

2023

# Annual Report on Activities



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*A transformative initiative of the Elecnor Foundation that promotes the wellbeing of the Quilombola community of Óbidos, Brazil, through sustainable access to essential resources such as drinking water and renewable energy.*

Danielle Lima, HR Manager at Elecnor do Brasil



# Letter from the Chairman



Dear friends and collaborators of the Elecnor Foundation,

It is with great pride and satisfaction that I address you in order to share the achievements and progress that, together, we have made this year in 2023. It has been a period of challenges but, above all, of great successes and significant progress towards our goals of contributing to a more sustainable and equitable world. This year has been marked by ambitious initiatives and the consolidation of projects that reflect our passion and commitment to positive change.

The '**H<sub>2</sub>OME Muratubinha**' project in Brazil has been one of our most significant initiatives, providing safe access to drinking water and renewable energy to the Quilombola community in Óbidos, directly benefiting 290 inhabitants and offering a radical change in the quality of life of this community. This project reflects the Elecnor Foundation's commitment to sustainable development and improving the quality of life in

disadvantaged communities, integrating innovative and sustainable solutions that address essential water, energy, health and education needs.

In Senegal, our '**Health Energy**' project was inaugurated at Saint Jean de Dieu Hospital in Thiès. It is a 250 kilowatt solar photovoltaic installation, which significantly reduces the hospital's electricity costs and improves its energy management. This effort has been co-funded with Manos Unidas, demonstrating our ability to join forces with local and global partners in pursuit of a common goal.

In 2023, we have been working on the new project "**Sunpower Health**" in Mozambique. The detailed technical design has been drawn up for the implementation of two photovoltaic systems at the El Carmelo Hospital in Chokwe. Our goal is to improve healthcare for thousands of people facing chronic and endemic diseases. I am pleased to note that the framework partnership agreement we signed with Manos

Unidas on 17 March 2021 has already borne its first fruit with the Senegal project and is now being strengthened with this new intervention we will be deploying in Mozambique during 2024. I am sure that both organisations can continue to work together to improve the lives of the more disadvantaged among us.

Our training and research efforts have continued to develop with vigour during 2023. Among the project highlights is "**Growing up with Emotional Prevention**" in Spain, a programme designed to address the psychological scars that the pandemic has left on young people. This project has reached 42,571 children in 407 schools, emphasising the importance of emotional education in our commitment to the well-being of future generations.

In collaboration with the Universitat Politècnica de València (UPV), we launched the "**Agri-Photovoltaic Chair**" (Cátedra Agrifotovoltaica), a pioneering initiative that combines solar photovoltaic energy production with agricultural activity, promoting the dual use of land and maximising its productivity. This project represents our commitment to innovation in sustainability and energy efficiency, ensuring a greener and more productive future.

The **IE - Elecnor Observatory on Sustainable Compliance Cultures** continues to grow in its third year. This is an academic space with the purpose of offering experts, researchers and practitioners a platform for the development of the key aspects of good compliance implementation.

The new approach by our corporate volunteering, where employees in the host country of a social infrastructure project play a central role, has taken its first steps in Brazil with the "**Ascender**" project. It represents a valuable opportunity for Elecnor do Brasil staff to actively participate in the success and sustainability of the H<sub>2</sub>OME project in the Amazon, contributing to the well-being of local communities.

Looking back, it is clear that 2023 has been a significant step towards achieving our goal of improving our projects and making a greater positive impact on society.

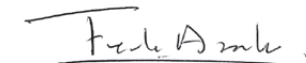
We will continue to strive tirelessly to ensure that our actions contribute to building a better world. Our roadmap is marked by the Sustainable Development Goals that make up the United Nations 2030 Agenda.

A report must necessarily reflect objective data, which is why in this report we detail all the initiatives that we have rolled out. However, there are aspects that are difficult to capture in graphs or text: the enthusiasm and dedication of our team and their unwavering commitment to improving the lives of others. I hope that readers of this Annual Report will be able, beyond the figures, to catch a glimpse of the spirit and values that inspire us.

I would like to express my sincere gratitude to all the employees of the Elecnor Group who have dedicated their time and effort to showing the more human side of engineering. I would also like to offer my thanks for the invaluable support of Elecnor's Board of Directors, the members of the Board of Trustees, Advisory Board, Management Committee and the Corporate Volunteers from our Foundation.

I encourage you to take a careful look at the projects we have undertaken this year. I trust that this report will inspire future initiatives and shared challenges.

Yours sincerely,



**Fernando Azaola**  
Chairman



## About Us

The Elecnor Foundation is a private non-profit organisation whose purpose is to promote the well-being and progress of society, albeit upholding the principles of sustainability, collaboration, human and labour rights, and environmental protection.

Our solidarity action is focused on the field of engineering, with a special emphasis on the creation of social infrastructure elements and the implementation of education and research programmes, which are our key areas of work.



# Our reason for being

2008 The Elecnor Foundation is set up as part of the Elecnor Group’s 50th anniversary.

Mission To contribute to the progress of society through the implementation of projects that favour the improvement of people’s living conditions and the conservation of the environment.

Scope of action Closely associated with Elecnor’s operations, the Foundation prioritises its intervention in those territories where the Group is active, focusing on initiatives directly aligned with the business areas in which Elecnor stands out as a key player. The Elecnor Foundation has provided access to water and energy resources in vulnerable communities in countries such as Ghana, Senegal, Angola, Democratic Republic of Congo, Cameroon, Mexico, Honduras, Dominican Republic, Nicaragua, Peru, Brazil, Chile and Uruguay.

