

Naturgy Foundation
Annual Report

2022

Naturgy 
Foundation
Transforming together



30 years
committed
to **society**



years
committed
to **society**



Discover more about the 30 years of our foundation



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the Chairman

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Letter from the Chairman

I am pleased to share with all of you the most relevant initiatives carried out by the Naturgy Foundation during fiscal year 2022. The activity detailed in this report represents, for yet another year, a demonstration of our firm commitment to the development of an adequate and fair energy transition, which guarantees the progress of society and the sustainability of the planet.

In line with the United Nations Sustainable Development Goals, we have continued to focus on promoting access to energy knowledge and innovation in our sector. Throughout 2022, nearly **300,000 people** benefited from the projects developed within the framework of our three lines of action: social action, energy, technology and environment, and education and vocational training.

Our **social initiatives are always linked to the improvement of the living conditions of groups in a situation of energy vulnerability**. During 2022, without having yet managed to emerge from the effects of the pandemic, other events occurred that aggravated the situation of vulnerable families. The war in Ukraine and the energy crisis that has resulted from it are negatively affecting many households.

This context poses an even greater challenge for the projects in the “Naturgy Energy Vulnerability Plan” that we have been implementing since 2017, and in which we have consolidated the social innovation line, linked to renewable energies, in order to provide structural solutions to help alleviate energy vulnerability. In 2022, we served more than 58,000 people in this situation, and over 3,600 homes have already been rehabilitated since 2018, when we launched our “**Energy Rehabilitation Solidarity Fund**”.

In the area of energy and environmental awareness, we have strengthened our commitment to rigorous analysis, encouraging public debate and the preparation of unpublished reports, which enable us to address the challenges facing the energy sector. To this end, we continue to count on the collaboration of renowned national and international specialists in energy, environmental and economic matters, as well as on the support of academic institutions, which have once again recognised us as a benchmark entity.

Once again this year, I would like to highlight our high-level conference series **Energy Prospectives**, an initiative promoted together with IESE Business School; the new sessions of **Conversations among experts**, which we are organising together with the Spanish Chapter of the Club of Rome; and the new initiative **Sendas geopolíticas de la transición energética**, which we launched together with the Real Instituto Elcano. In 2022, we published 22 publications and conducted 18 webinars, with more than 5,800 attendees, and more than 51,000 views through our website.

In the area of education and professional training, we continue to promote programmes to facilitate access to up-to-date technical knowledge about energy and to improve employability in the sector. Our educational programme **Efigy Education**, aimed at students of all ages, had reached 95,327 students by 2022, focusing on vulnerable groups and maintaining gender equity criteria.

With our “**Vocational Training Programme Employability**” programme, which now has seven training modules, we have joined the Ministry of Education’s Alianza por la Formación Profesional (Vocational Training Alliance) and aligned ourselves with the Just Transition Strategy of the Institute for Just

Transition of the Ministry for the Ecological Transition and the Demographic Challenge (MITECO). During 2022, 23,600 people benefited from this initiative, including students and working or unemployed professionals in the areas affected by the closure of the coal-fired power plants.

Among the milestones achieved in 2022, I am proud to highlight the **Honourable Mention of the National Energy Award 2021**, awarded by MITECO, in its “**María del Rosario Heras**” category. This award highlighted our important contribution in terms of awareness-raising and knowledge transfer, especially in the field of energy transition. The Ministry thus highlighted the efforts of our Foundation in favour of the decarbonisation of the economy, the prevention of pollution and air quality, the development of alternative energy sources and new fuels, and energy saving and efficiency in Spain.

Another of the awards received in 2022 was the “**Codespa XXI Award**”, in the category of “Solidarity Company 2021”, which distinguished our social programmes to combat energy vulnerability. This award received from the hands of His Majesty The King of Spain, Felipe VI, honorary president of these awards, is recognition of our energy rehabilitation activity and particularly of the work carried out by our volunteers.

And finally, I would also like to mention the recognition of **Forética** to our “Vocational Trainin for Employability” programme, within the framework of the JOBS 2030 Project - Future of Work, an initiative aimed at supporting and making visible the business activity aimed at achieving a more sustainable and ethical Future of Work, delving deeper into the most relevant elements to achieve a fairer transition.

With all these initiatives and recognitions, and after five years at the helm of this organisation, I would not like to end without acknowledging the excellent work promoted by the entire team at the Foundation. I would also like to thank the Naturgy group for its support, which allows us to make our project to achieve a fair and efficient energy transition a reality and renew it on a daily basis.

Thanks to everyone’s efforts, we have completed 30 years of activity, of commitment to society and to each of our beneficiaries; they are our greatest impetus to renew our commitment and continue moving towards a better, more humane and sustainable society.



Rafael Villaseca Marco
Chairman

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Board of Trustees





Rafael Villaseca Marco
Chairman



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Secretary



**María Eugenia Coronado
Orjuela**
CEO

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Financial information



Auditor's Report on the Naturgy Foundation

(Attached with Naturgy Foundation abbreviated annual accounts
corresponding to the financial year ending 31 December 2022)



KPMG Auditores, S.L.
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Torre Realia
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(Barcelona)

Informe de Auditoría de Cuentas Anuales Abreviadas emitido por un Auditor Independiente

Al patronato de Fundación Naturgy

Opinión

Hemos auditado las cuentas anuales abreviadas de Fundación Naturgy (la Fundación), que comprenden el balance abreviado a 31 de diciembre de 2022, la cuenta de pérdidas y ganancias abreviada y la memoria abreviada correspondientes al ejercicio terminado en dicha fecha.

En nuestra opinión, las cuentas anuales abreviadas adjuntas expresan, en todos los aspectos significativos, la imagen fiel del patrimonio y de la situación financiera de la Fundación a 31 de diciembre de 2022, así como de sus resultados correspondientes al ejercicio terminado en dicha fecha, de conformidad con el marco normativo de información financiera que resulta de aplicación (que se identifica en la nota 2 de la memoria abreviada) y, en particular, con los principios y criterios contables contenidos en el mismo.

Fundamento de la opinión

Hemos llevado a cabo nuestra auditoría de conformidad con la normativa reguladora de la actividad de auditoría de cuentas vigente en España. Nuestras responsabilidades de acuerdo con dichas normas se describen más adelante en la sección Responsabilidades del auditor en relación con la auditoría de las cuentas anuales abreviadas de nuestro informe.

Somos independientes de la Fundación de conformidad con los requerimientos de ética, incluidos los de independencia, que son aplicables a nuestra auditoría de las cuentas anuales abreviadas en España según lo exigido por la normativa reguladora de la actividad de auditoría de cuentas. En este sentido, no hemos prestado servicios distintos a los de la auditoría de cuentas ni han concurrido situaciones o circunstancias que, de acuerdo con lo establecido en la citada normativa reguladora, hayan afectado a la necesaria independencia de modo que se haya visto comprometida.

Consideramos que la evidencia de auditoría que hemos obtenido proporciona una base suficiente y adecuada para nuestra opinión.



Aspectos más relevantes de la auditoría

Los aspectos más relevantes de la auditoría son aquellos que, según nuestro juicio profesional, han sido considerados como los riesgos de incorrección material más significativos en nuestra auditoría de las cuentas anuales abreviadas del período actual. Estos riesgos han sido tratados en el contexto de nuestra auditoría de las cuentas anuales abreviadas en su conjunto, y en la formación de nuestra opinión sobre éstas, y no expresamos una opinión por separado sobre esos riesgos.

Aplicación de las aportaciones recibidas al Plan de Actuación aprobado por el Patronato

Tal y como se detalla en la nota 1 de la memoria abreviada adjunta, la Fundación tiene entre sus objetivos principales la información y sensibilización de la sociedad en el respeto y conservación del medio ambiente, así como el hacer compatibles el progreso económico con el uso racional de los recursos energéticos.

Tal y como se indica en la nota 12, a 31 de diciembre de 2022 la Fundación tiene registradas bajo el epígrafe de “Subvenciones, donaciones y legados imputados al excedente del ejercicio” de la cuenta de resultados abreviada adjunta por importe de 5.991.651 euros, las donaciones anuales por parte de la entidad fundadora, Naturgy Energy Group, S.A. y otras entidades del Grupo Naturgy, las cuales son destinadas a los proyectos específicos detallados en el Plan de Actuación aprobado por el Patronato. Adicionalmente, la Ley 50/2002 de Fundaciones, establece que deberá ser destinado a la realización de los fines fundacionales al menos el 70 por ciento de las rentas o cualesquiera otros ingresos netos que, previa deducción de impuestos obtenga la fundación.

Dada la importancia de la cifra de ingresos del ejercicio, así como la aplicación de dichos recursos a los fines previstos por la Fundación, consideramos que el cumplimiento de su adecuada aplicación y de la regulación aplicable constituyen aspectos relevantes de la auditoría.

Como parte de nuestros procedimientos de auditoría, entre otros, hemos comprobado a través de una muestra de extractos bancarios de la Fundación que los donativos recibidos en el ejercicio 2022 han sido efectivamente cobrados; para una muestra seleccionada de facturas hemos revisado los acuerdos de colaboración u otra documentación soporte verificando la correcta clasificación al proyecto correspondiente y que dicho proyecto es consistente con la actividad fundacional y está incluido en el Plan de Actuación aprobado por el Patronato; adicionalmente hemos comprobado que grado de cumplimiento del destino de las rentas se adecua a la legislación aplicable en vigor.

Asimismo, hemos evaluado si la información revelada en las cuentas anuales abreviadas cumple con los requerimientos del marco normativo de información financiera aplicable a la Fundación.

Otra información: Propuesta de aplicación del resultado

La otra información comprende exclusivamente la propuesta de aplicación del resultado del ejercicio 2022, cuya formulación es responsabilidad del Presidente de la Fundación y no forma parte integrante de las cuentas anuales abreviadas.



Nuestra opinión de auditoría sobre las cuentas anuales abreviadas no cubre la propuesta de aplicación del resultado. Nuestra responsabilidad sobre la misma, de conformidad con lo exigido por la normativa reguladora de la actividad de auditoría de cuentas, consiste en evaluar e informar sobre su concordancia con las cuentas anuales abreviadas, a partir del conocimiento de la entidad obtenido en la realización de la auditoría de las citadas cuentas y sin incluir información distinta de la obtenida como evidencia durante la misma. Si, basándonos en el trabajo que hemos realizado, concluimos que existen incorrecciones materiales, estamos obligados a informar de ello.

Sobre la base del trabajo realizado, según lo descrito en el párrafo anterior, no tenemos nada que informar respecto a la propuesta de aplicación del resultado.

Responsabilidad del Presidente en relación con las cuentas anuales abreviadas

El Presidente es responsable de formular las cuentas anuales abreviadas adjuntas, de forma que expresen la imagen fiel del patrimonio, de la situación financiera y de los resultados de la Fundación, de conformidad con el marco normativo de información financiera aplicable a la entidad en España, y del control interno que considere necesario para permitir la preparación de cuentas anuales abreviadas libres de incorrección material, debida a fraude o error.

En la preparación de las cuentas anuales abreviadas, el Presidente es responsable de la valoración de la capacidad de la Fundación para continuar como empresa en funcionamiento, revelando, según corresponda, las cuestiones relacionadas con la empresa en funcionamiento y utilizando el principio contable de empresa en funcionamiento excepto si el Presidente tiene intención de liquidar la fundación o de cesar sus operaciones, o bien no exista otra alternativa realista.

Responsabilidades del auditor en relación con la auditoría de las cuentas anuales abreviadas

Nuestros objetivos son obtener una seguridad razonable de que las cuentas anuales abreviadas en su conjunto están libres de incorrección material, debida a fraude o error, y emitir un informe de auditoría que contiene nuestra opinión. Seguridad razonable es un alto grado de seguridad, pero no garantiza que una auditoría realizada de conformidad con la normativa reguladora de la actividad de auditoría de cuentas vigente en España siempre detecte una incorrección material cuando existe. Las incorrecciones pueden deberse a fraude o error y se consideran materiales si, individualmente o de forma agregada, puede preverse razonablemente que influyan en las decisiones económicas que los usuarios toman basándose en las cuentas anuales abreviadas.

