

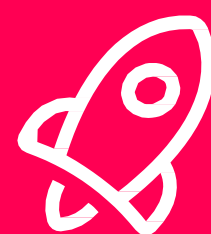
Summary of activities 2024

Contents

The Foundation's strategy is in line with that of Repsol, the Sustainable Development Goals, the 2030 Agenda, and the Paris Agreement; and focused on five lines of action:



Green and social
economy



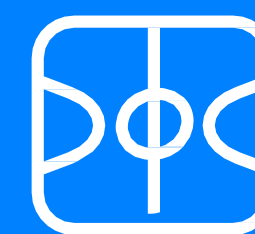
Entrepreneurship and
innovation



Energy
knowledge



Social
transformation



School
sport

Green and social economy



Repsol Foundation has promoted a new green and social economy, based on ESG (Environmental, Social, Governance) principles, with projects and investments in companies that respond to the global challenge of the energy transition and generate a triple positive impact on the environment, society, and the economy.

Repsol Foundation, through **Repsol Impacto Social**, participated throughout 2024 with:

Grupo Sylvestris

Company specializing in large-scale reforestation projects that contribute to the offsetting of CO2 emissions, focusing on development in rural environments through contracting of local companies and workers, with special attention to vulnerable groups.

Koiki

Company dedicated to local parcel delivery in Spanish cities, generating employment for people in vulnerable situations.

Hispaled

Job placement company that develops innovative energy efficiency solutions with LED technology.

GNE Finance

Company specialized in the eco-efficient rehabilitation of housing, where it has positioned itself as a benchmark in the activity of consulting and participation in European projects convened by the European Commission (H2020 projects and life projects).

GREEN ENGINE

In 2024, Repsol Foundation began promoting Green Engine, the large-scale reforestation project in Spain and Portugal carried out together with its investee **Grupo Sylvestris** to generate a triple positive impact on the territory:

Environmental. Reforesting scorched or barren land and creating new forests, which contribute to mitigating climate change.

Social. Creating local and inclusive employment and offering training programs to improve employability, helping to maintain the population in regions with few job opportunities.

Economic. Making investments focused on the future and galvanizing business activity in rural areas.

Reforestation work has advanced in the Spanish autonomous communities of Galicia, Asturias, Extremadura, and Castilla y León, as well as other regions of Portugal, generating about **1,000 local jobs**.

Innovative systems for fire prevention, early detection, and firefighting support have been implemented together with **Hispasat**, Green Engine's technology partner. Supported by satellite technology and with the installation of high-precision sensors in the trees themselves, the deployed technology captures the presence of various gases and allows for the monitoring of temperature and humidity conditions in the area, achieving early detection in case of fire and immediate warning to the competent authorities. In addition, the deployment of this project has made it possible to provide connectivity to villages near reforestation.

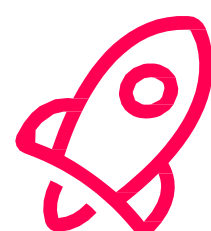
Finally, the **Green Engine marketplace** made it easier for companies to participate in reforestation projects in Spain during 2024.



In 2025, Green Engine will implement, alongside Hispasat, satellite technology for the protection of forests in new areas of action in Spain and Portugal, collaborating with the public and private sectors.



Entrepreneurship and innovation



Repsol Foundation has promoted innovation and entrepreneurship in energy through the **Entrepreneurs Fund**, its start-up accelerator. In 2024, new start-ups were selected in the funds's 13th call and an ad hoc acceleration plan will be implemented for each of the selected start-ups:

SPAIN

Cooling Fotonics

Film coatings for passive cooling by infrared radiation.

UNITED KINGDOM

Electrogens

Advanced catalysts for alkaline electrolysis cells for hydrogen production.

SPAIN

Imageryst

Easy-to-use platform for the processing and presentation of geolocated data from satellite images.

SPAIN

Intemic

Software platform for optimizing complex industrial processes through real-time data integration

UNITED KINGDOM

Purifire Labs

Conversion of organic waste into methanol by hydrothermal gasification.

SPAIN

Roseo

Small wind turbine power generation facilities in urban environments.