We are generators of change and well-being The Elecnor Foundation is the fundamental vehicle for materialising the ethical values of change, innovation, sustainability and collaboration. Recently, a corporate volunteer programme has been implemented, giving all Elecnor employees the opportunity to contribute their time and effort to the execution of various projects promoted by the Foundation. In addition, the Elecnor Foundation is committed to promoting young talent, establishing multiple agreements with universities and technical training centres, thus facilitating the entry of numerous students into the professional sphere.



15 YEARS  
OF HISTORY



+€14.2 MN  
IN PROJECTS



15  
COUNTRIES



+1 MN  
PEOPLE  
BENEFITED

# Governing bodies

## Board of Trustees

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JORGE BALLESTER SURROCA  
Director



# We believe in the future

The Elecnor Foundation is the embodiment of the Elecnor Group's commitment to improving society and works to highlight the more human side of engineering through actions in two key areas:



### Social infrastructure

The development and creation of water and energy infrastructure in communities in need, maintaining a constant respect for the environment and prioritising innovation and sustainability.



### Training and research

Support for education and research to boost the professional development of young people, promoting collaboration between companies, public entities and the educational sphere.

The Elecnor Foundation continues to forge collaborations with key partners, seeking to share successful practices and employ the most advanced and efficient solutions to address challenges in the regions where it operates.

The integration of innovation and sustainability is essential to ensure the well-being of future generations.

# Our values are on the rise

Both its action strategy and the Foundation's values are linked to the Sustainable Development Goals (SDGs) proposed by the United Nations in the 2030 Agenda.

### Change

All our programmes have a common goal: to raise the quality of life and expand future opportunities for people.

### Innovation

Elecnor's R&D&I capacity facilitates the implementation of innovative solutions that fully meet the requirements of the communities where they are implemented.

### Sustainability

All our projects have been conceived with future generations in mind. As a result, they are environmentally, technically, economically and managerially sustainable.

### Cooperation

The Foundation encourages the participation of Elecnor's employees, customers, suppliers and shareholders, as well as all public and private institutions that share the desire to make progress towards building a better world.



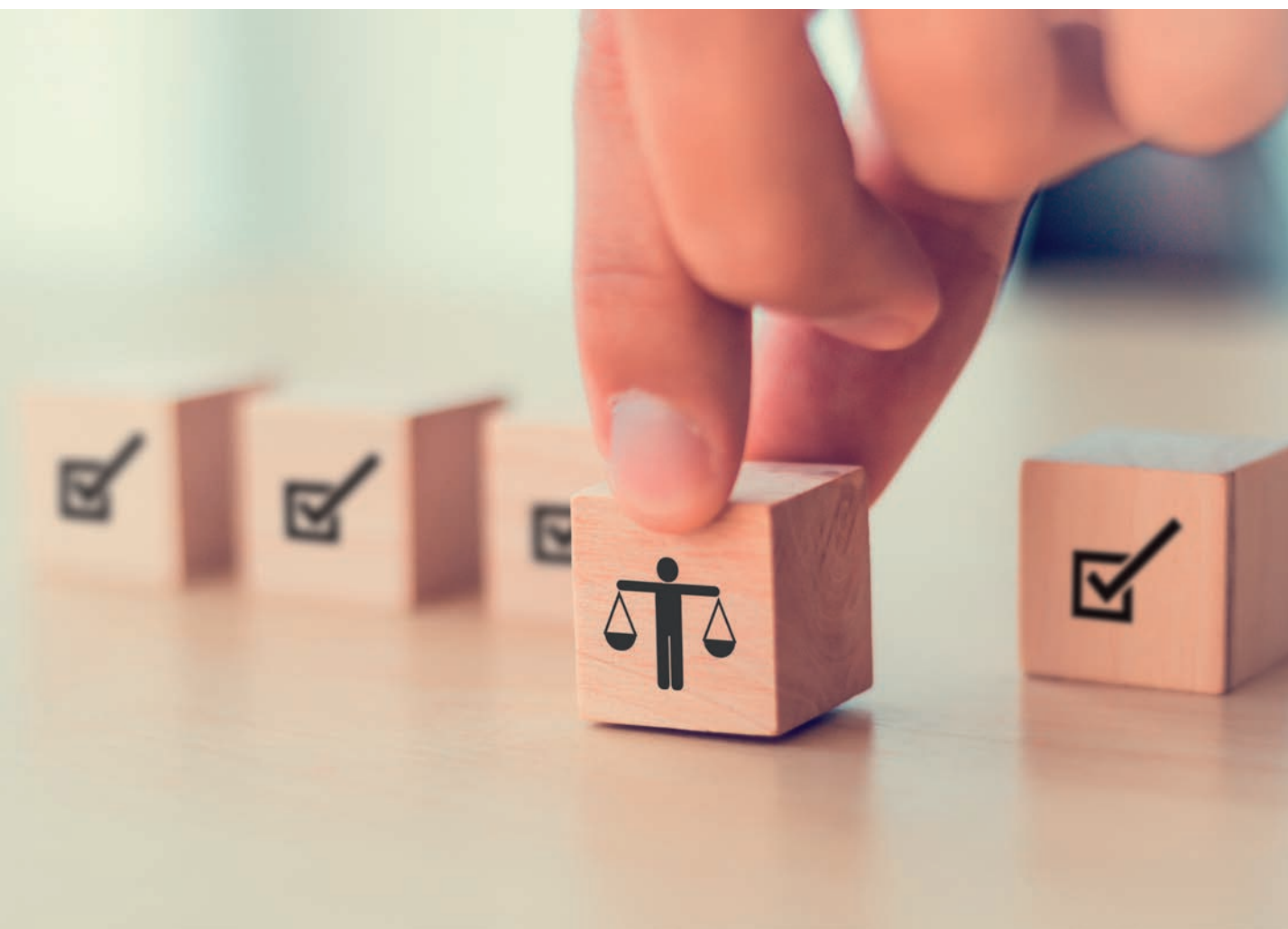
# Our Code of Ethics comes first

The Elecnor Foundation forms part of the Elecnor Group's Compliance System and adheres to the principles of the Code of Ethics and Compliance Policy, ensuring that each project is carried out in accordance with the highest ethical standards.

