

## Report on Education and Vocational Training for employability

**20  
24**



Environmental and energy education helps to build a more sustainable future. Therefore, not only are we focused on transferring technical knowledge, we are also focused on generating a positive impact in society by promoting essential values for the energy transition and by fostering employability. We are committed to quality training, constantly updated and developed by experts.

In figures

Over 1,269,000  
people have benefited  
since 2018.  
160,865 in 2024.

2024 Data



Participants in educational  
programmes and  
outreach activities:

102,208

Beneficiaries of other activities:

11,161



Vocational Training  
for Employability  
Programme:

47,496  
beneficiaries



Satisfaction  
survey:

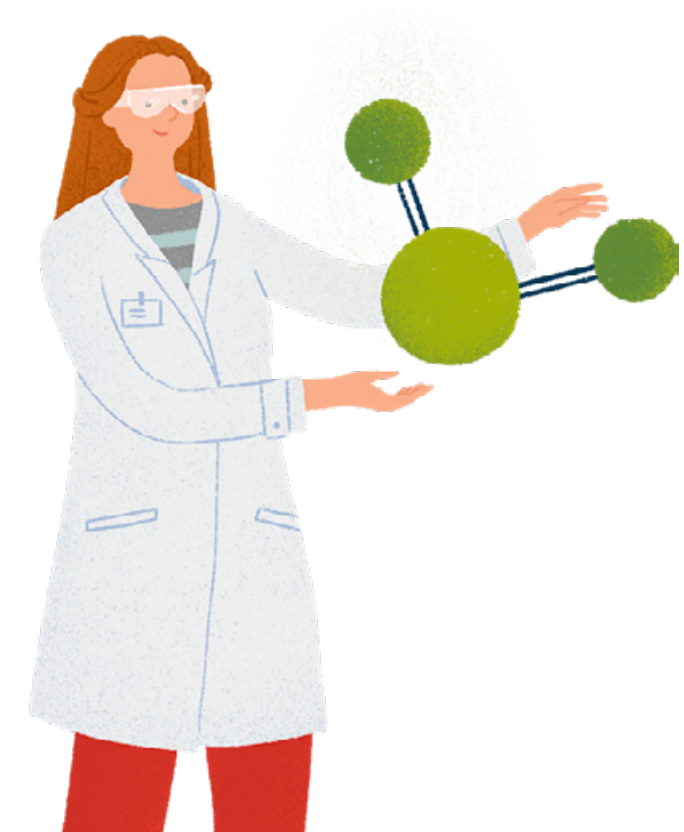
5 out of 6  
satisfaction score

## Second edition of the Naturgy Foundation-CSIC Award for research and technological innovation in the energy field

An initiative for promoting and highlighting innovation and research as one of the main pillars of the energy transition.

**A prize of €100,000.**

The Jury, chaired by the president of the CSIC, Eloísa del Pino, awarded the prize to the Instituto de Catálisis y Petroleoquímica (ICP-CSIC) for a project associated with hydrogen production



## Vocational Training for Employability

This programme promotes training and the improvement of employability in the energy sector through updated technical knowledge. The aim is to improve the preparation of future professionals in the sector and facilitate their entry into the job market.

Find out about it here:



2024 Data



Total  
beneficiaries  
**47,496**  
people



Hours of  
training  
provided  
**1,175**



People  
impacted  
since 2018  
**143,170**



Agreements  
with **9**  
Autonomous  
Communities



Other  
agreements  
with public and  
private  
entities: **8**



Education  
centres in  
Spain linked to  
training programmes:  
**355**

## Modules developed

### Training of trainers in Vocational Training.

- Renewable gases: technologies, uses and benefits.
- Energy advising in vulnerable environments.
- Digitalisation of electricity networks.
- Gas networks: green and digital.
- Sustainability applied to the production system.
- Maintenance of wind farms.
- Thermal imaging cameras.

### Professional training for employability.

- Installation and maintenance of solar photovoltaic systems.
- Efficient housing refurbishment.

- Maintenance of wind farms.
- “Course for and certification of inspectors for pre-testing, gas service registration operations, in-home operations and periodic inspection operations (PAD 1-2)”.

### Training objectives:

- Drive employability in the energy field.
- Provide future professionals in the sector with technical skills.
- Provide up-to-date technological knowledge and information on regulations in the energy sector, in line with the just transition.

- Strengthen vocational and dual training through modules such as the Sustainability Module.
- Collaborate with various entities to ensure relevant training.
- Promote professionalisation in all Autonomous Communities, especially in those affected by decarbonisation.

### Targeted at:

- Vocational training teachers and students.
- Professionals in the sector.
- Unemployed persons and vulnerable groups.