SPAIN

Smallops

Recovery of olive residues and byproducts through the production of nanoparticles and biogas.

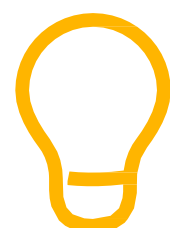
Each call selects between five and seven tech start-ups that provide innovative solutions to the challenges of sustainable energy: economics, circular transition, CO₂ capture and use, renewable fuels and materials, energy efficiency, water management, renewable energies, advanced mobility, and solutions based on digitization.

The acceleration program model offers a reinforced value proposition for start-ups and entrepreneurs consisting of a financial contribution of up to **€120,000** in the form of a convertible loan together with the support, for 12 months, of an expert team to implement a personalized work plan and carry out pilot tests within the Repsol Group.

The Entrepreneurs Fund works to enrich its network of partners and collaborators and strengthen its position on innovation in the entrepreneurial ecosystem as a key lever to generate opportunities for start-ups and give visibility to the activity of the Repsol Foundation.



Energy knowledge



Repsol Foundation promotes debate and communication of knowledge about the energy transition through **Open Room**, **Education and Research Programs at universities**, and the **Zinkers** educational programs.

Open Room is the digital community of reference on the energy transition. Throughout 2024, Open Room members had access to information, articles of interest, and the most relevant current events related to the energy transition.

The **Repsol Foundation Energy Transition Education and Research Programs** at prestigious universities reinforced the generation of rigorous knowledge on the energy transition for a sustainable future, sharing it with society through the holding of events and the publication of content and technical articles.

As for the **Zinkers** educational programs, primary, secondary, and vocational training teachers have enjoyed all kinds of resources using different methodologies to cover all the curricular content contained in both the LOMLOE and the VET laws on education in Spain, including energy, climate change, air quality, sustainable mobility, the circular economy, and the Sustainable Development Goals.

Repsol Foundation launched this year the **3rd edition of the Zinkers Awards**, a unique experience for teachers and students in primary and secondary education. The best primary and secondary schools each won **€15,000** to undertake an innovation project for the methodological transformation of the classroom or school.

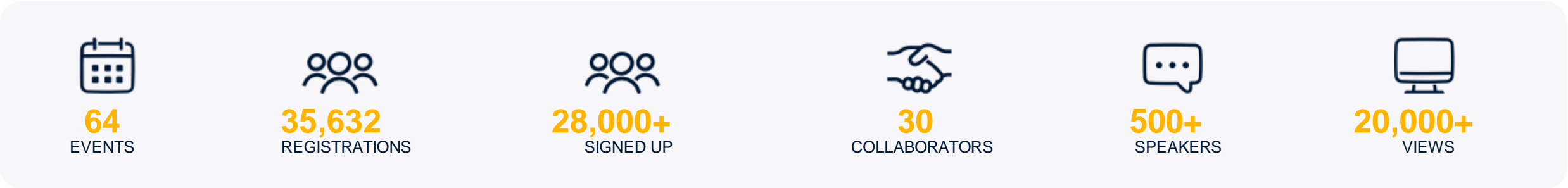


OPEN ROOM

In 2024, Open Room created a space for objective and rigorous debate, positioning Repsol Foundation as a **benchmark in energy transition**. The community is made up of people with an interest in this area who belong to public and private sector institutions, organizations in the field of energy, academic institutions, and civil society, among others.

The main initiatives carried out in 2024 focused on the organization of a series of conferences in different formats; training courses on the energy transition, the hydrogen chain, and new technologies; the development of content such as informative posts, scientific articles by professors of the Repsol Foundation Education and Research Programs, as well as reports and studies by experts.

The result of these initiatives materialized in 2024 with the holding of 64 events in Spain and Portugal in collaboration with 30 entities, with more than 28,000 registered, more than 20,000 views, and where more than 500 speakers took part. The number of users of the Open Room platform grew by 11,438 users in 2024, reaching a total of 35,632 registered users.