The Elecnor Foundation maintains a zero tolerance policy towards poor practices in terms of ethics and integrity,

always acting in accordance with the laws in force in the countries where it carries out its work.

Its initiatives are based on the respect and promotion of human and labour rights, the protection of the environment and the prevention of occupational hazards.



# Working to make the SDGs a reality

The business philosophy of Elecnor and its Foundation is fully aligned with the Sustainable Development Goals (SDGs), established by the UN in 2015.

The Elecnor Group, as a Partner of the United Nations Global Compact, promotes the SDGs most closely related to its sphere of operations.

The 2030 Agenda for Sustainable Development and its Action Plan guide the Foundation's future activities at global and local level.

The Foundation continues to forge partnerships with key national and international players: governments, the private sector, NGOs, academic institutions and international cooperation agencies, in search of synergies, knowledge and experience to achieve the SDGs.

In 2023, all Elecnor Foundation projects are aligned with at least one of the following SDGs:





# Project map 2023

*The Elecnor Foundation continues to explore other countries for future projects such as Peru, Colombia, Ecuador, Argentina, and Guinea Conakry, among others.*







## Social infrastructure

Once again, we have highlighted the human side of engineering, fulfilling our mission with excellence by implementing critical water, electricity and energy projects in the most disadvantaged communities.

Our vision remains clear: to transform lives by creating an environment where education and health systems are not only efficient, but are also drivers of prosperity and economic growth.

It is crucial to bring water and energy for the first time to remote places that are difficult to access, as this contributes significantly to improving the quality of life and development of these societies.



Project

# H<sub>2</sub>OME. Brazil

The difference between doing what is possible and making it possible

Status	Location	People benefited	Local partner	Sector
Inaugurated	Óbidos Municipality, Pará State, BRAZIL	+290 Quilombola Community of Muratubinha	Partnership with the Prefecture of Óbidos	Health, education, renewable energy, access to water

## What is H<sub>2</sub>OME?

H<sub>2</sub>OME is an innovative project conceived as a “multifunctional sustainable module” for the supply of drinking water complemented by a multifunctional space. Its structure is based on recycled maritime containers, which can be installed in various ways and for various purposes, depending on the needs of each community.

In Brazil, it houses a self-sufficient drinking water treatment plant (ETAP), a space for medical care for the community and a digital classroom connected to the internet to improve the education of the 95 children of the Quilombola Community. The H<sub>2</sub>OME is powered by a solar photovoltaic system with an installed capacity of 32 kW using a total of 72 solar panels.

### General Aim

To improve the quality of life of the Muratubinha community by providing access to essential basic services.

### Specific Aim

To provide access to renewable energy, drinking water, health services through a medical post and a social space for educational and audio-visual activities.



*This project not only improves living conditions, but also strengthens the commitment of our employees to the sustainable future of this community.*

Danielle Lima, HR Manager at Elecnor do Brasil



SUPPLY OF ELECTRICITY, WATER, HEALTH AND EDUCATION SERVICES

Consisting of 290 inhabitants, the Quilombola community is located in the municipality of Óbidos, in the state of Pará, Brazil. The local school, where 95 children study, faces the challenge of fetching water manually from a tributary of the Amazon, as well as serious energy shortages.

The H<sub>2</sub>OME Muratubinha project is presented as an innovative initiative aimed at substantially improving the quality of life in this community. It is focused on ensuring access to renewable energy and drinking water, establishing a health care centre for families, and creating a social area to foster diversified educational and audio-visual activities.

Key objectives

ENERGY

The implementation of renewable energy in a community not only contributes to the mitigation of climate change, but also improves the quality of life of its inhabitants, boosts local economic development and promotes the conservation of the invaluable Amazonian ecosystem.



WHAT DO WE ACHIEVE?

**Environmental sustainability.** Renewable energy, such as solar, wind or hydropower, reduces dependence on non-renewable energy sources, such as oil or coal, which contribute to deforestation and air and water pollution in the Amazon region. By opting for clean energy sources, biodiversity is protected and the ecological balance of the rainforest is preserved.



**Improved quality of life.** The introduction of renewable energy allows access to a reliable source of electricity, facilitating the implementation of basic services such as lighting, refrigeration, communication and medical care. This has a positive impact on the health, education and general well-being of the community, providing opportunities for sustainable development.

**Economic and social impetus.** The adoption of renewable energy in the Amazon community can generate local employment through the installation, maintenance and management of clean energy infrastructure. Furthermore, by reducing dependence on imported fossil fuels, economic autonomy is fostered and resilience is bolstered in the face of possible fluctuations in oil prices.



WATER

Bringing clean water to a community in the Amazon not only has a direct impact on the health and well-being of its inhabitants, but also contributes to the conservation of the natural environment, promoting a sustainable balance between human needs and the preservation of the Amazon ecosystem.