Como parte de una auditoría de conformidad con la normativa reguladora de la actividad de auditoría de cuentas vigente en España, aplicamos nuestro juicio profesional y mantenemos una actitud de escepticismo profesional durante toda la auditoría. También:

- Identificamos y valoramos los riesgos de incorrección material en las cuentas anuales abreviadas, debida a fraude o error, diseñamos y aplicamos procedimientos de auditoría para responder a dichos riesgos y obtenemos evidencia de auditoría suficiente y adecuada para proporcionar una base para nuestra opinión. El riesgo de no detectar una incorrección material debida a fraude es más elevado que en el caso de una incorrección material debida a error, ya que el fraude puede implicar colusión, falsificación, omisiones deliberadas, manifestaciones intencionadamente erróneas, o la elusión del control interno.



- Obtenemos conocimiento del control interno relevante para la auditoría con el fin de diseñar procedimientos de auditoría que sean adecuados en función de las circunstancias, y no con la finalidad de expresar una opinión sobre la eficacia del control interno de la entidad.
- Evaluamos si las políticas contables aplicadas son adecuadas y la razonabilidad de las estimaciones contables y la correspondiente información revelada por el Presidente.
- Concluimos sobre si es adecuada la utilización, por el Presidente, del principio contable de empresa en funcionamiento y, basándonos en la evidencia de auditoría obtenida, concluimos sobre si existe o no una incertidumbre material relacionada con hechos o con condiciones que pueden generar dudas significativas sobre la capacidad de la Fundación para continuar como empresa en funcionamiento. Si concluimos que existe una incertidumbre material, se requiere que llamemos la atención en nuestro informe de auditoría sobre la correspondiente información revelada en las cuentas anuales abreviadas o, si dichas revelaciones no son adecuadas, que expresemos una opinión modificada. Nuestras conclusiones se basan en la evidencia de auditoría obtenida hasta la fecha de nuestro informe de auditoría. Sin embargo, los hechos o condiciones futuros pueden ser la causa de que la Fundación deje de ser una empresa en funcionamiento.
- Evaluamos la presentación global, la estructura y el contenido de las cuentas anuales abreviadas, incluida la información revelada, y si las cuentas anuales abreviadas representan las transacciones y hechos subyacentes de un modo que logran expresar la imagen fiel.

Nos comunicamos con el Presidente de la entidad en relación con, entre otras cuestiones, el alcance y el momento de realización de la auditoría planificados y los hallazgos significativos de la auditoría, así como cualquier deficiencia significativa del control interno que identificamos en el transcurso de la auditoría.

Entre los riesgos significativos que han sido objeto de comunicación a al Presidente de Fundación Naturgy, determinamos los que han sido de la mayor significatividad en la auditoría de las cuentas anuales abreviadas del periodo actual y que son, en consecuencia, los riesgos considerados más significativos.

Describimos esos riesgos en nuestro informe de auditoría salvo que las disposiciones legales o reglamentarias prohíban revelar públicamente la cuestión.

KPMG Auditores, S.L.
Inscrito en el R.O.A.C. nº S0702

Alberto_Fernández_Solar
13/03/2023

Este informe se
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Instituto de
Censores Jurados
de Cuentas de
España

Inscrito en el R.O.A.C. nº 22472

Abbreviated balance sheet of the Naturgy Foundation

as of 31 December 2022 and 2021

(expressed in euros)

ASSETS	Note	31.12.2022	31.12.2021
NON-CURRENT ASSETS		340,864	383,625
Property, plant and equipment	5	336,544	379,305
Long-term financial investments	7	4,320	4,320
CURRENT ASSETS		3,196,006	3,255,233
Cash and cash equivalents	8	3,196,006	3,255,233
TOTAL ASSETS		3,436,870	3,638,858

EQUITY AND LIABILITIES	Nota	31.12.2022	31.12.2021
SHAREHOLDERS' EQUITY		2,423,097	2,424,712
Shareholders' equity	10	2,423,097	2,424,712
Founding capital		1,502,530	1,502,530
Reserves		922,182	1,191,758
Surplus for the fiscal year	3	(1,615)	(269,576)
CURRENT LIABILITIES		1,113,773	1,214,146
Trade and other accounts payable	9	1,113,733	1,214,146
Suppliers		924,587	976,824
Suppliers related companies		176,821	233,962
Sundry creditors		--	465
Public administrations		12,365	2,895
TOTAL NET EQUITY AND LIABILITIES		3,536,870	3,638,858

Notes 1 to 17 are an integral part of these abridged financial statements.

Naturgy Foundation's abridged income statement

for the financial years ended 31 December 2022 and 2021

(in euros)

	Note	2022	2021
A) YEAR-END SURPLUS			
Company revenue through its own activity	12	5,991,651	5,011,710
Users' contributions		--	400
Grants, donations and legacies charged to surplus for the year		5,991,651	5,011,310
Subsidies granted and other expenses		(1,550,455)	(1,240,164)
Monetary assistance	12	(1,550,455)	(1,239,801)
Expenses for collaborations and the governing body		--	(363)
Other income from the activity	12	27,082	86,773
Ancillary and other current revenues		27,082	86,773
Other activity expenses	12	(4,426,178)	(4,070,277)
Depreciation of fixed assets	5	(42,761)	(58,630)
ACTIVITY SURPLUS		(661)	(270,588)
Financial income	12	--	1,389
Financial expenses	12	(178)	(572)
Exchange differences	12	776	195
SURPLUS/(DEFICIT) ON FINANCIAL OPERATIONS		954	1,012
PRE-TAX SURPLUS		(1,615)	(269,576)
CHANGES IN NET EQUITY RECOGNISED IN SURPLUS/(DEFICIT) FOR THE YEAR	3.10	(1,615)	(269,576)
TOTAL RESULT, CHANGE IN NET EQUITY IN THE FINANCIAL YEAR		(1,615)	(269,576)

Notes 1 to 17 are an integral part of these abridged financial statements.

03

Energy and social engagement

Social action programmes show Naturgy's commitment in the countries where the company carries out its business activities. These initiatives, always linked to energy and improving the conditions of the most vulnerable and with a focus on social innovation, are one of the fundamental pillars on which the Foundation builds its shared vision with society.



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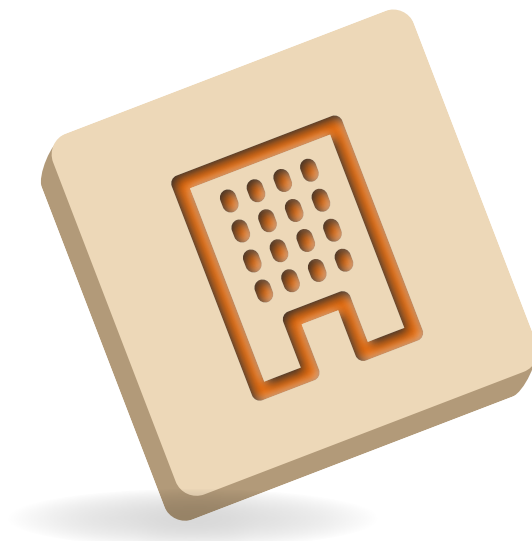
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03

Energy and social engagement

During 2022, without having yet managed to emerge from the crisis caused by the pandemic, other events aggravated the situation of energy vulnerable families. The invasion of Ukraine and the open energy crisis due to price increases are undoubtedly negatively affecting many households. This poses an even greater challenge for the actions and projects included in the Energy Vulnerability Plan. This plan, launched in 2017, has benefited more than 207,000 people. This year the social innovation line has been consolidated, linked to the development of renewable energies, to provide structural solutions to help alleviate energy vulnerability.



The initiatives implemented during this financial year are:

- The Naturgy Foundation Award for the best social energy initiative and call for applications for the fourth edition.
- Retrofitting of homes with funding from the Energy Rehabilitation Solidarity Fund.
- Development of the social innovation line to incorporate renewable energies in the fight against vulnerability.
- Energy and efficiency training through the Energy School.
- Development of energy, social and environmental volunteering activities.
- Publication of studies related to express energy rehabilitation: *Express energy rehabilitation. Analysis and contributions from social entities*, the update of the publication *Re-habilitación energética exprés para hogares vulnerables. Low-cost solutions and Jobs in demand in the energy sector*.

- Participation in European projects to alleviate energy poverty.
- Membership of the advisory council of the Chair of Energy and Poverty at the Universidad Pontificia Comillas.

Our programmes are tailored to the needs of the beneficiaries and the organisations that work with them, respecting the unique characteristics of each community and proposing improvements to their living conditions.

Collaboration with public authorities, third-sector organisations, universities and companies is essential for implementing these programmes, increasing the number of beneficiaries, and ensuring the long-term impact of the results.

The Naturgy Foundation is convinced of the need for networking and collaboration between entities. For this reason, from the social action line, the number of entities with which there are agreements is increased every year. This year we have worked in a network with 33 social entities.

During 2022, **58,383** people benefited from the Foundation's social programmes and **207,051** since 2018

Homes rehabilitated since the creation of the Energy Rehabilitation Solidarity Fund:

3,625
1,111 in 2022

People trained since the creation of the Energy School:

30,961
3,942 in 2022

Beneficiaries of the various volunteer programmes:

56,762
12,263 in 2022

Social entities with which we work for the development of all our programmes:

33

Volunteers who have participated in the different activities in 2022:

676

Volunteer actions:

816

Volunteer hours:

4,360

Award for Best Social Energy Initiative



Rafael Villaseca, Chairman of the Naturgy Foundation, and Jordi Garcia Tabernero, General Manager of Sustainability, Reputation and Institutional Relations at Naturgy, with the winner and runner-up of the 3rd edition of the Award.

In 2019, the Naturgy Foundation launched the Award for the best social initiative in the energy field in line with its vocation to develop actions aimed at alleviating energy vulnerability. The purpose of the initiative is two-fold: to give visibility to noteworthy people, organisations or institutions linked to the social aspects of energy, and to help fund initiatives that contribute towards improving the quality of life of the most vulnerable.

Applications must be for projects already under way or completed, that are related to energy, that have a clear social purpose, and that help those with the greatest need to improve their living conditions: educational projects or projects related to issues such as energy vulnerability, entrepreneurship, social inclusion, health, the environment or the circular economy. The awards must be for the entities' own social projects.

In 2022, the Naturgy Foundation developed the 3rd Award, for which 51 applications from all the Spanish autonomous communities were submitted.

Among the applications submitted in 2021, those relating the field of energy with social innovation, youth, training and the environment stood out. The winners of this 3rd edition were:

- Winner:
Energía sin fronteras, for the project **“Contributing to the social improvement of the most vulnerable in Spain, through training and access to energy”**.

The initiative aims to facilitate, through different activities, access to energy efficient installations for social entities on the one hand, and for vulnerable families directly on the other. For social entities, we work on access to efficient and renewable energy infrastructures, technical advice through energy efficiency studies and advice and supervision of the improvements made. For the most vulnerable population, training and workshops on efficient consumption habits are conducted and they are given tools to be able to manage by themselves.

- Runner up:
Fundació Roure, for the initiative **“Comprehensive help with energy vulnerability”**.

The project is based on providing support and assistance to vulnerable people living in poverty. This assistance consists of training in energy saving, helping with the management and interpretation of documents, assisting in the relationships with energy companies (social bonds, processing of subsidies, etc.) and the rehabilitation of houses (insulation of walls and ceilings, replacement of windows, etc.). The main objective of the initiative is to educate and reduce energy consumption in substandard housing.

In November, the Naturgy Foundation launched the 4th edition of the award, which will be announced in 2023.

Fondo Solidario de Rehabilitación Energética (Energy Rehabilitation Solidarity Fund)

The Energy Rehabilitation Solidarity Fund was consolidated in 2022 as one of the Foundation's main programmes for alleviating energy poverty in Spain. Since 2018, this initiative has been addressing this issue



Improvements in home insulation have allowed the family to be in more comfortable conditions inside their home. We are truly proud to be able to collaborate with this and that the Foundation allows us to participate in this type of action”

Manuel Núñez, energy volunteer

through one of its main causes: energy inefficiency in homes. Through express renovations, the fund improves the living conditions of the homes of vulnerable families, enabling them, in many cases, to reduce their energy consumption and make their homes more comfortable.

Since the creation of the Fund, 3,625 homes have been rehabilitated in partnership with these entities and collaborating public authorities, 1,111 of them during 2022.