OPEN ROOM

At the end of 2023, the **"Repsol Foundation University Challenge"** initiative was launched for undergraduate, master's, and doctoral students from various degrees from Spanish universities, in order to bring the academic world closer to business reality. The objective was to spread the knowledge about the energy transition through five challenges:

- Sustainable and decarbonized cities
- Sustainable and decarbonized mobility
- Sustainable and decarbonized industry
- Circular economy as a decarbonization lever
- Energy transition and society

This initiative, whose call was closed in February 2024, enrolled 1,702 students from 83 universities, grouped into 342 teams, who submitted 386 proposals in total.

The 25 finalists (five for each challenge), selected by a committee of experts, met at a hackathon held in Madrid on March 8th and 9th 2024.

For two days, these teams, composed of 93 students from 29 universities in Spain, prepared the proposals that were presented to a jury in charge of selecting the five best, one for each challenge. The winners received a financial prize of €12,000 per team and the chance to join the various young talent programs offered by Repsol.



1,702

UNIVERSITY CHALLENGE
PARTICIPANTS



83

UNIVERSITIES



342

TEAMS

The winning teams by Challenge were:

1. **Sustainable and decarbonized cities**
Winning Team: **EcoFuturo**, from the University of Alicante, with the project "Urban planters powered by a mini-waste treatment plant."
2. **Sustainable and decarbonized mobility**
Winning Team: **Wave Energy**, from Rovira i Virgili University, with the project "Wave energy for the decarbonization of maritime transport."
3. **Circular economy as a lever for decarbonization**
4. Winning team: **EcoIngenieros**, from the Polytechnic University of Madrid, with the project "Wind Farm Recycling."
5. **Sustainable and decarbonized industry**
Winning Team: **Carbon Fighters**, from the University of Zaragoza, with the project "Decarbonization of the steel industry through biomass and power-to-gas."
5. **Energy transition and society**
Winning Team: **Los Amigos**, from the University of Zaragoza, with the "Marloquinas" project.



ENERGY TRANSITION EDUCATION AND RESEARCH PROGRAMS

The objective of the Repsol Energy Transition Education and Research programs is to **contribute to the dissemination of knowledge** on key issues of energy transition through the rigor and objectivity of the academic environment.

The education and research programs carry out training, teaching, and other types of activities aimed at students. They also develop new lines of work through **bachelor's or master's degree final projects** and deal with the dissemination of key aspects of the energy transition to society through events, publications, and news.

The education and research program at **Rovira i Virgili University** focuses on **CO₂ capture and exploitation systems** with the aim of fostering greater knowledge about the role of different negative emissions technologies (NETs), their role in a net zero future and the regulatory framework to enable the deployment of negative emission technologies. 2 events and 3 technical articles.

The education and research program at the **University of Navarra** focused its **activities on hydrogen**, its technical possibilities and its strategic value, as well as studying key aspects related to production, distribution, and making it available to the end user for sustainable mobility. The lines of work delved into the challenges for the transport and storage of hydrogen, integrating the production of renewable H₂ in industry, and the distribution networks reaching hydrogen filling stations from production centers. 2 events, 1 course, and 2 technical articles.

The education and research program on **sustainable mobility** at the **Polytechnic University of Madrid** worked on the environmental impact beyond the carbon footprint; the improvement of urban air quality; the impact on costs and the pattern of use of vehicle propulsion technologies in the future; and the contribution of autonomous, connected, cooperative, and shared mobility to reducing the negative impacts of road transport. 4 events, 1 course, 7 technical articles.

The lines of work of the education and research program at **Comillas University – ICAI** focused its work on the decarbonization of industry, the decarbonization of the paper and cardboard sector and analyzed the unwanted effects of the energy transition by providing solutions to the study (2 events, 6 technical articles, and 1 award for the best master's degree final project).

The education and research program at the **University of the Basque Country** on **circular economy in industrial decarbonization** has focused on the valorization of plastics through hydrothermal process, the use of used cooking oils for biofuel production and the management and valorization of slurry through anaerobic treatment. 2 events and 3 technical articles.

Nova SBE University continues with the **Towards Net Zero Cities** initiative, focused on analyzing the role that cities play in accelerating the energy transition and achieving the climate goals of the 2030 Agenda as a key piece to move towards a sustainable and resilient society in the face of climate change. The lines of work were the study of energy communities and energy management; sustainable urban building and green infrastructure; sustainable urban mobility; efficient waste and resource management; renewable energies; and solutions based on nature and biodiversity.