WHAT DO WE ACHIEVE?

**Health and well-being.** Access to safe drinking water is essential for preventing waterborne diseases such as diarrhoea, cholera and typhoid fever, which pose serious health risks in communities where water supplies are scarce or contaminated. The availability of safe drinking water helps to reduce the incidence of disease and improves the quality of life of the population, especially children and the elderly.

**Hygiene and sanitation.** Safe drinking water is not only crucial for drinking, but also for personal hygiene, food preparation and environmental cleanliness. The availability of clean water facilitates good hygiene

practices, which in turn reduces the risk of infections and diseases related to lack of basic sanitation.

**Impact on daily life.** Access to reliable and safe drinking water transforms the daily life of the community, enabling food cultivation, livestock rearing, safer food preparation and the promotion of a healthier environment in homes and community spaces.

**Conservation of the environment.** By providing drinking water through sustainable sources, pressure on local ecosystems is reduced, as excessive water withdrawal from rivers and streams is avoided, thus preserving the biodiversity and natural resources of the Amazon.

HEALTH

The arrival of a medical post for the first time in a remote, hard-to-reach location is a crucial step to improving the health of children and their families by providing basic medical care, prenatal and child care, emergency response, health education and emotional support, contributing to the overall well-being of the community.





WHAT DO WE ACHIEVE?

- Access to basic health care.** The presence of a medical post provides the community with access to basic health care services, enabling diagnosis and treatment of common illnesses, prevention of infectious diseases and primary health care.

**Prenatal care and child care.** The medical post can provide prenatal care for pregnant women, monitoring of children’s growth and development, as well as immunisation and child health care, which contributes to reducing maternal and infant mortality.

**Response to medical emergencies.** In the event of medical emergencies, the presence of a medical post allows for a faster and more effective response, which can save lives in critical situations.
- Health education.** Medical personnel can provide health education to the community, promoting healthy practices, disease prevention and proper health care, which contributes to improving the quality of life of the inhabitants.

**Emotional and mental well-being.** The presence of health professionals can contribute to the emotional and mental well-being of the community by offering psychological and emotional support, especially in contexts where isolation and living conditions can have a negative impact on people’s mental health.



EDUCATION

- Create an area dedicated to educational and cultural activities, thus enriching the community.
- The H<sub>2</sub>OME project improves the education of the Quilombola Community in the Amazon by including the construction of a digital classroom connected to the internet.
- WHAT DO WE ACHIEVE?**
- Access to educational resources.** This allows students to access a wide range of online educational resources, including teaching materials, digital books, educational videos and interactive tools that enhance their learning.

**Connection to the outside world.** It facilitates students’ connection to the outside world, enabling them to learn about different cultures, perspectives and global knowledge, which broadens their horizons and enriches their education.

**Improving the quality of education.** This provides teachers with the ability to use innovative and up-to-date digital resources, which improves the quality of teaching and learning in the classroom.





# Progress in 2023

The project was inaugurated in June. Representatives of the Óbidos Prefecture, including the Education and Health departments, participated in the ceremony and expressed their commitment to work closely with the community to ensure effective use of the spaces, with the support of trained professionals.



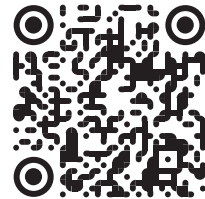
## VOLUNTEERING INITIATIVE IN BRAZIL

- Coinciding with the inauguration, Elecnor's new "Ascender" Volunteering programme was presented in Brazil, with initiatives such as:
- Establishing a cooperative relationship with the Quilombola community.
  - Technical supervision of the preventive maintenance of the H<sub>2</sub>OME system.
  - Providing school supplies and supporting children's education, including scholarships for higher education.
  - Improving the functioning of the healthcare post through donations of equipment.
  - Organising annual face-to-face trainings for children in the community.



This project reflects the Elecnor Foundation's commitment to sustainable development and improving the quality of life in disadvantaged communities, integrating innovative and sustainable solutions that address essential water, energy, health and education needs.

Danielle Lima  
talks to us about her  
experience on this project





Project

# Sunpower Health. Mozambique

Access to photovoltaic energy  
at El Carmelo Hospital



Status

Ongoing



Location

El Carmelo Hospital  
Chókwè Gaza,  
MOZAMBIQUE



People  
benefited

+13,600  
Rural population



Local partner

Daughters of Charity  
of St. Vincent de Paul  
(Manos Unidas)



Sector

Health: infectious  
diseases, HIV and  
chronic diseases

Initially conceived as a treatment centre for tuberculosis, evolving needs have made El Carmelo Hospital a national point of reference. Facing daily challenges such as malnutrition, malaria, HIV/AIDS, and tuberculosis, as well as chronic diseases such as diabetes, the hospital's professionals work tirelessly. They currently treat 8,900 people with various conditions, 3,000 people with chronic diseases and 1,700 TB patients.

Mozambique has been struggling for years with chronic and other endemic diseases. Maria Elisa, director of the El Carmelo hospital, who has been in Africa since she was 32 years old, knows this all too well.

## General Aim

To improve the quality of health care in the provinces of Chókwè Gaza and Inhambane.

## Specific Aim

Ensure the economic sustainability of the El Carmelo Hospital in Chókwè through the implementation of photovoltaic energy.



