

Press release

## At La Térmica Cultural

# Ponferrada hosts Redeia's exhibition “Connected to the future: The energy transition”

The exhibition introduces visitors to the ecological transition through an interactive and digital experience featuring an avatar, games, experiments, and even an escape room

An immersive experience helps visitors understand the key role consumers play in the future energy model

The exhibition arrives in Ponferrada following its run in Vitoria, Madrid, Valladolid, Granada, Tenerife, and Gran Canaria

Ponferrada, 27 June 2025

The exhibition “**Connected to the future: The energy transition**” has opened its doors at La Térmica Cultural, a facility managed by the City of Energy Foundation (CIUDEN) in **Ponferrada** (León), where it can be visited free of charge until 7 January 2026. This is a travelling exhibition by Redeia, Red Eléctrica’s parent company, designed to boost awareness of the energy transition and the active role played by consumers, who are the true driving force behind the future energy model.

This interactive, educational experience allows families, students, and the general public to explore and learn about electricity, the journey of electricity, the energy transition, and how these elements support the UN Sustainable Development Goals (SDGs) through a series of games and experiments.

The exhibition has a threefold objective: to raise awareness among visitors about the impacts of the climate emergency; to explain the challenges of the energy transition and the sustainability commitments of the 2030 Agenda; and to highlight the active role consumers will play in the future energy model. It also highlights the vital role of connectivity in daily life and Redeia’s commitment to guaranteeing this essential service to help bridge the digital divide.

The exhibition arrives in Ponferrada from the Sala América in Vitoria. Previously, it has been showcased at the Royal Botanical Garden of the Spanish National Research Council in Madrid, the Science Museum in Valladolid, the Science Park in Granada, the Museum of Science and the Cosmos in Tenerife, and the Elder Museum of Science and Technology in Las Palmas de Gran Canaria, accumulating nearly 212,000 visits across these cities.

Spanning five modules, the exhibition takes visitors on an immersive journey through the worlds of energy and telecommunications. The exhibition space unfolds across several stages using a blend of analogue and digital approaches, where visitors take centre stage to tackle various challenges in the form of games, experiments, and even an **escape room**. In doing so, attendees will uncover key insights into the two major transformations currently underway across the country: the ecological transition and the roll-out of digitalisation. It also features dedicated content celebrating Red Eléctrica's 40-year history.

### **An immersive experience for all ages**

Throughout the tour, “**Doctora Volta**” – an augmented reality avatar – serves as the exhibition guide. At the start of the tour, visitors can access this virtual assistant via a QR code; she will accompany them at strategic points of the exhibition, providing a narrative sprinkled with touches of humour.

The journey places the visitor at the centre of the experience. Upon arrival, visitors receive a **QR code** that serves as a key to unlock the various sections of the tour.

The first stop, dedicated to electricity and connectivity, provides an immersive look into the worlds of energy and telecommunications through a series of fun games and experiments. The second section features a large-scale model that explains how the electricity system works and offers a virtual tour of the **Electricity Control Centre (Cecoel)** – the operational heart of the system that guarantees security of supply.

The third module explores the challenges and commitments of the energy transition, detailing key aspects such as renewable energy integration and digital transformation. The final two sections focus on the **Sustainable Development Goals (SDGs)**, aiming to raise awareness among citizens about the vital role they play in shaping the new electricity system.