At the end of 2024, **Carlos III University of Madrid** joined the Education and Research program to address the issue of **renewable fuels**. In addition, this year interviews have been held with the directors of each education and research program to deepen their progress and achievements. These interviews made it possible to highlight the work carried out and to share knowledge and experiences among the different institutions.



ZINKERS

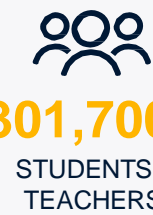
The **Zinkers** educational programs promoted by Repsol Foundation offer different educational resources and activities **free of charge** to discover and understand the world of energy and the challenges of the ecological transition in a didactic and interactive way, enhancing creativity, communication, and teamwork skills among children and young people. Zinkers programs contribute to fostering STEM competencies in future professionals and to generate the necessary talent in the coming years to address the challenges of the planet's sustainability and the ecological transition. Designed by experts in energy and education, it takes an innovative approach to content on SDGs, the environment, energy, and climate change. It is a commitment to education as a fundamental tool to face the challenges of the future from academic rigor and technological neutrality.

Zinkers Elementary and Zinkers Secondary: Adapted to the primary and secondary school curriculum and aligned with the requirements of Spain's Organic Law of Education (LOMLOE). The programs are modular and allow adaptability to the teacher's programming, and work on projects from different subjects, promoting transversality and co-teaching. They are available free of charge in Spanish, Catalan, Basque, Galician, Valencian, and English

Since the '23-'24 school year, we have had **Zinkers Ensino Básico**, which covers the educational stages of the Portuguese education system and is available in Portuguese and English.

As a novelty, since the '24-'25 school year we had **Zinkers Vocational Training (intermediate and superior degrees)** in response to the new law on the organization and integration of Vocational Training, covering the curricular contents of the Sustainability module in the productive sectors for all VET degrees. This program provides teachers with tools that facilitate their work in the development and integration of content and competencies related to sustainability.

In 2024, Zinkers reached 6,090 schools, 301,700 teachers and students. It was present at nine Educational Innovation Congresses and different webinars were organized for teachers.



PROGRAMS

ZINKERS PRIMARY
(Grades 1 through 6)

ZINKERS SECONDARY

ZINKERS VET

ZINKERS ENSINO BÁSICO
(Portugal)



ZINKERS

In 2024, the **3rd edition of the Zinkers Awards** was held, which recognizes schools committed to the ecological transition and an innovative learning model. A total of 34 schools, 17 primary schools and 17 secondary schools from each of the Autonomous Communities, won prizes. Among them, there was an overall primary school winner, Los Valles de Laguna de Duero Public School (Valladolid) and an overall secondary school winner, La Ribera de Cascante Center (Navarra).

The regional winners received €2,000 for an educational innovation project at the center and €500 for material / experience for the students of the winning classroom and €16,000 for the overall winners to develop an innovation project for the methodological transformation of the classroom or school and a training day aimed at the students of the winning classrooms. All the winning teachers, together with another teacher or representative of the winning school, had a training, networking, and leisure experience in Madrid, in addition to the Awards Gala.



REPSOL FOUNDATION SCHOLARSHIPS

Repsol Foundation, with its scholarships in collaboration with the social councils of the universities near Repsol's industrial centers, facilitates access to university education for high school students with a good academic record but with economic, social, or personal difficulties:

University of Castilla - La Mancha

Undergraduate university scholarships for students with disabilities. No. of scholarship students: 2

Rovira i Virgili University

Undergraduate college scholarships for students at risk of social exclusion. No. of scholarship students: 9



Social transformation



Repsol Foundation has maintained its commitment to respond to the social challenges of the energy transition, promoting social development and the inclusion of people in vulnerable situations. In addition, it has counted on the commitment of the **Repsol Volunteers** who have become agents of change to promote a fair and inclusive energy transition for the transformation of society.

SOCIAL PROJECTS

In 2024, Repsol Foundation implemented training initiatives in the reforestation environments of the **Green Engine** project aimed at young people, vulnerable people, social entities, and citizens in general. The objectives of the courses and workshops were environmental awareness, forestry, and green entrepreneurship.