*The Elecnor Foundation's Sunpower Health project at the El Carmelo Hospital in Chokwe is a unique initiative that combines health and sustainability.*



# Progress in 2023

The expected benefits of photovoltaic installation on hospital and laboratory structures include:

- **Reduction of energy consumption.** It will facilitate less dependence on the fluctuating electricity grid.
- **Economic savings.** It will reduce the costs associated with electricity consumption, allowing the redistribution of funds to other critical areas of need.
- **Reduction of carbon emissions and** emissions and improved energy efficiency.
- **Economic savings.** A 68% saving on the total electricity bill is expected.



Over 20 years of operation by the Centre since the Daughters of Charity of St. Vincent de Paul took it over in 1995 serves as the strongest testimony to its economic viability. It has a technical maintenance team that will be trained in the management of the new photovoltaic installations. Manos Unidas has collaborated with the congregation on the improvement of the hospital and the laboratory through three previous projects, which have been successfully implemented and are now completed.



Sunpower Health is the second project co-financed with Manos Unidas as a result of the framework collaboration agreement we signed on 17 March 2021 with the aim of developing water and energy infrastructure projects.



Project

# Health Energy. Senegal

Access to photovoltaic energy  
at Saint Jean de Dieu Hospital

 Status	 Location	 People benefited	 Local partner	 Sector
Inaugurated	Saint Jean de Dieu Hospital in Thiès, SENEGAL	+500,000 Rural population	Daughters of Charity of St. Vincent de Paul (Manos Unidas)	Health: infectious diseases, HIV and chronic diseases

Saint Jean de Dieu Hospital is located in the city of Thiès, 70 km from the capital, Dakar, one of the largest cities on the African Atlantic coast. The crossroads position of the town of Thiès and its road network make it a priority arrival point for health emergencies coming from neighbouring towns.

This hospital has:

- 125 beds spread over 5 services
- 2 operating theatres
- 1 sterilisation centre
- 1 consultation service
- 1 radiology and ultrasound service
- 1 biomedical laboratory
- 1 physiotherapy service

## General Aim

Improving the quality of health care in the province of Thiès and its surroundings

## Specific Aim

Ensure the economic sustainability of the hospital by installing photovoltaic energy, reducing its dependence on the unstable electricity grid and the associated costs of energy consumption.



*This project not only improves the hospital's energy efficiency, but also ensures continuous medical care in a vulnerable region, demonstrating the transformative power of renewable energy.*

Souleyman Diallo, Health Energy Project Manager





In January 2023, the inauguration of the Health Energy project was celebrated at the Saint Jean de Dieu Hospital in Thiès, in the distinguished presence of the Minister of Health and Social Action, Marie Khémessie Ngom Ndiaye, together with her colleague, the Minister for Petroleum and Energy, Aïssatou Sophie Gladima, and the Bishop of Thiès, André Guèye.



Also in attendance were Esther Martín Padrón, second in command at the Spanish embassy in Senegal, and Alejandro Ruíz Iglesias, Spain's economic and commercial advisor in Dakar. Representing the Elecnor Foundation, Fernando Azaola and Carmen González de Aguilar took part at various points during the event.

This project is the result of a successful collaboration between the diocese, through the Catholic NGO Fundación Manos Unidas, and the private sector, represented by the Elecnor Foundation.

## Progress in 2023

A solar photovoltaic system with an output of 250 kilowatts has been installed at the hospital, which is expected to significantly reduce the hospital's monthly electricity bill. The solar panels, attached to the roof of the hospital, are designed to cover 40-50% of the monthly electricity consumption. Equipped with an advanced remote management system that allows real-time monitoring of electricity consumption and distribution by services, it facilitates the reallocation of savings to other necessary investments.

During the construction phase, the hospital's maintenance team was trained in the operation and maintenance of the photovoltaic system, thus ensuring optimal performance and maximum energy efficiency. The remote management system implemented guarantees continuous control over the correct operation of the installations.

The constant presence of Manos Unidas in Dakar, maintaining direct contact with the hospital, ensures a continuous update on the status of the project and strengthens the relationship with the beneficiaries, thus guaranteeing the success and sustainability of the impact generated.



Souleyman Diallo's testimonial regarding this project







## Training and Research

The Elecnor Foundation stands out for its commitment to promoting innovation and sustainable development through education.

In collaboration with prestigious institutions such as IE University, Deusto Business School, and the Universitat Politècnica de València (UPV), the Foundation promotes programmes that integrate technology, sustainability and business leadership.

Projects such as the IE-Elecnor Observatory on Sustainable Compliance, a chair in agri-photovoltaics, and research grants advance knowledge and prepare the next generation of leaders and professionals.



Project

# IE-Elecnor Observatory on Sustainable Compliance Cultures



Status  
Ongoing



Scope  
International



## Research

### COMPLIANCE AND SUSTAINABILITY REPORT IN LATIN AMERICA

- Published on 24 April 2023.
- Carried out by a multidisciplinary team from IE University.
- It highlights a high level of compliance and sustainability compliance in leading companies in Brazil, Chile and Mexico.
- Featured publication on the general front page of “El Economista Centroamérica”.
- LinkedIn post about the second report among the top 3 LinkedIn FIE publications by “click-through rate”.
- Link to the news item with 180 *pageviews*.

## Events

### COMPLIANCE AND SUSTAINABILITY: LESSONS FROM LATIN AMERICA

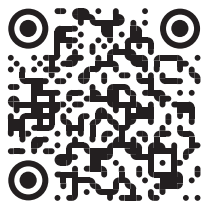
- Presentation of the second report at Casa de América on 26 April 2023.
- Presentation of conclusions by Patricia Gabaldón and Joaquín Garralda, with a conversation between Enrique Aznar and María Ortiz, member of the CNMC.
- Attendance by IE Foundation Fellows, students from IE University.
- Publication of the event on the YouTube channels of IE University's (127 views) and Casa América (212 views).