# Training given in 2024

## Professional Training

Training	Hours	Profile	Autonomous Communities
Installation of solar photovoltaic systems	210	Unemployed persons and vulnerable groups	Madrid
Installation of solar photovoltaic systems, training designed for women	210	Unemployed persons, training with a gender perspective	Madrid
Efficient housing refurbishment	195	Unemployed persons and vulnerable groups	Barcelona
Maintenance of wind farms.	200	Unemployed persons and vulnerable groups	Galicia.
Installation of solar photovoltaic systems	150	Unemployed persons and vulnerable groups	Madrid
Inspectors for pre-testing, gas service registration operations, in-home operations and periodic inspection operations (PAD 1-2)	24	Students and professionals in the sector	Madrid / Barcelona

## Formadores de Formación Profesional

Training / hours	Profile	Professional Families	Autonomous Communities
Energy Advising (25h)	Vocational Training Trainers	Sociocultural and community services	Andalusia, Asturias, Catalonia, Castile-La Mancha, Castile and León, Valencian Community, Extremadura, Galicia, Madrid
Maintenance at wind farms (30h)	Vocational Training Trainers	Renewable Energies	Andalusia, Catalonia, Castile-La Mancha, Castile and León, Valencian Community, Extremadura, Galicia, Madrid
Green and digital gas networks (25h).	Vocational Training Trainers	Installation and maintenance	Andalusia, Castile-La Mancha, Extremadura, Galicia, Madrid
Sustainability applied to the production system (30h).	Vocational Training Trainers	All professional families	Andalusia, Aragon, Asturias, Castile and León, Ceuta, Valencian Community, Extremadura, Madrid, Murcia, Canary Islands, Cantabria, Castile-La Mancha, Melilla, Basque Country, Galicia, Balearic Islands
Digitalisation of electricity networks (25h)	Vocational Training Trainers	Computers and Communications, Installation and Maintenance, Electricity and Electronics	Castile-La Mancha, Castile and León, Extremadura, Galicia, Madrid
Renewable gases: technologies, uses and benefits (20h).	Vocational Training Trainers	Energy and water. Chemistry. Agriculture. Installation and Maintenance	Castile-La Mancha, Castile and León, Extremadura, Galicia, Madrid
Thermal imaging camera workshop (1.5h)	Students and teaching staff	Building and Civil Works	Catalonia

## Sustainability Training: A key module for the future of Vocational Training

In 2024 and in agreement with the General Secretariat of Vocational Training of the Ministry of Education, Vocational Training and Sports (MEFPD), we have developed and certified this module through accreditation by the National Institute of Educational Technologies and Teacher Training (INTEF) of the MEFPD. This training has benefited 454 teachers from all over Spain.

This module not only ensures that future professionals understand the environmental, social and governance challenges, it also equips teachers with practical tools for effective integration in their classrooms.

## Naturgy Foundation and Fundae

We have signed a collaboration agreement with the Fundación Estatal para la Formación en el Empleo (State Foundation for Employment Training, “Fundae”) to make our training courses on energy, sustainability and the environment available on the “Digitalízate” (Digitise yourself) platform, free of charge, with the aim of improving employability in the sector.



## Naturgy Foundation Training Campus: Free and open online training

An innovative initiative that centralises all our training courses in the e-learning format, developed together with the Universitat Oberta de Catalunya (UOC), accessible both from our website and from the “Digitalízate” platform.

This training repository also offers a complete catalogue of publications and theoretical and practical training resources that enrich training and allow delving deeper into specialised knowledge.





## Educational programmes: efigyeducation

2024 Data



Total  
beneficiaries  
**94,422** people



Efigy Education  
programme for the  
classroom  
**15,360**  
beneficiaries



Other  
educational  
initiatives  
**3,202**



Efigy Digital  
Educations  
**71,020** users of  
applications and videos



Workshops  
held  
**650** sessions



Visits to power  
plants  
**4,840**  
beneficiaries

These programmes promote not only the responsible use of energy but also reflection on energy consumption and savings, while helping to understand what the energy transition means. An innovative and participatory teaching proposal, based on the SDGs, aligned with the Just Transition Strategy and the MITECO's Environmental Education Action Plan. It is clearly focused on fostering STEAM vocations and on promoting equitable education, recognised by the Ministry of Education, Vocational Training and Sports, by the FECYT and by the CSIC, as well as by the Regional Departments of Education of the competent public administrations and by different social agents.

- Efigy Education for the classroom:
- Efigy Digital Education
- Efigy Girls
- Efigy Planet
- Efigy Schools
- Efigy Technology Competition
- Visits to power generation plants
- Mentoring and initiatives to foster technological vocations



Find out more  
about it **here**

**Efigy Technology Competition (6th edition):** an initiative aimed at 3rd and 4th year ESO (Secondary Education) students in Spain, which promotes energy efficiency values and the promotion of technological vocations.

**Efigy Girls:** an educational proposal that seeks to awaken interest in STEAM among girls aged 10 to 16 through innovative educational experiences.

# Publications in Vocational Education and Training

Collection of publications for Vocational Education and Training in Energy. Vocational training for employability.



Self-consumption photovoltaic solar systems. Design, installation and maintenance.

Naturgy Foundation, Universidad Politécnica de Madrid (UPM) (Prof. Lorenzo Olivieri, Ph.D.) and Naturgy Distributed Generation Management.

October 2024.



Revision and updating of the professional module on Sustainability applied to the production sector.

Naturgy Sustainability Department and Naturgy Foundation.

November 2024.



Revision and updating of the professional module on Sustainability applied to the production sector. Advanced content.

Naturgy Sustainability Department and Naturgy Foundation.

November 2024.





## Collaboration agreements