This programme has been carried out in collaboration with 11 social entities: Asociación Proyecto Confianza, Cáritas Española, Cáritas Madrid, Cruz Roja Española, Fundació Domus Misericordie Sant Josep, Fundació Hàbitat 3, Fundació Foment de l'Habitatge Social, Fundació Isadora Duncan, Fundació Mambré and Fundació Roure, Fundació María Raventós, at the request of the Social Services in municipalities throughout Spain.

Agreement with entities

The Naturgy Foundation considers it essential to work in a network in order to reach the people who need help the most. For this reason, it has agreements with 33 social entities to carry out its different lines of social action.



Manuel Bretón, president de Càritas Espanya, signa el conveni juntament amb María Eugenia Coronado, directora general de la Fundació Naturgy, i Jordi Garcia Tabernero, director general de Sostenibilitat, Reputació i Relacions Institucionals de Naturgy.

Type of intervention 2022

Carpentry, glazing:

13%

Blinds and awnings:

1%

Electrical/gas installation:

6%

Repair/replacement
of heating, cooling and
domestic hot water
systems:

20%

LED lighting:

14%

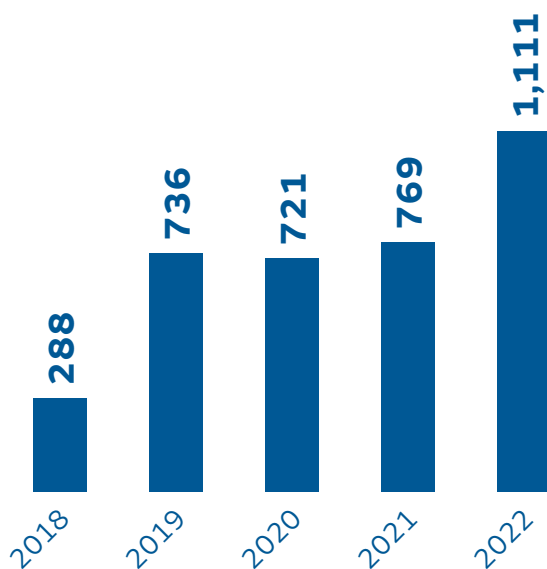
Wall and ceiling
insulation and damp
repairs:

3%

Efficient household
appliances:

43%

No. of homes rehabilitated



Social innovation projects

In 2022, the Naturgy Foundation continued to move forward with social innovation projects as a way of applying renewable energies to help alleviate energy poverty. Seven agreements were signed to install photovoltaic panels in the homes of vulnerable families, enabling them to reduce their energy bills, and in social entity centres related to energy poverty and employment, allowing them to devote more resources to their main activity. These agreements involve the installation of 285 kilowatt-peaks (kWp).

An important part of the agreements signed includes the training of people at risk of exclusion, so that they can work as photovoltaic panel installers. In this way, we help incorporate these groups into the labour market.

Energy School

The Energy School regained its presence during 2022, with sessions aimed at social services technicians and social entities as well as families. The School continued to provide training related to energy, bills, electricity prices or efficient consumption habits, making a special effort to explain the current situation of the sector, which varied greatly throughout the year.

In parallel, the Energy School reinforced its training for technicians. As a warmly received novelty in 2022, eminently practical workshops were held to resolve doubts or queries about specific cases that professionals have encountered in their daily activities. Thus, the School has a consolidated public that recurrently attends its training courses. Worthy of note in the training for technicians are the webinars for updates on regulations. Given the numerous regulatory changes, they were well attended with an average of 143 people per session. In 2022, the sessions given were: *Updates on the Bono Social* (social discount voucher) – reaching 320 attendees, *The price of energy*, *Understanding the electricity bill*, *Updates on legal measures*, *Good energy consumption habits in the home* and *Updates on the social discount voucher*, *Tur4* and *gas cap mechanism*.

In addition, the Energy School has continued to collaborate with the Vocational Training for Employability programme, promoted within the framework of Naturgy Foundation's educational and informative action. Finally, we would also like to highlight the 290-hour course given to unemployed people with the aim of training them as energy advisors and favouring their insertion in the labour market.

To summarise, in 2022, 276 training courses were given to a total of 3,942 people in Spain. Of these, 53% were technicians and social workers and 47% vulnerable families. A total of 31% of the sessions were given online, and 69% in person, which means that 51% of the attendees attended in person, trying to recover this format after the pandemic.

Since its creation in 2017, the Energy School has held 2,584 workshops, with face-to-face activity in almost 700 Spanish municipalities and attended by 30,961 people, who have learned to use their energy better and more efficiently, to understand their bill and to improve and adapt supply contracts to their needs.



Energy School trainer during one of the workshops aimed at families.

Energy volunteering

In 2022, the energy volunteering programmes continued to be carried out. We opted for a gradual return to face-to-face meetings in order to be able to respond to the growing need for energy advice, caused by the increase in energy prices as a result of the global energy crisis. The programmes carried out by volunteers include:

- Energy efficiency workshops: training sessions for groups of people in vulnerable situations. These workshops mainly explain the bill and the social discount voucher and give energy efficiency tips to reduce consumption without losing comfort in the home. The online workshops continued and face-to-face workshops resumed in several provinces. We also continued with the review of individualised bills for those users who cannot attend the workshops.
- Advice for the renewal of the social discount voucher. This is a new volunteer activity to help customers whose social discount voucher was about to expire in the renewal process. This action is part of the action plan of the European SocialWatt programme and has been carried out in collaboration with Naturgy's marketing area.
- Energy awareness workshops for young people with intellectual disabilities. An annual itinerary was designed with recreational and educational sessions for youth groups on energy efficiency, savings and sustainability.
- Coaching: programme aimed at young people at risk of social exclusion who are in their first year of basic vocational training. Volunteers help them in finding their career path and encourage them to continue training as a tool to achieve their goals. In this way, they avoid dropping out of school.



Energy volunteers giving a workshop at Fundación Prodis.

“

As a volunteer with the Naturgy Foundation, you become aware of the impact of small actions when, added together, they are directed towards a clear objective in each programme in which you can participate. You reconcile personal and professional concerns in a single experience. It strengthens ties with Naturgy by channelling personal concerns through participation in the Foundation's programmes”

Rosa Vázquez, volunteer

Number of volunteers participating

186

Beneficiaries of energy volunteering

11,007

Number of energy volunteering actions

445

Energy volunteering hours

1,738

- **Mentoring:** is an evolution of the coaching programme, aimed at students who are studying vocational training related to the energy sector, in particular electricity and electronics. The objective is for the mentor volunteers to help students gain in-depth knowledge of the professional areas related to their studies and to help them discover all the possibilities for future careers within their reach.
- **Other energy volunteering actions.** Together with the Education and Outreach area, several talks related to energy were given and young people were accompanied on their visit to Naturgy's offices.

To develop all these volunteer activities, agreements were signed with the Cruz Roja Española, Fundación Exit and Fundación Prodis, and a pilot project has been carried out with the Fundación Capacis. These entities helped in the selection of the families and young people trained, as well as the activities carried out.

Environmental volunteering

In 2022, within the framework of the environmental volunteering programme, five natural heritage conservation days were organised with the aim of promoting environmental awareness, education and responsibility among employees and their families. A total of 96 volunteers participated.

The five activities were carried out in face-to-face format and promoted the conservation of natural areas through awareness-raising actions and fieldwork carried out by Fundación Global Nature.

Plantation in the El Hito lagoon (Cuenca)

During the event, *Lygeum spartum*, a perennial herbaceous plant typical of saline wetlands, was planted to help stabilise the soil and provide shelter for numerous species of animal, helping to recover and improve the lagoon's habitat. El Hito is a very important wetland, declared a Nature Reserve in 2002, which serves as a refuge for the migration of cranes and flamingos on their way through Spain.

Bird ringing and the construction of insect hotels in El Garraf Park (Barcelona)

During this event, volunteers were able to see and learn from an expert ornithologist how birds are ringed for control and monitoring, as well as many curiosities about the most common species found in the park. Insect hotels were also built. They will be distributed throughout the park and will improve the biodiversity of this natural area.

Elimination of invasive species in the Devesa del Saler (Valencia)

In this activity, volunteers removed the invasive species "cat's claw" that prevents the growth of native plants in the area. The day ended with the collection of rubbish in the dunes on the beach near the natural park.



Environmental volunteers on a family outing in Devesa del Saler (Valencia).

The Devesa del Saler is a Mediterranean forest within the Albufera Natural Park.

Seed collection and planting of yellow poppies in the lagoons of El Porcal (Madrid)

During this activity, volunteers helped to improve the butterflies' habitat and learned more about the plants that support them, the yellow poppies, which are unique to the region.

“

For me, Naturgy Environmental Volunteering is a gift that the company gives us, so that we can enjoy and learn to take care of the natural environment in the company of our family, friends and colleagues”

María Hernández Valles, volunteer

The activity began with the cleaning of the land where the poppies are located. Subsequently, seeds of this plant were also collected and sown to favour the expansion of butterflies.

El Porcal is an area of high biological value at European level, which is home to the largest lagoon in Madrid and to more than 180 species of vertebrate, including birds, mammals, amphibians and reptiles, many of which are in danger of extinction.

Cleaning of rubbish from the El Burguillo reservoir (Ávila)

During this event, the Foundation's volunteers joined in this activity organised by various companies and organisations operating in the area, with the aim of cleaning up the rubbish that tourists and holidaymakers leave on the shores of the reservoir each summer.

Nearly 400 volunteers participated, collecting around 5,000 kg of waste of all kinds. In the five years that this activity has been carried out uninterruptedly, about 128 tonnes of rubbish have been removed from the reservoir.

El Burguillo is a reservoir in the province of Ávila, located in a natural environment of great beauty, near several of our hydroelectric generation facilities.



Group of environmental volunteers in the lagoons of El Porcal (Madrid).

Social volunteering

The Naturgy Foundation consolidated its more social volunteering activities, not directly linked to energy, to commemorate International Volunteer Day, which is celebrated on 5 December. To this end, it launched a series of volunteering initiatives as part of Naturgy's Environmental, Social and Digital Commitment Week. For the third consecutive year, two activities were organised, both of which are very well received by volunteers: *Kilómetros de energía solidaria* and *Rey Mago por un día*.

Through *Kilómetros de energía solidaria* (Kilometres for charity), 110 volunteers reported the kilometres they achieved by walking, running, cycling or swimming, and the Foundation converted them into euros. This year, as a novelty, the volunteers chose the social cause to which they donated their kilometres. The projects chosen were "Alimentación Justa", a project organised by Cáritas and Fundación Pan y Peces, and a project

for the inclusion of young people with intellectual disabilities, organised by Fundación Prodis.

Thanks to everyone's participation, the Foundation was able to donate a total of 20,000 euros.

In addition, 82 Naturgy Foundation volunteers became Wise Men for a day (*Rey Mago por un día*), thanks to Fundación Tengo Hogar and Fundación María Raventós, which sent letters from children without resources that they serve so that volunteers could help the Three Wise Men and the children could have lots of fun that day.

During the Environmental, Social and Digital Commitment Week, training sessions were also organised to complement the volunteers' activities. This allows them to grow in knowledge and transversal skills for carrying out their work. The activities included a motivational workshop that was held by the expert in social participation and volunteering, **Víctor Arias**. A public speaking workshop was also organised in collaboration with Naturgy's Public Speaking Club, which was attended by 50 employees from different countries, to reinforce their skill in public speaking.



Volunteers with Fundación Exit's youth coaching project.

In addition, Jaume Sanllorente, founder of the NGO Sonrisas de Bombay, spoke about the importance of attitude and smiling in coping with life.

Other social actions

2022 was marked by the invasion of Ukraine and the Naturgy Foundation has addressed this situation with various initiatives.

The first of these was to facilitate the economic donation to different social entities that were working directly in the care of Ukrainian refugees in Spain. On this occasion, it was Naturgy employees who made a financial donation, which the company matched. This allowed more than 65,600 euros to be donated to Cáritas Madrid, Cruz Roja and the CEAR (Spanish Commission for Refugee Aid).

These donations were of great help to the three social organisations in providing basic care, i.e. housing, food, legal paperwork for refugees, care of minors and basic training (languages and basic management).