*We seek to raise awareness within the business community, transforming compliance from an obligation into a practice that fosters the integral and ethical development of personnel.*

Enrique Aznar, Academic Director of the Observatory

Conversations with  
Enrique Aznar  
about this project







## Podcast COMPLIANCE MATTERS

Latest episodes:

- Episode #6: 22 September 2022.  
Beatriz Saura, Co-President of the ICAM Compliance Section.
- Episode #7: 20 February 2023.  
Joaquín Garralda, Professor at IE University.
- Episode #8: 12 April 2023.  
Beatriz Saura, Co-President of the ICAM Compliance Section.

### CUMPLIMIENTO Y SOSTENIBILIDAD: LECCIONES DESDE AMÉRICA LATINA

Avances, retos y perspectivas para empresas españolas

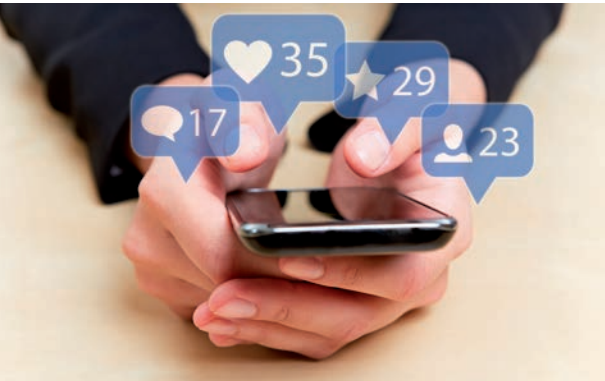
26 de abril 2023  
CAS AMÉRICA

Con la colaboración de:  
EVERSHEDS  
SUTHERLAND

## Dissemination and Media

### COMPLIANCE INFO PILLS

- 11 articles for the Observatory's website.
- 12 compliance info pills published.
- 15 posts on Social Media.
- 3 branded content (ABC, El País, El Economista).





Programme

# Corporate Leadership in Entrepreneurship and Innovation. Deusto Business School Spain



Status

Completed



Scope

National, SPAIN



For the 2022-2023 academic year, the programme has evolved by integrating the Public and Corporate Entrepreneurship Leadership Programmes. This merger has allowed professionals from the public and private sectors to share their experiences in a unified environment, promoting a closer and more enriching exchange.





# Programme Sessions

1. Inauguration.

2. Open Innovation: Guillermo Dorronsoro, Professor at the University of Deusto, and Manuel Martínez, Head of Open Innovation at Ferrovial.

3. Tools I - Innovation and Corporate Entrepreneurship: Francisco González Bree, Professor at the University of Deusto, and Sergio García García, Corporate Venture Director of Enagás.

4. Entrepreneurial Ecosystem: Emilio Martínez Gavira, Director of the PLEI programme, and Sofía Benjumea, Director of Google Campus.

5. Entrepreneurial Culture: Xavier Marcet, expert in Strategy, Innovation and Corporate Entrepreneurship, and Roberto Porras, Director of Business Development at Netflix.
6. Tools II – Corporate Venture Capital: Miguel Arias, General Partner of K Fund, and Javier Megías, Startups Director of the Bankinter Innovation Foundation.

7. Tools III - Programmes for Entrepreneurs: Tontxu Campos, Executive MBA Director of the University of Deusto, and Carlos Barrabés, Founder of Barrabés.

8. Measuring Entrepreneurial Activity: Iñaki Peña, Professor at the University of Deusto, and Andrés Saborido, Global Managing Director at Wayra - Telefónica Open Future.

9. Social Impact Investments: María Ángeles León, Co-founder and CEO of the Open Value Foundation, and Luis Casado, Director of Repsol Social Impact.

10. Closing and Presentation of Projects.



## CONFERENCE ON INNOVATION IN THE SPACE AND TECHNOLOGY SECTOR FROM AN INDUSTRIAL COMPANY

Ismael López, CEO of Deimos Group, gave a talk at this event. These issues were discussed:

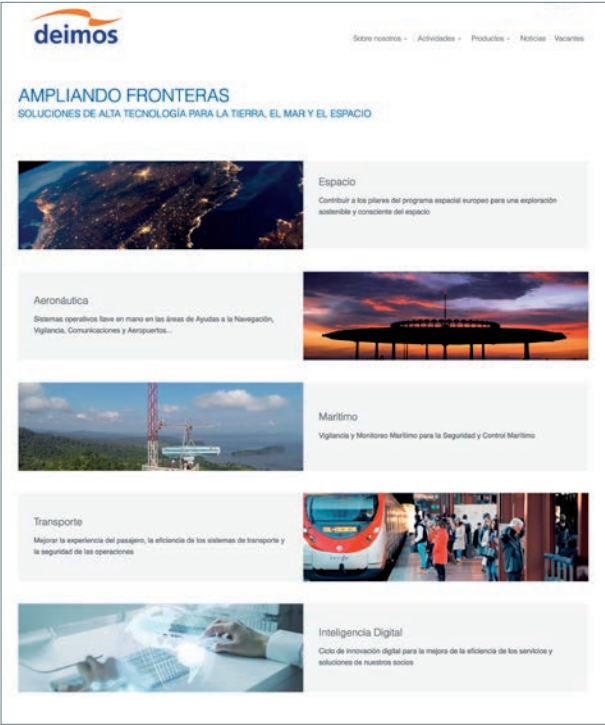
- What is Elecnor Deimos
- Innovation process at Elecnor Deimos
- Some examples of innovation actions
- Supporting the Elecnor Group in its Innovation process