Projects within the strategic lines of Repsol Foundation were supported and promoted with leading entities such as **Plena Inclusión Madrid**, **Cruz Roja**, **Fundación Integra**, **Fundación Ite**, **Fundación Santa María la Real**, and **Universidad de Comillas** to work on four impact blocks: facilitating employment for vulnerable groups, promoting entrepreneurship and social innovation in social entities, improving the energy efficiency of the nonprofit sector, and reducing the carbon footprint, all thanks to the support of volunteers.

Hispaled: Training in transversal skills and digital skills in the sustainable lighting sector to improve the employability of young people at Hispaled and promote the transition to the labor market by accompanying them in their professional improvement.

Koiki: Training in sustainable distribution to professionals of social entities that work with vulnerable groups and raising awareness about the Koiki program to said professionals to publicize the project

Family and disability education and research program: this program continues to research/develop activities aimed at improving and benefiting people with disabilities and their families, through specific training, inclusive activities, and awareness-raising as well as research and publications.

Social impact measurement education and research program: its mission is to promote the culture of social impact measurement and management based on academic rigor. Its vision is to be a benchmark program in Spain on issues related to the measurement and management of social impact. In 2024, together with Hispaled, we developed a model for measuring and managing the social impact they generate on young people with monetized values.

The **Creating Value** project, developed together with **Plena Inclusión Madrid**. The objective of the project is to accompany social entities that are more environmentally and economically sustainable. Facilitating processes of change in its different services (occupational centers, housing, special employment centers) and in their environments, which promote circular actions, favor the development of social innovation and intrapreneurship, and train people with cognitive disabilities in possible green employment niches. Currently more than 40 entities participate in the network. Within the framework of this project we have developed Zinkers easy reading together with the education team.

VOLUNTEERING

Repsol Foundation promoted initiatives within the framework of the **Repsol Volunteering Plan**, in which employees and their environment collaborated, as well as retirees of the Company. Through these projects, volunteers contributed to driving a just and inclusive energy transition, generating a scalable social impact on society, and leveraging the professional expertise and knowledge of volunteers.

Within this plan, four programs were also developed, through alliances with numerous entities, whose main objective was to increase the employment of people in vulnerable situations and contribute to improving the energy efficiency and environmental sustainability of social entities:

- **Green employment:** program to make it easier for people in vulnerable situations to secure employment.
 - **Reduction of carbon footprint and environmental awareness:** a program that focuses on the conservation and restoration of the environment, and the commitment to the energy transition.
 - **Entrepreneurship and social innovation:** thanks to the volunteers, this program will ensure that the entities have greater sustainability by identifying new opportunities in the energy transition.
 - **Energy efficiency:** program that helps entities and people at risk of exclusion to make sustainable use of energy.
- In 2024, more than 5,691 volunteers in 22 countries carried out activities that benefited 8,599 people. In addition, in 2024, the **7th Repsol International Volunteering Week** was held, dedicated to energy efficiency, in which 3,583 volunteers from 22 countries demonstrated their commitment to society and the planet by participating in various in-person and virtual initiatives and activities.



22

COUNTRIES



5,691

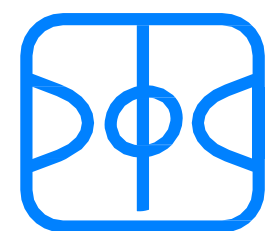
VOLUNTEERS



8,599

BENEFICIARIES

School sport



Repsol Foundation launched the School Sports pilot project with the aim of **promoting sports practice**, fostering positive sporting values and encouraging a healthy lifestyle among the generations of the future.

More than 9,500 children aged 6 to 11 from 137 schools and sports clubs around the Repsol industrial complexes in A Coruña, Cartagena, Puertollano, Tarragona, and Sines participated in this initiative.

All participating teams received complete and personalized team uniforms with the name, number, and team badge to play football.



137

SCHOOLS AND
SPORTS CLUBS



9,532

BOYS AND GIRLS
AGES 6 TO 11



**INDUSTRIAL
COMPLEXES**

CORUÑA, CARTAGENA,
PUERTOLLANO,
TARRAGONA, AND SINES