In the same cause, seven Naturgy volunteers collaborated with the Cruz Roja helping in legal matters (carrying out legal procedures and providing legal advice for refugees); as well as in languages (being translators for people with no knowledge of Spanish).

A talk was organised with Cruz Roja's coordinator for refugees in Madrid, **Raquel Antón García**, who explained what was happening with the Ukrainian people arriving in Spain, and 65 kilos aid in the form of food and hygiene products were collected to send to Ukraine through its Embassy in Spain.

During the summer months, together with Naturgy's Resources unit, the Naturgy Foundation organised the transfer of the company's residences in the town of El Eume (Galicia). During July and August, 120 people were able to spend a few days in this place of leisure and tranquillity, promoting the integration, rest and well-being of these families.

Donation of furniture. In other matters, the Foundation once again organised the donation of furniture and office material that had been left unused as a result of the transfer of employees to new offices, in this case, in Madrid. Thanks to this work, more than a dozen social entities were able to benefit from these products. Volunteers, once again, made the logistics and distribution of the products for donation possible.

Chair of Energy and Poverty of the Universidad Pontificia Comillas

Since 2017, the Foundation has been one of the main contributors to the Chair of Energy and Poverty at Comillas Pontifical University and a member of its Advisory Board. Este año, volvió a renovar el convenio de colaboración.

The purpose of the Chair of Energy and Poverty is to make a substantial contribution to alleviating energy poverty based on its extensive research work on some of Spain's main social challenges. The Chair acts as a focal point for giving context to studies, legislative proposals, training and outreach activities that help to mitigate and, ideally, eradicate energy poverty in Spain. This work has two prongs: the first involves interdisciplinary research focused on the current situation, while the second is to act as a forum between the entities and people involved in the fight against energy poverty.

The interdisciplinary approach is drawn together in a space for reflection where representatives from four research areas (engineering, social work, business and law) collaborate with partner entities and energy companies. This forum for the exchange of knowledge offers a broader vision than that of the four disciplines individually, making use of its privileged position as a university body to play a part in combating energy poverty.

In 2022, the Foundation participated in two interdisciplinary seminars organised by the Chair. It also attended three meetings of the Advisory Board, of which it is a member, submitting contributions to various studies carried out.

European projects

The European projects in which the Naturgy Foundation participates are an opportunity to give greater visibility and strengthen its leadership in the implementation of programmes related to energy vulnerability, as well as to learn from good practices in other European countries and network with various entities.

The Foundation continues to contribute and participate directly in the SocialWatt and EPIU Getafe projects, being part of these European consortiums, with the implementation of specific action plans.

1. SocialWatt project. Connecting Obligated Parties to Adopt Innovative Schemes towards Energy Poverty Alleviation



This project aims to help energy companies to comply with the European energy efficiency directive by designing and implementing action plans against energy poverty and monitoring them.

In 2022, the Foundation's activity focused on the implementation of the plan against energy poverty. Thanks to this, pilot projects of innovative actions were carried out, such as photovoltaic installations in buildings for vulnerable people, as well as premises and headquarters of social entities; and also other more continuous actions, which have given us good results in recent years, such as low-cost energy rehabilitations.

Likewise, last year, the Foundation participated in several webinars on current issues related to fuel poverty, such as the updating of fuel poverty indicators or the new proposal for the Energy Efficiency Directive in relation to fuel poverty. There was also room for reflection, specifically on the lessons learned in the implementation of the fuel poverty plans of the various partners involved in the project. This analysis was sent to the regulator in order to transfer and share the lessons learned.

Along with the Naturgy Foundation, 13 other entities are participating in this project that forms part of the European Union's Horizon 2020 Programme. It is a three-year initiative with a total budget of 2 million euros, of which 255,000 euros are administered by the Naturgy Foundation.



2. EPIU Getafe. Energy Poverty Intelligence Unit

This project, led by Getafe City Council, involved developing a new smart system for detecting cases of energy vulnerability, with special emphasis on hidden energy poverty. This initiative is funded under the fourth UIA (Urban Innovative Actions) call of 2019.

The EPIU project is based on three key aspects. The first of these is the design of an intelligent data analysis system that identifies and predicts which groups in the population are affected by energy poverty and classifying them according to their habits, consumption, socio-economic characteristics and housing status. The second focus of the project is to establish a multidisciplinary and horizontal municipal public service to oversee solutions and evaluate the outcomes and effectiveness of local policies. This second focus is based on an awareness that energy poverty is due to multiple factors and solving it calls for coordination and collaboration between different areas of the city council and a holistic approach at the municipal level.

The third and last element of the project will be to implement customised solutions in line with the characteristics of each of the clusters or groups identified as suffering energy poverty, acting on three scales (neighbourhood, building and home) to mitigate the energy poverty that occurs in the

municipality of Getafe in winter and summer. It is a three-year project, with a total budget of 6.2 million euros, of which 80% is financed by ERDF funds while the rest is co-financed by the participants. The Naturgy Foundation is responsible for the administering of 89,000 euros.

In 2022, the Naturgy Foundation designed and delivered part of the training at the municipal office that deals with cases of energy poverty. The topics in which the members of this office were trained included: understanding the bill, the social discount voucher and efficiency tips to organisations that may deal with people in energy vulnerability. Furthermore, as part of the project, the Foundation installed a customer service point in several civic centres in Getafe with the aim of covering the entire population, to help residents understand the bill, optimise it, learn about the requirements of the social discount voucher and give them energy efficiency tips that they can apply at home to reduce energy costs.



Visit to one of the social innovation projects. Solar panels installed in a Cáritas Ávila building.

Participation as a member of the advisory board:

1. POWERTY project. Renewable energies for vulnerable groups

The project is part of the Interreg Europe programme and aims to enable vulnerable groups affected by energy poverty to use renewable energies by promoting innovative, low-cost solutions.

In 2022, we began participating with the **Agencia Andaluza de Energía**, member of the POWERTY project, in activities to replicate the SocialWatt project. Joint collaboration has also been sought.

2. Turnkey Retrofit

Seeks the development of an integrated housing rehabilitation service, based on a user-friendly digital platform that acts as a one-stop shop (Solutions4Renovation) and offers the following services to homeowners: an initial technical and social or behavioural diagnosis, contacts with suppliers or installers, contracting of works and structuring, provision of tax incentives, monitoring, on-site coordination of works and quality control and commissioning and subsequent evaluation of works and building performance.

Webinar and publication

Energy transition and employment opportunities

28 January 2022



Opening:

Rafael Villaseca, Chairman of the Naturgy Foundation, **Laura Martín Murillo**, director of the Institute for Just Transition.

Presentation of the study *Empleos que demandará el sector energético: nuevas oportunidades sostenibles*, by its director **María Teresa Costa-Campi**, full professor of Economics at this University and director of the Chair of Energy Sustainability at the University of Barcelona.

Colloquium

Experiencias que facilitan la empleabilidad en la transición energética **Natalia Peiró**, general secretary of Cáritas Española, **Nacho Sequeira**, general manager of Fundación Exit, **Hugo Lucas**, head of Communication and Institutional Relations at IDAE, **Mercè Segarra**, Vice-rector for Entrepreneurship, Innovation and Transfer at the University of Barcelona, and **Eva Buch**, head of Education and Outreach at the Naturgy Foundation.

Moderated by:

Ester Sevilla



Prepared by the Chair of Energy Sustainability of the University of Barcelona and directed by María Teresa Costa-Campi, full professor of Economics at the University of Barcelona and director of the Chair. Elisenda Jové-Llopis, PhD in Economics, and Álvaro Choi de Mendizábal, professor at this University, joined her on the team.

The study analyses the jobs that will be generated in the coming years in Spain as a result of the profound transformation of the energy sector, as well as the new professions that will emerge and what skills and professional profiles will be required of our young people. It also makes a comparison with the current situation and the adequacy of the training offer to the new needs of companies. The study includes a chapter that focuses on the most vulnerable population and how they are likely to take advantage of the ecological transition to get out of their situation. Finally, it concludes with a series of recommendations for action addressed to the main stakeholders responsible for this challenge: government agencies, educational centres, companies and workers.

Webinar and publication

Express energy rehabilitation: innovation and networked collaboration to alleviate energy vulnerability

7 June 2022



Opening:

Jacobo Llerena, Deputy Director General for Efficiency at the Ministry for the Ecological Transition and the Demographic Challenge, **María Eugenia Coronado**, CEO of the Naturgy Foundation.

Presentation of the update of the study *Re-habilitación energética exprés para hogares vulnerables. Soluciones de bajo coste*, by **Margarita de Luxán**, emeritus professor at the Universidad Politécnica de Madrid.

Colloquium

On behalf of the social entities, they presented their conclusions and experiences: **Xavi Mauri**, director of Fundació Hàbitat3, **Sergio Rodríguez**, director of Foment de l'Habitatge Social, **Sara Casas**, head of Environment at Cruz Roja Española, and **Daniel Álvarez**, director of the Fundación Isadora Duncan.

Moderated by:

Ester Sevilla



The study was once again directed by Margarita de Luxán, professor emeritus of the Universidad Politécnica de Madrid, and prepared by team members Carmen Sánchez-Guevara Sánchez, Emilia Román López, Gloria Gómez Muñoz and María del Mar Barbero Barrera, all of whom hold PhDs in Architecture from the Escuela Técnica Superior de Arquitectura de Madrid.

In 2022, the second edition of the study *Re-habilitación energética exprés para hogares vulnerables* was published. Since the first edition was published in 2017, which served as the knowledge base for the creation of the Energy Rehabilitation Solidarity Fund, there have been technological, regulatory and social changes that have led to the need to update the information.

In addition to updating the data on the characterisation of energy poverty situations, the regulations, climate and impact studies were updated and 20 new solution sheets were added, the result of technological progress in recent years.



This study, linked to the previous one, gathers the experience of 11 social entities that have worked on express refurbishment since the creation of the Naturgy Foundation Energy Refurbishment Solidarity Fund.

The objective is not only to highlight the work done, but also to analyse it. The Fund established clear objectives, simple and streamlined procedures, based on the trust and good work of each participating stakeholder, with simple but effective lines of action, leaving room for the flexibility and idiosyncrasies of each social entity.

04

Energy and environment

The Foundation continues its work to promote, disseminate and raise awareness of issues related to energy, sustainability, the environment and new energy technologies. It collaborates with renowned national and international energy, environmental and financial specialists, favouring rigorous informed debate and promoting specialised studies that allow us to address the challenges facing the energy sector.

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04

Energy and environment

The Foundation carries out important outreach work on energy and environmental issues, promoting public debate and the preparation of studies on current issues in the sector, in collaboration with national and international experts and academic institutions. From this line of action, the Foundation is recognised as a leading institution, offering a well-founded analysis of the energy sector and its future challenges.



In 2022, we continued to promote the dissemination of energy-related topics through the development of videos, studies and seminars. The main activities were the **meetings about energy** and the preparation of **publications**, supported by a video summary with their conclusions. Some of these studies were also presented in seminars.

Energy meetings

Energy Prospectives

In 2022, for the fourth consecutive year, three sessions of “**Energy Prospectives**” (EP), an initiative of the Naturgy Foundation and the **IESE Business School**, were organised, based on a series of high-level conferences with experts who discuss and debate the economic, regulatory and technological conditions that are envisioned for the future of the energy sector.

Conversations among experts

In 2022, the initiative that arose in 2021 between the Naturgy Foundation and one of the main Spanish think tanks, the **Spanish Chapter of the Club of Rome**, under the title **Conversations among experts**, continued with four sessions of reflection on current issues related to energy, the environment and sustainability.

Sendas geopolíticas de la transición energética

In 2022, a new initiative emerged between the Naturgy Foundation and the **Real Instituto Elcano** to explore the global panorama drawn by the transformation that is taking place in the field of energy and the environment.

Publications

During 2022, 22 publications in the energy field were presented (16 reports and 6 articles), mostly through seminars, a space created to discuss their content and conclusions with the authors.

In figures

Viewing of the videos, in which the authors present the main conclusions of the studies

45,150

Users who have consulted and downloaded publications on an individual basis

6,048

Webinar attendees

5,842

Publications **16** reports
and **6** articles

Online sessions – webinars

18

Contributors/authors

64

Energy Prospectives

EP#9 Politics and energy transition

17 March 2022



Opening:

Luis Suárez, director of IESE's Madrid Campus.