## CLOSURE OF THE ENTREPRENEURSHIP AND INNOVATION LEADERSHIP PROGRAMME (PLEI) 2022-2023

Former Deputy Prime Minister of Spain Soraya Sáenz de Santamaría was the protagonist at the closing ceremony of the Entrepreneurship and Innovation Leadership Programme (PLEI). In front of an audience of students from the programme, Sáenz de Santamaría offered valuable advice to the graduates. Her speech, in the form of a dialogue with Emilio Martínez-Gavira, academic director of the PLEI, was preceded by the reflections of Álvaro de la Rica, dean of Deusto Business School, who addressed the subject of leadership from a humanistic perspective. The ceremony continued with the presentation of the students' final projects. The jury, with Soraya Sáenz de Santamaría as distinguished guest of honour, included Álvaro de la Rica; Jorge Ballester, director of the Elecnor Foundation; Esteban Mayoral, deputy director of the Centre for Innovation and Knowledge Observation; Loreto Zalduendo, director of entrepreneurship programmes; and Paco Bree, professor of innovation at Deusto Business School.

## THE CEO OF THE ELECNOR GROUP, SPONSOR OF THE 2022-2023 GRADUATING CLASS OF THE EXECUTIVE EDUCATION PROGRAMMES OF DEUSTO BUSINESS SCHOOL

More than 100 students gathered at the Paraninfo of the University of Deusto to celebrate the graduation



ceremony of the 2022-2023 Executive Education programmes of Deusto Business School. Among them, two members of the Elecnor Group, Carlota Urrutxua Azua, from Enerfín, and Miguel Justo Fernández, from Audeca, successfully completed the Entrepreneurship and Innovation Leadership Programme (PLEI), sponsored by the Elecnor Foundation.

The ceremony was attended by prominent figures such as Almudena Eizaguirre, CEO of Executive Education; Álvaro de la Rica, dean of Deusto Business School; Antón Azlor, president of Deusto Business Alumni, and several of the recent graduates. On this occasion, Rafael Martín de Bustamante, CEO of the Elecnor Group, had the honour of being the sponsor of the promotion.

Martín de Bustamante shared words of encouragement with the new graduates, urging them to face today's societal challenges - such as sustainability, economic inequality and the technological revolution - armed with key tools such as education and purposeful entrepreneurship.



Project

# Growing up with Prevention



Status  
Ongoing



Scope  
National, SPAIN



## What is Growing up with Emotional Prevention?

Growing up with Emotional Prevention proposes an educational project to students in 3<sup>rd</sup>, 4<sup>th</sup> and 5<sup>th</sup> grades of primary education and to teachers, which addresses one of the most pressing concerns of our society: “Emotional disorders”.

By means of a digital application and fun support materials, different didactic units are developed that can be applied in all educational centres, always taking into account universal design to facilitate **the learning of children with disabilities and the peculiarities of rural grouped centres (CRA)**.

This programme consists of several didactic units designed to teach in an understandable way what emotions are, why communication is crucial, and offers tools for children to cope with stressful or traumatic situations with the necessary support.

Its focus is on promoting the **emotional health** of children, thereby decreasing the risk of problems such as depression, anxiety and behavioural disorders in the school environment.

## Creciendo en PREVENCIÓN

A multidisciplinary team of professionals composed of **psychologists, pedagogues and teachers** supports educators in the implementation of this programme highlighting prevention and self-care.

Growing up in emotional prevention fosters a safe, supportive and understanding environment at home and at school. It also promotes the development of healthy coping skills, emotional resilience and access to support resources, all of which are necessary to help protect our children from emotional risks.

**42,571 children** have had the possibility to analyse their own learning and to know and recognise the Rules of Prevention: **Stop, Think and Propose** (observe, know and manage yourself) through everyday situations.

So that they are able to identify them and extrapolate them to the current situation, learning through games the importance of prevention and protection in all their environments: the three C's (in Spanish, translated into English as “home”, “street” and “school”).

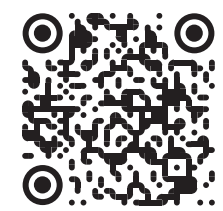
This project is perfectly aligned with the pedagogical objectives of promoting emotional education established in the Spanish national education law from 2021 (**LOMLOE**) and has been approved by the different Ministries of Education through their respective technical departments.







### INSTITUTIONAL SUPPORT

The Regional Minister of Education, Science and Universities, **Emilio Viciano Duro**, extended an invitation to the Elecnor Foundation to participate in the event to present Innovation Projects aimed at educational centres in the Community of Madrid during the 2023-2024 academic year. This gesture by the Madrid Regional Government highlights the Foundation's commitment to continuous improvement and the exploration of innovative solutions in the education sector.

