity  
generation  
costs

### Project data

- Double 132 kilovolt circuit between the existing Algeciras substation and the new Virgen de África substation in Ceuta.
- Total length of the link: 68.9 km (100 % will be underground or submarine):
  - 58 km underwater: 900 meters deep.- 10.9 km underground: 9.2 km on the mainland and 1.7 km in Ceuta.
  - 10.9 km underground: 9.2 km on the Peninsula and 1.7 km in Ceuta.





## Contribution to the SDGs



- The implementation of the interconnection will be decisive in boosting Ceuta's economy and reducing its dependence on fossil fuels, contributing to the decarbonization of the system and to the progress of Spain's ecological transition.
- The entire project will be integrated into an area consisting of industrial facilities and infrastructures, which will be regenerated once the works are completed, with improvements to the environment.



- Contribution of the project to Ceuta's GDP of 132 million euros and 31 million euros to the rest of Spain.
- Estimated job creation of 2,764 jobs linked to the interconnection.



- It is a double circuit 132 kV link, with a length of 68.9 km, which runs along the seabed at a maximum depth of 900 meters below sea level, protected throughout its route against external aggressions.
- The electrical interconnection will favor a more efficient electrical system which, by substituting high-cost energy from the current thermal power plant in Ceuta with energy from the Peninsula, will allow savings for the electrical system, which will be passed on to consumers' bills.
- The interventions to be carried out for the construction of the link will improve and rearrange the state of the current environment, providing a greater benefit and an opportunity to improve the welfare of the municipality, especially for the residents of Puente Mayorgas.





## 1. Our priority SDGs

## 2. A strategy of contribution to the SDGs

## 3. Electrical interconnection between the Peninsula and Ceuta



- The link incorporates Ceuta into the peninsular electricity system, benefiting from its share of renewable generation, which will result in a reduction of greenhouse gases, estimated at some 300,000 tons per year.



- The laying of the cable avoids areas of special environmental value such as the Parque Natural del Estrecho (off the coast of Cadiz) or the natural area of Monte Hacho in Ceuta.
- The marine corridor of the interconnection between Ceuta and the Peninsula minimizes the effects on the fishing sector and its definition has taken into account the passage of ships and vessels transiting through the Strait.
- The marine route shares corridors with other infrastructures (communications cables) while maintaining the necessary safety distances.



- The substation makes the presence of trees compatible with the design of the new park, guaranteeing visual screening and reinforcing it with other measures such as solid enclosures. Since it is encapsulated within the building, the built-up area is a mere 534 m<sup>2</sup>.
- The land-sea transitions will be carried out on the Peninsula from a parking lot near the beach of La Torre Nueva, in La Línea de la Concepción.
- In the terracing, construction techniques have been chosen which, by means of a directed perforation/microtunnel, avoid any affection and impact on the beach and the dune areas, making the installation totally compatible with the tourist exploitation.





## Edit

Redeia

Paseo del Conde  
de los Gaitanes, 177  
28109 Alcobendas  
(Madrid)

[www.redeia.com](http://www.redeia.com)

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