Rafael Villaseca, Chairman of the Naturgy Foundation.

Speakers:

Álvaro Nadal, Chief Economic and Commercial Advisor at the Spanish Economic and Commercial Office in London. Former Spanish Minister for Energy, Tourism and Digital Agenda.

Jordi Sevilla, economic consultant at Llorente & Cuenca, former president of Red Eléctrica de España and former minister for Public Administration.

Moderated by:

Prof. **Juan Luis López Cardenete**, IESE.

EP#10 Visions of the energy transition: California and Europe

16 June 2022



Opening:

Luis Suárez, director of IESE's Madrid Campus.

Rafael Villaseca, Chairman of the Naturgy Foundation.

Speakers:

Klaus-Dieter Borchardt, former deputy director-general for Energy of the European Commission. Senior Energy Advisor at Baker McKenzie in Brussels.

Hannon Rasool, Deputy Director of the California Energy Commission. Head of the Transportation and Fuels Division.

Moderated by:

Prof. **Xavier Vives**, IESE.

Sendas geopolíticas de la transición energética

EP#11 Energy transition, impact on the economy and labour market

4 November 2022



Opening:

Luis Suárez, director of IESE's Madrid Campus.

Rafael Villaseca, Chairman of the Naturgy Foundation.

Speakers:

Luis de Guindos, Vice President of the European Central Bank and former minister for Economy, Industry and Competitiveness.

Christopher Pissarides, professor at the School of Economics and Political Science, *London School of Economics*. Nobel Prize in Economic Sciences, 2010.

Moderated by:

Prof. **Jordi Canals**, IESE.

Middle East

19 May 2022



Opening:

Francisco Reynés, Chairman of Naturgy.

José Juan Ruiz, President of the Real Instituto Elcano.

Speaker:

Bassam Fattouh, director of the Oxford Institute for Energy Studies (OIES)

Discussion with:

Chloe Berger, faculty advisor/researcher at NATO Defense College.

Carlos Gascó, Director of Energy Policy, Dept. of Energy, United Arab Emirates.

Noura Mansouri, researcher at KAPSARC and affiliated researcher at MIT.

Mariana Liakopoulou, analyst at the *European Federation of Energy Traders (EFET)*.

Moderated by:

Gonzalo Escribano, director of the Energy and Climate Change Programme at the Real Instituto Elcano.

Conversations among experts

Discussions on the 1972 Stockholm Conference on the Human Environment to date

5 May 2022



Opening:

Maria Eugenia Coronado, CEO, Naturgy Foundation.

Conversation with:

Hugo Morán, Secretary of State for the Environment, and **Luis M. Jiménez**, president of the Association for the Sustainability and Progress of Societies (ASYPS).

Moderated by:

Belén Kayser, journalist and sustainability specialist.

Closing:

Jose Manuel Morán, Vice President, Spanish Chapter of the Club of Rome.

Conversations on innovation in energy: the new technological vectors that will be part of our future

5 July 2022



Opening:

Maria Eugenia Coronado, CEO, Naturgy Foundation.

Conversation with:

Yolanda Benito, General Manager of the Centre for Energy, Environmental and Technological Research (CIEMAT), and **Jorge Barredo**, General Manager of Renewables, New Business and Innovation at Naturgy.

Moderated by:

Alberto Sanz, journalist in charge of Energy and Infrastructures in Vozpópuli.

Closing:

Jose Manuel Morán, Vice President, Spanish Chapter of the Club of Rome.

Greenhouse gas emissions talks

14 October 2022



Opening:

Maria Eugenia Coronado, CEO, Naturgy Foundation.

Conversation with:

Cristina Rivero, director of Industry, Energy, Environment and Climate at CEOE (Spanish Confederation of Business Organisations), and **Luis Robles**, partner of Liken Carbon Hub.

Moderated by:

Ramón Roca, editor and director, *El Periódico de la Energía*.

Closing:

Jose Manuel Morán, Vice President, Spanish Chapter of the Club of Rome.

Discussions on the conclusions of COP27 Egypt

24 November 2022



Opening:

Maria Eugenia Coronado, CEO, Naturgy Foundation.

Conversation with:

Valvanera Ulargui, General Manager of the Spanish Office for Climate Change at the Ministry for the Ecological Transition and the Demographic Challenge, and **Lara Lázaro**, senior researcher at the Real Instituto Elcano and professor of Economic Theory at the Centro de Enseñanza Superior Cardenal Cisneros, Universidad Complutense de Madrid.

Moderated by:

Belén Kayser, journalist and sustainability specialist.

Closing:

Jose Manuel Morán, Vice President, Spanish Chapter of the Club of Rome.

Webinar and publication

El papel del consumidor y la gestión de la demanda en la Transición Energética

8 February 2022



Opening:

Maria Eugenia Coronado, CEO, Naturgy Foundation.

Presentation of the report *El papel del consumidor y de la gestión de la demanda en la Transición Energética*, by **Óscar Barrero**, partner at PwC Spain and leader of Energy in the Consulting sector. Author.

Colloquium:

Miriam Bueno, Deputy Director General for Energy Foresight, Strategy and Regulations, MITECO.

Victoria Olascoaga, Distributed Generation, Naturgy.

Francisco Espinosa, managing partner, A.C.E. (Association of Electricity Consumers)



PwC

The energy transition is a global reality that must be addressed urgently. The consumer has an important role to play in this process and the document analyses the measures to be adopted in order to make this possible.

Webinar and publication

New energy policy in Europe in times of crisis

19 April 2022



Opening:

Rafael Villaseca, Chairman of the Naturgy Foundation.

A vision for Spain

Presentation of the report *Cost-effective decarbonisation. Study 2022*, by **Christopher Jones**, part-time professor at the *Florence School of Regulation* and former EU Energy Director, and **Andris Piebalgs**, professor at the *Florence School of Regulation* and former EU Energy Commissioner.

A vision for Spain

Nemesio Fernández-Cuesta, Chairman of Eolia Renovables and former Secretary of State for Energy.

Cost-effective decarbonisation. Study 2022



EUI Florence School of Regulation

Update of data from the report published at the end of 2020 that included available information on the decarbonisation targets achieved to date, the expected future costs of renewable generation, as well as the main observations to be taken into account in the debate on the regulatory and market measures to be adopted to boost the development of new technologies, with a special focus on hydrogen.

Webinar and publication

REPowerEU and the role of carbon capture and storage in the energy transition

2 June 2022



Opening:

Rafael Villaseca, Chairman of the Naturgy Foundation.

Presentation of the study *Carbon Capture and Storage*, by **Christopher Jones**, part-time professor of the Florence School of Regulation and former EU Director of Energy.



Christopher Jones

Carbon Capture and storage will have to form an important part of the EU strategy if the objectives of the Green Deal are to be achieved. The report sets out the reasons for this and the need to define a common EU strategy leading to the development of CO₂ storage and transport infrastructures.

Webinar

Vaclav Smil: the energy sector

14 June 2022



Vaclav Smil, one of the world's leading thinkers, spoke about the current energy situation in the context of the fight against climate change.

Vaclav Smil conducts interdisciplinary research in the fields of energy, environmental and population change, food production, history of technical innovation, risk assessment and public policy. He has published more than 45 books and some 500 articles on these topics. He is distinguished professor emeritus at the University of Manitoba, a fellow of the Royal Society of Canada (Academy of Sciences), and a member of the Order of Canada.

Webinar and publication

Biogas and biomethane: development potential in Spain and its impact on carbon footprint reduction

14 July 2022



Opening:

Manuel Calvo, Naturgy Foundation.

Presentation of the study *El biogás y el biometano como palanca clave en la descarbonización de la economía española*, by **Óscar Barrero**, partner at PwC Spain and leader of Energy in the Consulting sector, and **Mercedes Ballesteros Perdices**, director of the Energy Department of CIEMAT.

Speakers:

Leonor Algarra, Deputy Director General for Livestock Production Means (Ministry of Agriculture, Fisheries and Food)

Narcís de Carreras, CEO of Nedgia

Gergely Molnar, energy analyst at the International Energy Agency (IEA)

Óscar Barrero, partner at PwC Spain. Energy leader in the Consulting sector



PwC and CIEMAT

This report analyses the potential development of biogas and biomethane in Spain and its impact on the reduction of the carbon footprint, to make us all a more conscious and responsible society.

Webinar and publication

Electricity market reform

14 October 2022



Opening:

Rafael Villaseca, Chairman of the Naturgy Foundation.

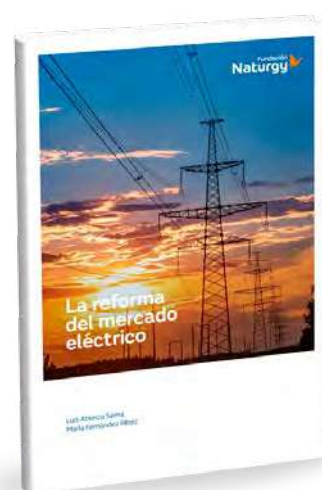
Colloquium:

María Fernández, former vice-president of the Spanish National Markets and Competition Commission (CNMC)

Luis Atienza, CEO of Argo Capital Partners and former chairman of Red Eléctrica de España

Moderated by:

Xavier Vives, professor of Economics and Financial Management, IESE



Luis Atienza and María Fernández

The world in general and Europe in particular are immersed in a highly complex geopolitical situation that particularly affects the world of energy in all areas and the electricity sector in particular. In view of this situation, various measures are being considered at both the European Union and Spanish levels, including a possible reform of the operation of the electricity markets in Europe. The authors present their considerations on the issue.

Webinar and publication

La actividad de promoción de generación renovable en España

20 October 2022



Opening:

Maria Eugenia Coronado, CEO, Naturgy Foundation

Presentation of the study *La actividad de promoción de generación renovable en España* by **Israel González**, senior manager of Energy Regulation, Deloitte Spain

Colloquium:

Miguel Solchaga, partner at Metyis

Juan Ferrero, Renewables Development Spain at Naturgy

Miguel Ángel Muro, Regulations manager at Red Eléctrica

Moderated by:

Oliverio Álvarez, partner in charge of the Energy and Resources Sector, Deloitte Spain



Deloitte

Europe must face a double energy transition, the one related to decarbonisation objectives and the one motivated by the war in Ukraine, which must provide us with more secure and accessible energy. In both transitions, renewable energies will be key. The document addresses the situation of the renewable generation promotion activity in Spain, considering the existing barriers to its success.

Webinar and publication

Wholesale natural gas markets in the current context: measures under debate in the European Union

17 October 2022



Opening:

Rafael Villaseca, Chairman of the Naturgy Foundation

Colloquium:

Christopher Jones, professor at the Florence School of Regulation. Former EU Energy Director.

Álvaro Nadal, Chief Economic and Commercial Advisor at the Spanish Economic and Commercial Office in London. Former Spanish Minister for Energy, Tourism and Digital Agenda.

Moderated by:

Xavier Vives, professor of Economics and Financial Management, IESE



Christopher Jones

In September 2022, EU Member States agreed on a Regulation on an “emergency intervention to tackle high energy prices”, which obliges Member States to take specific measures. The document assesses these measures, as well as other additional measures to be discussed, specifically related to the establishment of a cap on the wholesale price of gas.

Webinar and publication

Wind, PV and batteries recycling in Europe: an opportunity for the recovery of critical raw materials

15 November 2022



Opening:

Maria Eugenia Coronado, CEO, Naturgy Foundation

Presentation of the report *Wind, PV and batteries recycling in Europe: an opportunity for the recovery of critical raw materials*, by **Teresa Grijelmo**, Renewable Energy Project Management, EIT InnoEnergy

Colloquium:

Víctor Marcos Morell, director of Renewable Energies and Electricity Market at IDAE (Institute for Energy Diversification and Saving, Ministry for the Ecological Transition and the Demographic Challenge)

M. Fernanda Cao Romo, Innovation at Naturgy

Jacek Truszczyński, Deputy Head of the Green and Circular Economy Unit (European Commission, DG Internal Market, Industry, Entrepreneurship and SMEs)

Moderated by:

Laura Ojea, journalist specialised in energy and environment at *El Español/Invertia*



EIT InnoEnergy

The promotion of the implementation of renewable energy technologies poses an unresolved problem: how to manage the huge amount of waste that is generated when it reaches the end of its useful life and how this management can become a necessity also from the point of view of energy independence.

Webinar and publication

International gas contracts: between flexibility, security of supply and decarbonisation

28 November 2022



Introduction:

Bassam Fattouh, director of the Oxford Institute for Energy Studies (OIES)

Manuel Calvo, Naturgy Foundation

Presentation of the report *International Gas Contracts* by **Agnieszka Ason**, senior visiting research fellow, OIES

Discussion with:

David Ledesma, distinguished research fellow, OIES

Professor **Paul Griffin**, CEPMLP, University of Dundee; senior adviser and counsel, Oil & Gas, White & Case

Moderated by:

Michal Meidan, director, Gas Research Programme, OIES



Oxford Institute for Energy Studies

This report provides an overview and explanation of international gas contracts, several of which are involved throughout the value chain in their different typologies. The main focus of the report is on two specific categories of long-term agreements for the sale of gas and liquefied natural gas (LNG): pipeline gas supply agreements (GSAs) and LNG sale and purchase agreements (also GNL SPA).

Other publications

The Commission's new draft Taxonomy: Delegated Act related to natural gas generation and nuclear power

8 March 2022



Christopher Jones

The Commission's new draft Taxonomy is a classification system that defines which activities are compatible with the IPCC target of keeping global warming below a 1.5°C increase over pre-industrial levels and thus with the European Green Deal targets of full decarbonisation of its economy by 2050.

Natural gas and nuclear energy are contemplated, in certain circumstances and areas, which are explained in the document.

El bono social como mecanismo de protección al consumidor vulnerable

9 March 2022



PwC

The European Commission has recognised the need for a social protection mechanism to resolve the energy transition efficiently as an unquestionable necessity. In Spain, what is known as the *bono social de electricidad* (social discount voucher) was established, which is articulated through discounts on electricity bills for vulnerable consumers. The document analyses possible reforms.

La fiscalidad del sector de la energía eléctrica en España

27 June 27, 2022



EY

The report addresses the taxation of the electricity sector taking into account the entire value chain, and tries to organise the great diversity of tax figures that fall on it, analysing the territorial scope, its distribution in the bill and what is the tax burden on the total costs of the system.

La fiscalidad del sector de la energía eléctrica en España. Updated November 2022

1 December 2022



EY

This report is an update of the report conducted by EY and published in June 2022, *La fiscalidad del sector de la energía eléctrica en España*. The main novelties in the field of energy taxation are addressed, with special mention to the non-tax public property benefit on the energy sector (temporary energy levy).

Other publications

Situación económico-financiera de las principales empresas del sector eléctrico en España 2017-2021

6 July 2022



Deloitte

Fourth edition of the report, taking into account the special circumstances of recent years, this time extending the period to five years to facilitate the analysis, and considering the activities of electricity generation, commercialisation and distribution.

Evolution of Greenhouse Gas Emissions in Spain, 2005-2020

28 September 2022



Author: Liken Carbon Hub

Did you know that the level of emissions per capita in Spain is slightly below the European average and that emissions from the residential sector account for 8% of the total? These are some of the conclusions of the study *Evolution of Greenhouse Gas Emissions in Spain, 2005-2020*, which also incorporates the absorptions and emissions of the LULUCF (land use, land-use change and forestry) sector and a 1990-2030 vision.

Transporting hydrogen. The importance of ammonia

6 October 2022



Frontier Economics

The report addresses the different possibilities of transporting this gas, which is expected to cover between 13 and 25% of the world's energy in 2050, and how ammonia can play an important role in its transport, as well as being essential for the production of fertilisers, being able to replace other fuels.

El sector eléctrico español en números. Informe 2021

24 October 2022



Naturgy Foundation

Annual report that collects and groups in a simple way all the official data published by various public agencies and institutions that control and supervise this activity. The report compiles in an orderly fashion all the information corresponding to the year 2021, and complements it with the information for the period 2017-2021.

Other publications

El sector español del gas natural en números. Informe 2021

24 October 2022



Naturgy Foundation

An annual report that provides a simple summary of all the official data published on gas activity, with special emphasis on those of an economic nature. It is an orderly compilation of all the information corresponding to the year 2021, complemented with that of the period 2017-2021 in order to gain a better understanding of the evolution of this economic sector.

La regulación del sistema gasista español y posibles líneas de reforma

13 December 2022



Álvaro Nadal Belda

This article provides an overview of the Spanish gas system, its regulation focused on the objective of achieving the complete liberalisation of the natural gas market with the minimum cost for citizens and companies and the possible areas of reform of the system.

El precio del gas

13 December 2022



Raúl Yunta Huete

In an environment of great concern about gas prices and their volatility, this article raises several considerations about the representativeness of prices in the various markets

Impact of the current situation on gas markets

15 December 2022



EY

Report that addresses how the current situation of the gas market in Europe is impacting prices and long-term contracts, as well as describing how this market is in the European Union and in Spain and the challenges it faces, as a key part of the energy transition.

Other publications

Conferencia de las Partes de cambio climático de Naciones Unidas en Sharm el-Sheikh, Egipto: COP 27

7 December 2022



PwC

This report explains the main characteristics of the COPs, what the main objectives were for the Conference in Egypt and the agreements reached, as well as the challenges ahead for the next Conference to be held in the United Arab Emirates in 2023.



05

Education and outreach

With the aim of guaranteeing a fair and sustainable energy transition for all, the Naturgy Foundation promotes training programmes that show the innovation developed in the energy sector, promoting the change of energy model and the preservation of the environment, as well as efficient use and responsible consumption. The Foundation's educational programme has an innovative and updated educational provision, aimed at all learning levels, based on the United Nations Sustainable Development Goals.



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05

Education and outreach

The training proposal of the Naturgy Foundation is developed by professionals specialised in the teaching of STEM disciplines and has the recognition of the competent administrations and institutions in the field of education and employment. As a result, the educational resources are considered a benchmark in the field by the educational community.

This supports the commitments and actions of social relations that the group acquires and that, with the educational and training projects, allow us to serve citizens directly and in the territory, providing value, commitment and tangible results that have a direct impact on people.

In figures

Total beneficiaries:

134,309

People

Efigy Education programme:

95,327

people benefited

Vocational Training for
Employability programme:

23,606

people benefited

Outreach activities:

15,376

people benefited

Vocational Training for Employability programme

In the context of a just energy transition and the technological development necessary to carry it out, the role of technical vocational training in the field of energy is key to transferring the necessary knowledge and responding to the demands of the sector, promoting the improvement of employability. It is necessary to balance the curricular contents with the current and future needs of the companies in the sector. The so-called green jobs are already a reality and Naturgy Foundation pursues the objective of facilitating quality access to these positions for today's and tomorrow's professionals.

The Foundation works together with the Ministries of Education and Employment of nine Spanish autonomous communities in the promotion of vocational training, with actions such as updating curricular content, with the help of experts in the field and providing free courses, aimed at trainers of the collaborating autonomous communities and active and unemployed professionals in the territories affected by the closure

of coal-fired power plants. The training courses provide training and certification of up-to-date technical knowledge in the sector in the areas of sustainable mobility, rehabilitation and sustainable building, renewable gases, digitisation of electrical grids, energy consulting in vulnerable environments, the installation and maintenance of photovoltaic panels, and green and digital gas networks, among others.

The Foundation's training proposal is part of the Alianza por la Formación Profesional promoted by the Ministry of Education and Vocational Training and is aligned with the Just Transition Strategy of the Institute for Just Transition. It also has the recognition and collaboration of the Ministry of Education and Vocational Training and the State Public Employment Service (SEPE), the State Foundation for Employment Training (FUNDAE) and the National Institute of Qualifications (INCUAL).

In 2022, the vocational training programme added new technical training to its catalogue, launching courses on the installation and maintenance of photovoltaic panels, and the management of green and digital gas networks.

Also added were the conceptualisation and development of new resources aimed at vocational training, such as the launch of the second volume of



Training for the unemployed in partnership with the Institute for Just Transition (ITJ).

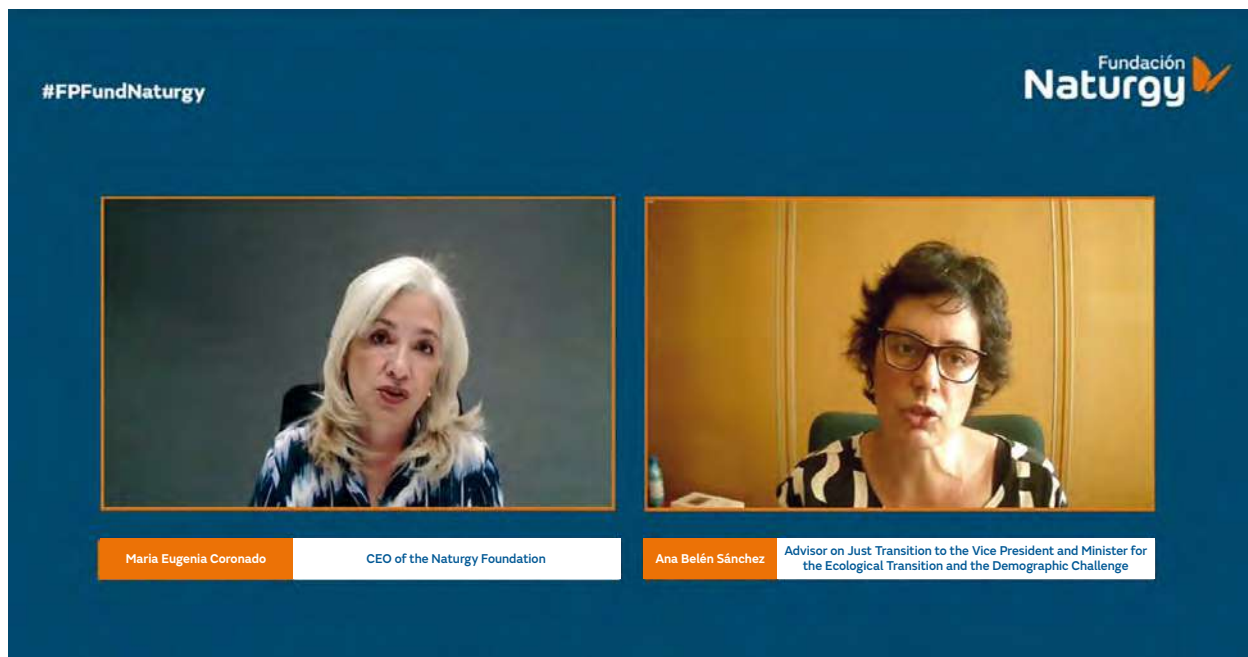
the collection of theoretical-practical books “Vocational Education and Training in Energy, Vocational Training for Employability”, entitled **Digitalisation of electricity grids. Training for a decarbonised future**, and the adaptation of the publication to a course in e-learning format, together with the Universitat Oberta de Catalunya (UOC).

During this fiscal year, two editions of the e-learning course “Renewable gases: technologies, uses and benefits” were offered in a certified mode by the Universitat Oberta de Catalunya and the Naturgy Foundation, as well as an edition in webinar format on energy consulting in vulnerable environments to trainers of Castile-La Mancha.

In collaboration with the Institute for Just Transition (ITJ) and Naturgy’s Conventional Generation Department, two courses were given to improve the employability of people affected by the closure of coal-fired power plants on the energy rehabilitation of buildings and the installation and maintenance of photovoltaic panels. This second course was complemented by internships at the Institución Profesional Salesiana educational centre

in Madrid and the Formación Profesional Revillagigedo vocational training centre in Gijón, in collaboration with the San Martín de Porres Charitable Foundation and the Manresa Foundation. The inauguration of the course internships held in Madrid was attended by the CEO of the Naturgy Foundation, María Eugenia Coronado; the director of the Institute for Just Transition, Laura Martín; the head of Raw Materials of the Federación Estatal de CCOO de Industria, Jesús Crespo; and Ambrós Arias, from Energy and Water at UGT FICA.

Other outstanding courses, given during 2022, focused on energy consulting in vulnerable environments, aimed at groups at risk of social exclusion and carried out in collaboration with the Fundación Tomillo, and on the use of thermal imaging cameras in sustainable building and rehabilitation, aimed at vocational training students at the Escola del Treball, Barcelona.



Inauguration of the professional training course for employability in “Energy rehabilitation of buildings”, together with the Institute for Just Transition (ITJ), with the participation of María Eugenia Coronado, CEO of the Naturgy Foundation; and Ana Belén Sánchez, Just Transition advisor to the Vice President and Minister for the Ecological Transition and the Demographic Challenge.



Inauguration of the internships for the course on “Installation and maintenance of photovoltaic panels”, with the participation of Laura Martín, director of the Institute for Just Transition; Jesús Crespo, head of Raw Materials of the Federación Estatal de CCOO de Industria; and Ambròs Arias, head of Energy and Water at UGT FICA; together with María Eugenia Coronado, CEO of the Naturgy Foundation.

Vocational Training for Employability programme

Beneficiaries:

23,606

Educational centres
in Spain linked to the
training programmes:

160

Hours of training
provided:

540

Agreements and
certifications with
autonomous communities:

9

Collaborations with the
Ministry of Education
and Vocational Training,
the State Public
Employment Service
(SEPE), the Institute for
Just Transition and the
Universitat Oberta de
Catalunya

Training provided in 2022

Training	Hours	Profile	Professional Families	Autonomous Communities
Sustainable building and rehabilitation	30	VET trainers	Building and Civil Engineering Works	Principality of Asturias, Castile-La Mancha, Castile and León, Catalonia, Community of Madrid, Community of Valencia, Extremadura, Galicia
Renewable gases: technologies, uses and benefits	20	VET trainers	Energy and Water. Chemistry. Agriculture. Installation and Maintenance.	Principality of Asturias, Castile-La Mancha, Community of Valencia, Andalusia
Energy consulting in vulnerable environments	25	VET trainers	Sociocultural and Community Services.	Principality of Asturias, Castile-La Mancha, Catalonia, Community of Madrid, Community of Valencia, Extremadura, Galicia
Photovoltaic panels: installation and maintenance for self-consumption	25	VET trainers	Energy and Water. Installation and Maintenance. Electricity and Electronics.	Principality of Asturias, Castile-La Mancha, Catalonia, Community of Madrid, Community of Valencia, Extremadura, Galicia
Digitisation of electrical networks	25	VET trainers	Computer Science and Communications Installation and Maintenance. Electricity and Electronics	Principality of Asturias, Castile and León, Catalonia, Community of Madrid, Community of Valencia, Extremadura, Galicia
Green and digital gas networks	25	VET trainers	Installation and Maintenance	Principality of Asturias, Castile-La Mancha, Catalonia, Community of Madrid, Community of Valencia, Extremadura, Galicia
Energy rehabilitation of buildings (ITJ)	25	Unemployed	Building and Civil Engineering Works	Andalusia, Asturias, Castile and León, Galicia.
Energy consulting in vulnerable environments	20	Students and faculty	Sociocultural and Community Services.	Castile-La Mancha

Training	Hours	Profile	Professional Families	Autonomous Communities
Digitisation of electrical networks	22	VET trainers	Computer Science and Communications Installation and Maintenance. Electricity and Electronics	Galicia
Energy consulting in vulnerable environments (Fundación Tomillo)	242	Students and faculty	Sociocultural and Community Services.	Community of Madrid
Thermal imaging camera workshop	1.5	Students and faculty	Building and Civil Engineering Works	Catalonia
Renewable gases: technologies, uses and benefits (e-learning) UOC – March	20	Teachers, students, unemployed people, technicians in the sector, etc.	Energy and Water. Chemistry. Agriculture. Installation and Maintenance.	Andalusia, Principality of Asturias, Castile-La Mancha, Catalonia, Community of Madrid, Community of Valencia, Galicia
Renewable gases: technologies, uses and benefits (e-learning) UOC – October	20	Teachers, students, unemployed people, technicians in the sector, etc.	Energy and Water. Chemistry. Agriculture. Installation and Maintenance.	Andalusia, Principality of Asturias, Castile-La Mancha, Castile and León, Catalonia, Community of Madrid, Community of Valencia, Galicia
Photovoltaic panels: installation and maintenance for self-consumption (ITJ)	39	Unemployed	Energy and Water. Installation and Maintenance. Electricity and Electronics.	Andalusia, Aragon, Principality of Asturias, Castile and León, Community of Madrid, Galicia, Balearic Islands



Collaboration agreement between the Institute for Just Transition and the Naturgy Foundation

The Secretary of State for Energy, Sara Aagesen, and the CEO of the Naturgy Foundation, María Eugenia Coronado, signed a protocol that establishes the lines of collaboration between the two institutions in the areas of training and research related to the promotion of employment and gender equality in the energy sector in Spain, especially in the areas of just transition.

The document formalises and furthers the common goal of the Institute for Just Transition (ITJ), a body under the Ministry for the Ecological Transition and the Demographic Challenge (MITECO), and the Naturgy Foundation to pay special attention to the adoption of measures that promote women's equality in access to new jobs arising from the deployment of renewable energies, environmental conservation and sustainability during the energy transition. It also contemplates the development of training activities for employment and vocational training specialised in these areas of activity and the promotion of employability among young people,

as well as the possibility of collaborating in research and analysis programmes that will allow us to understand the challenges and opportunities for access to employment in sectors linked to this change in the energy model.

The main lines of work of the agreement reinforce the ITJ's action programmes, especially the activity developed around the coal mining and coal-fired power plant employment exchanges, which bring together workers affected by the cessation of activity in these two sectors. They are also in line with the Just Transition Component 10 of the Recovery Plan, which provides for a line of employment training grants for these groups.

Thanks to this agreement, together with the Institute for Just Transition, the Foundation has initiated the preparation of a pioneering study entitled *El empleo de las mujeres en la transición energética en España*. This is a quantitative and qualitative analysis that will provide detailed information on the current employment situation of women in sectors related to the energy transition, as well as the opportunities offered by the new investments planned in these sectors to promote equal employment.

The study, which will be made public during the spring of 2023, pursues two objectives: to understand the evolution of women's employment in quantitative and qualitative terms and to determine the obstacles that women face in accessing employment in the main subsectors of the energy transition included in the Integrated Energy and Climate Plan (PNIEC) 2021-2030 – renewable energy, green hydrogen, energy efficiency, energy restoration of buildings – and to offer specific recommendations for measures to promote the employment of women in this transition process.

A group of independent professional experts in the fields of employment, gender equality and energy transition will participate in the preparation of the report by the Institute for Just Transition and the Naturgy Foundation. The group of experts will be coordinated by political scientist Cristina Monge and will be supported by a quantitative and qualitative analysis of employment in the aforementioned sectors.



Signing of the agreement with ITJ at the MITECO headquarters in Madrid. Sara Aagesen, MITECO's Secretary of State for Energy and Chair of the ITJ; María Eugenia Coronado, CEO of the Naturgy Foundation.



Signing of an agreement with the Department of Education, Culture and Sports of the Regional Government of Castile-La Mancha. María Eugenia Coronado, CEO, Naturgy Foundation; Rosa Ana Rodríguez, Minister for Education, Culture and Sports, Castile-La Mancha.

Collaboration agreement between the Ministry of Education of Castile-La Mancha and the Naturgy Foundation

The Government of Castile-La Mancha and the Naturgy Foundation have intensified their collaboration with the signing of a new agreement for the promotion of vocational training cycles related to energy. The objective of the agreement is to promote the employability of young people in the framework of the energy transition, through the Naturgy Foundation's Vocational Training for Employability programme.

The Regional Minister for Education, Culture and Sports, Rosa Ana Rodríguez, and the CEO of the Naturgy Foundation, María Eugenia Coronado, signed the agreement in a meeting that was also attended by the Board's Vocational Training general manager, M^a Teresa

Company, and Naturgy Foundation head of Education and Outreach, Eva Buch.

Under the agreement signed, the Naturgy Foundation will advise on the revision of the contents of the curricula, reinforcing professional and personal skills, collaborate in the training and updating of teachers, and provide educational material to schools that offer training courses related to the energy sector.

The Department of Education, Culture and Sports, in turn, will encourage schools to participate in the activities and will encourage teachers to receive training for trainers with updated knowledge from the Naturgy Foundation. In addition, the training provided through this collaboration may be subject to recognition, registration and certification.



Efigy Education session in a classroom.

Efigy Education

Educational programme aimed at students from 3 to 18 years of age, based on the United Nations Sustainable Development Goals (SDGs) and aligned with the Just Transition Strategy and the Environmental Education Action Plan of the Ministry for the Ecological Transition and the Demographic Challenge (MITECO). Efigy Education provides the educational community with updated content on new energy technologies, with the aim of transmitting to young people specialised knowledge about the transition towards a new energy and socially fair model, the preservation of the environment and responsible energy consumption.

Efigy Education's main challenge is to attract talent and increase STEM vocations in the energy sector, starting at an early age and ensuring gender equity.

This training proposal, recognised by the competent public administrations in education and employment, as well as by specialised institutions and different social stakeholders, has educational resources for all educational levels, which can be carried out in person, in the classroom, autonomously or in digital format.

During 2022, we have worked to continue complementing the educational work of government agencies, offering training solutions and developing numerous new, high-quality teaching resources.

Educational visits to Naturgy's generation facilities in support of its Transparency Plan

Within the framework of the Efigy Education programme, and as a novelty for 2022, educational visits to the company's power generation plants have been developed together with Naturgy's Renewables, New Business and Innovation department, with the aim of sharing with society Naturgy's corporate commitment to an ecological and socially just transition, in line with the United Nations Sustainable Development Goals. These visits are part of Naturgy's Transparency Plan, as they facilitate public access to energy generation sites.

This educational activity allows people to discover the peculiarities of the operation of a power generation plant, its close relationship with the environment and the different professional profiles required to carry out the plants' activity, as well as their skills and



School visit to a Naturgy generation plant.

competences. The visit can take place in a classroom or virtual format, depending on the type of power plant desired, and is always conducted by a specialised educator and/or a technician, who promotes a shared reflection with students and visitors on energy.

During 2022, visits were organised to the Bolarque Hydroelectric Power Plant and Museum (Castile-La Mancha), the Mora de Luna hydroelectric power plant in León (Castile and León), the Castrejón hydroelectric power plant in Toledo (Castile-La Mancha), the Piletas 1 wind farm in Gran Canaria (Canary Islands), the Monciro wind farm in Lugo (Galicia), the Malagón I-II wind farm in Ciudad Real (Castile-La Mancha), the Monte Tourado Eixe wind farm in A Coruña (Galicia), the Merengue wind farm in Plasencia (Extremadura), the El Tesorillo

wind farm in San Martín del Tesorillo (Andalusia), the Torozos wind farm in Valladolid (Castile and León), the Canredondo wind and photovoltaic farm in Guadalajara (Castile-La Mancha) and the Toledo PV wind farm in Toledo (Castile-La Mancha).

Efigy Education in the classroom

In 2022, this touring activity, which offers face-to-face workshops led by specialised educators, continued to be carried out throughout Spain. The objective is to make available to all educational centres a methodological resource that supports the work of teachers in teaching new energy technologies and the value of the transition to a more sustainable and fairer energy



Efigy Education travelling exhibit in a classroom.

Efigy Education in figures

Beneficiaries:

95,327

Efigy Education in the classroom:

13,765
beneficiaries

Workshops conducted:

+ 600
Sessions

Mentoring programme and career guidance:

3,337
beneficiaries

Efigy Education online:

75,655
application and video users

Visits to plants, participants in the Technology Contest and First Lego League:

2,570

model. These workshops are adapted to all stages of compulsory education and incorporate new didactic and pedagogical innovation methodologies that promote the development of technological careers among young people, paying special attention and support to vulnerable or more complex groups.

During 2022, this touring activity, which since its launch in 2018 already totals more than 13,000 beneficiaries, passed through the autonomous communities of Catalonia, Galicia, Madrid, Asturias, Extremadura, Andalusia and Murcia.

Efigy Education online

In 2022, universal access to educational content and resources in digital format continued to be promoted. Updating and expanding the educational provision, making Efigy Education online a constantly evolving programme that brings together all the educational resources that support teachers of primary, compulsory and upper secondary education and vocational training cycles on topics such as energy transition, circular economy, sustainability, efficient building, energy efficiency, air quality and new energy technologies, among others.

The more than 28,000 connections made during 2022 attest to the success of the programme based on accessibility for any educational centre, whatever its reality, which promotes equal access and educational equity.

Efigy Planet. Educational innovation for the energy of the future

The year 2022 marked the establishment of the Efigy Planet educational tool among the primary school community. It is an interactive, didactic and innovative proposal, based on gamification, a benchmark among teachers in the field of energy, technology, STEM disciplines and environmental sciences in the school curriculum.

Efigy Planet aims to facilitate teaching about energy to teachers, facilitating the expansion of curricular content through an innovative educational resource based on blended learning and turning learning into a gamified experience.

This innovative teaching methodology allows each student to experience his or her own real learning

process in an individualised way, in accordance with his or her skills and abilities. In addition, the teacher can create training itineraries according to the specific needs of the students and can use the tool to evaluate their progress.

Mentoring and initiatives to promote technological vocations

We continued to focus on providing professional guidance to the new challenges faced by young people, who are at a key moment in terms of making decisions that will affect their academic and professional future.

The mentoring programme and initiatives to promote technological vocations aim to be an essential tool to understand and meet the demands of young people, promoting the attraction of talent to the energy sector.

During 2022, participation in projects such as Vida Professional project, promoted by Barcelona Activa, were maintained; the 4º ESO + Empresa programme, organised by the Autonomous Community of Madrid;



Mentoring and guidance of secondary school students.

EduTecEmprende programme of the Government of Galicia; the Aliança Magnet programme, together with the Fundació Jaume Bofill and the Government of Catalonia; and the Xcelence-Schools that Inspire programme of the Bertelsmann Foundation, among others.



Promotion of female STEM careers: Efigy Girls

In 2022, the company continued to join the STEAM Alliance for Female Talent, promoted by the Spanish Ministry of Education and Vocational Training with the aim of encouraging female talent in the field of energy among young women. This alliance promotes the initiation of concrete actions that contribute to shaping an educational system free of gender stereotypes associated with certain vocations and professions, and that promotes female empowerment in STEAM disciplines from an early age.

The Efigy Girls programme is the main initiative developed by the Foundation to promote female talent in STEM, in the field of energy. In the context of the First Lego League in Spain, eight female teams, made up of girls aged 10 to 16, received support and mentoring from the Foundation with the aim of developing projects related to energy innovation. In this context, the company provided the necessary material for the teams to participate in the tournaments, while offering complementary training and advice to develop the projects in competition through Naturgy professionals.

In the 2022 edition, the teams sponsored by the Foundation belonged to IES Rego de Trabe in Culleredo



(A Coruña), IES Sant Vicente in Sant Vicenç del Raspeig (Alicante), Instituto Caterina Albert in Barcelona – nominated for the Global Innovation Awards, Instituto Manuel Vázquez Montalbán in Sant Adrià del Besòs (Barcelona), Colegio Ull de Vent in La Bisbal del Penedès (Tarragona), Colegio Las Acacias-Montecastelo in Vigo – first prize “Concello Ferrol a los valores First”, Colegio Senara in Madrid and Colegio Montespiño Rúa in A Coruña – nominated for the Global Innovation Awards.

Efigy Technology Contest

During 2022, the 4th edition of the Efigy Technology Contest was held. This initiative, targeting 3rd- and 4th-year ESO students throughout Spain, aims to promote the values of energy efficiency and to encourage technology professions from an early age.

As a main objective, students are asked to solve a challenge that contributes to the improvement of the planet through energy efficiency. This didactic initiative seeks to motivate and generate awareness and interest in energy, strengthening the research capacity of young people and awakening their curiosity and creativity, as well as strengthening their communication and teamwork skills.

During this fourth edition, more than 1,000 3rd- and 4th-year ESO students from 11 autonomous communities participated: Aragon, Castile and León, Catalonia, Andalusia, Asturias, Extremadura, Balearic Islands, Navarre, Galicia, Community of Valencia and La Rioja.

After two editions in virtual format, due to the pandemic, the 4th edition of the Efigy Technology Contest returned to face-to-face format at the headquarters of the Naturgy Foundation in Madrid. The young participants shared and defended their school projects in a gala that could also be followed live via streaming.

The jury – formed by Luis Quevedo, director of strategic projects at the Spanish Foundation for Science and



Speech by the Minister for Education and Vocational Training, Pilar Alegría, at the Acknowledgements Ceremony for the 4th edition of the Efigy Technology Contest.

Technology (FECYT), on behalf of Inma Aguilar, general manager of the FECYT; Ana Belén Sánchez, advisor on Just Transition to the Vice President and Minister for the Ecological Transition and the Demographic Challenge (MITECO), on behalf of Laura Martín, director of the Institute for Just Transition; Marina Villegas, institutional delegate of the Spanish National Research Council (CSIC); Núria Rodríguez, director of Environment and Sustainability and CSR at Naturgy, and María Eugenia Coronado, CEO of the Naturgy Foundation – valued the innovative capacity of the participants in the field of energy, the development of original projects based on empirical data and demonstrated scientific-technological knowledge, as well as their public communication.

In addition to FECYT, MITECO and CSIC, the event was attended remotely by the Minister for Education and Vocational Training, Pilar Alegría, who congratulated the participating students and teachers, and thanked them for promoting this initiative, which helps young people to develop their talent and enter STEM careers.

In September, the 5th edition of the contest was launched, already consolidated as a successful academic proposal among secondary schools throughout the country.

Efigy Technology Contest, in figures

Visualisations of the semi-finalist projects on YouTube channel:

28,138

Likes of the semi-finalist projects on YouTube channel:

10,141



Experiences in technological awareness and dissemination

With the aim of contributing to the dissemination of technological and scientific culture in the field of energy among citizens, transmitting the values of energy efficiency, sustainability and the preservation of industrial heritage, the Foundation develops its own informative initiatives with which it participates in events and festivals in the educational sector in the field of technology, as well as conferences and celebrations of topics related to its main lines of action. Our proposals are accompanied by didactic activities led by environmental educators.

In 2022, the Foundation worked to bring education and specialised knowledge to municipalities and cities throughout Spain, through proposals aimed at all audiences.

The Win-Win Lab

With the support of Naturgy's Renewables, New Business and Innovation department, the experience *The Win-Win Lab* was launched in 2022, a new informative project that presents how new energy technologies, which will lead the transition to a green economy, can favour the settling of the population in the territory, through the creation of employment and the revitalisation of rural areas.

The Win-Win Lab is a think tank that has visited different locations in rural Spain to raise awareness, experiment and generate solutions that, through innovation, promote the creation of shared value through the energy transition. This educational resource is based fundamentally on two of the basic principles of Naturgy's social relationship model: creating shared value and improving the quality of life of citizens, as well as providing training and improving employability in the energy sector.

The proposal was inaugurated on 10 and 11 June at Imperdible #05 of the Fundación Cotec, which took place in Otero de Herreros (Segovia). The event was



Inauguration of Imperdible #05 of the Fundación Cotec, with His Majesty The King of Spain, Felipe VI, and the CEO of the Naturgy Foundation, María Eugenia Coronado.



General visit to the *The Win-Win Lab* awareness-raising experience.

opened by His Majesty the King, together with the Secretary General of Science, Technology, Innovation and University of the Regional Government of Extremadura; the Councillor for the Environment, Housing and Territorial Planning; the Secretary General for the Demographic Challenge; the President of Segovia Provincial Council; the Vice President of Castile and León; the Mayor of Otero de Herreros; the Spanish Government Delegate in Castile and León; the President of the Cortes de Castilla y León; the Third Vice President and Minister for the Ecological Transition; and the President of the Regional Government of Castile and León.

During the month of July, *The Win-Win Lab* toured the municipalities of Saregos, La Robla and Cuadros, in Castile and León, receiving more than 2,200 visitors. During 2023, this initiative will continue to travel throughout rural Spain with the aim of raising awareness, experimenting and generating solutions that, through innovation, drive the creation of shared value.

What air is breathed in the cities?

Following the touring of this exhibition to different Spanish cities, this proposal was adapted to digital format, with the aim of facilitating universal access to its contents through the web.

Through this awareness-raising experience, the exhibition highlights the fact that the phenomenon of air pollution is a key factor that determines the

health of people and the environment. The proposal, curated by professor and air pollution expert Dr Xavier Querol, is an excellent educational resource for students of compulsory and upper secondary education and vocational training cycles. It also represents an opportunity to become familiar with technical curricular content and allows students to learn about the phenomenon and become active agents in contributing to solutions to the environmental challenge.

Energy Challenge. Join the energy transition challenge

Following the success of the Energy Challenge's tour through different municipalities in Spain, the Foundation has converted this experience into an informative resource in digital format, allowing universal access to specialised content.

Energy Challenge simulates space travel in a futuristic aircraft commanded by a state-of-the-art robot. The experience's users are invited to be part of a special mission that must solve the energy challenge, as an essential step for the development of society.

Crew members will observe the Earth and the Cosmos to reflect and become aware of the emergency situation of the Planet and the need to contribute to issues of paramount importance for humanity, such as energy transition, the circular economy, air quality and new energy technologies, such as renewable gas.

06

Agreements and partnerships





Institutional agreements

- Alianza para la FP Dual,, promoted by the Bertelsmann Foundation, the Princess of Girona Foundation, the Spanish Confederation of Business Organisations (CEOE) and the Spanish Chamber of Commerce
- Alianza por la Formación Profesional, Ministry of Education and Vocational Training
- STEAM Alliance for Female Talent, Ministry of Education and Vocational Training
- Asociación para la ayuda a la atención a las personas con parálisis cerebral (ATENPACE)
- Asociación Ayuda a una familia
- Asociación Española de Fundaciones
- Spanish Association of Women for Energy (AEMENER)
- Barcelona Activa - Vida Professional project
- Cáritas Española
- Céritas Madrid
- Spanish Commission for Refugee Aid (CEAR)
- Architects' Association of Catalonia (COAC)
- Club Español de la Energía (ENERCLUB)
- Ministry of Education and Youth of the Autonomous Community of Madrid
- Ministry of Education, University and Vocational Training of the Government of Galicia
- Ministry of Education of the Government of Catalonia
- Ministry of Education of the Principality of Asturias
- Ministry of Education, Culture and Sports of the Government of Valencia
- Ministry of Education of the Government of Castile and León
- Ministry of Education, Culture and Sports of the Government of Castile-La Mancha
- Ministry of Education and Sports of the Government of Andalusia
- Ministry of Education and Employment of the Government of Extremadura
- Spanish National Research Council (CSIC), of the Ministry of Science and Innovation.
- Cruz Roja Española
- Foment de l'Habitatge Social
- Forética
- Fundación Benéfica San Martín de Porres
- Bertelsmann Foundation
- Fundación DMSJ
- Fundación Empieza por Educar
- Energía Sin Fronteras
- Spanish Foundation for Science and Technology (FECYT), of the Ministry of Science and Innovation
- State Foundation for Employment Training (FUNDAE)
- Fundación Exit
- Fundació Jaume Bofill
- Fundación Manresa

- Fundación María Raventós
- Fundación Panes y Peces
- Fundación Privada Scientia
- Fundación Quirón Salud
- Fundación Tomillo
- Fundación Trilema
- Fundación REDA
- Fundación SEUR
- Fundación Global Nature
- Fundació Hàbitat3
- Hazloposible
- Hermanos Franciscanos de la Cruz Blanca
- Institute for Just Transition (ITJ).
Ministry for the Ecological Transition and the
Demographic Challenge (MITECO)
- National Institute of Qualifications of the
Ministry of Education and Vocational Training
(INCUAL - MEFP)
- Isadora Ducan
- Fundació Mambré
- Ministry of Education and Vocational Training
- Order of Malta
- Fundación Prodis
- Asociación Proyecto Confianza
- Fundació Roure
- Secretariado Gitano
- Tengo Hogar
- State Public Employment Service (SEPE), of
the Ministry of Labour and Social Economy
- University of Barcelona
- Universitat Oberta de Catalunya (UOC)
- Universidad Politécnica de Madrid
- Universidad Pontificia Comillas

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