Reflections by  
**M. Antonia Fernández**  
regarding the project



#### STUDENTS BY AUTONOMOUS COMMUNITY

	2020/2021	2021/2021	2023
 JUNTA DE EXTREMADURA	4,200	4,500	1,567
 Gobierno de Navarra		3,899	897
 Comunidad de Madrid	6,750		3,200
 Castilla La Mancha	5,445	5,913	6,200
	<b>16,395</b>	<b>14,312</b>	<b>11,864</b>

**25** GROUPED RURAL SCHOOLS

**41** SPECIAL EDUCATION SCHOOLS

**407** SCHOOLS

**42,571** CHILDREN



Education

# Specialist Course on Medium and Low Voltage Electrical Installations



Status  
Completed



Scope  
National, SPAIN



## Module

This year saw the eleventh edition of the “Specialist Course in Medium and Low Voltage Electrical Installations” aimed at Vocational Training students at Salesianos Deusto.

It is important to mention that the facilities used to provide this training to Salesianos students are also used to train and update Elecnor employees. A total of 14 students have successfully completed the 11th edition of this course.

NUMBER	MODULE	HOURS	CONFERENCES
1	PERFORMANCE OF OCCUPATIONAL RISK PREVENTION FUNCTIONS - CORE	60	3 DAY CONFERENCES + 20 HRS ONLINE
2	SPECIFIC TRAINING CONTENT FOR ELECTRICITY (TPC SECOND CYCLE)	6	1 DAY CONFERENCE
3	WORKING AT HEIGHTS	8	1 DAY CONFERENCE
4	WORKING IN CONFINED SPACES AND EXPLOSIVE ATMOSPHERES	8	1 DAY CONFERENCE
5	LOW VOLTAGE LIVE WORKING (L.V.L.W.)	21	3 DAY CONFERENCES
6	WORK ZONE AGENT / OPERATOR ON LOCAL LINES AND HV/LV CTs (AZT/OL)	28	4 DAY CONFERENCES
TOTAL		131	13 DAY CONFERENCES





## Programme

# Elecnor Foundation TFM Grants. Universitat Politècnica de València (UPV)



Status

Completed



Scope

National, SPAIN



The programme is aimed at students in the final year of their Master's degrees in Industrial Engineering and Energy Engineering for Sustainable Development. In each edition, scholarships are awarded to students for the completion of their Master's theses focused on electrical and energy engineering.

## Scholarships 2022-2023

- Design and implementation of a 1.5 kW single-phase solar inverter.
- 50 kW photovoltaic installation project for self-consumption at an educational centre. Self-consumption mode eligible for compensation.
- Analysis of comprehensive energy rehabilitation measures for a building of 16 dwellings in a block of flats in the municipality of Paterna inhabited by families affected by energy poverty.



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Project

# Ingenia Store. Universidad Politécnica de Madrid (UPM)



Status  
Ongoing



Scope  
National, SPAIN



Collaboration between the Elecnor Foundation and the Foundation for the promotion of industrial innovation to support research into electrical systems based on renewable energies “Ingenia-Store”.

In the context of the collaboration agreement established between the Elecnor Foundation and the Electrical Engineering Area of the ETSII-UPM, linked to the subject “Engineering an Electrical System”, the execution of a three-year project has been agreed. This project seeks to integrate the analysis of lithium battery storage systems associated with the generation of electricity from renewable sources into the curriculum of this subject.

## Key activities

- Study of storage systems with lithium batteries.
- Visit to thermosolar plant.
- Presentation by Elecnor on photovoltaic self-consumption.



POLITÉCNICA

UNIVERSIDAD  
POLITÉCNICA  
DE MADRID





Education

# Agri-Photovoltaic Chair at ETSIAMN. Universitat Politècnica de València (UPV)



Status  
Ongoing



Scope  
National, SPAIN



## AGRI-PHOTOVOLTAIC CHAIR AT ETSIAMN AND THE REGIONAL MINISTRY OF AGRICULTURE

The School of Agricultural Engineering and Environment (ETSIAMN) at the Universitat Politècnica de València (UPV), in collaboration with the Ministry of Agriculture, Rural Development, Climate Emergency and Ecological Transition, have been the driving forces behind the innovative Agri-Photovoltaic Chair. The central purpose of this Chair is to promote research, development and practical application of agri-photovoltaic systems, which integrate solar photovoltaic energy generation with agricultural practices. This synergy allows a double use of the land, optimising its productivity.

Collaborating institutions include:

- Emin Energy, an engineering and consulting firm.
- Vaos Sistemas, specialising in the automation of irrigation systems.
- La Comunidad de regantes de Liria (The Irrigation Community of Liria).
- Gestión y administración técnica agraria S.L., consultancy in the agricultural sector.
- GSFI Energía, dedicated to the installation of solar panels.
- Elecnor Foundation, contributing its experience and support to the project.



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## Objectives

1. Innovation in agri-photovoltaic systems: researching and advancing technologies and methodologies to establish efficient and environmentally-friendly agri-photovoltaic systems.
2. Professional training: to promote the training and specialisation of professionals in the field of agri-photovoltaics.
3. Knowledge transfer: stimulating the exchange of knowledge and technologies between academia, the business sector and the agricultural world.
4. Feasibility studies: to assess the economic, social and ecological feasibility of agri-photovoltaic projects.
5. Institutional collaboration: working together with both national and international entities and organisations on agri-photovoltaic initiatives.
6. Energy and agricultural integration:  
The Agri-Photovoltaic Chair is dedicated to promoting the link between solar photovoltaic energy and agriculture, advocating a sustainable strategy that supports both food production and renewable energy generation.



Project

# Collaboration agreement between the Elecnor Foundation and the Integra Foundation



Status

Completed



Scope

National, SPAIN



## COLLABORATION AGREEMENT BETWEEN THE ELECNOR FOUNDATION AND THE INTEGRA FOUNDATION

The Integra Foundation is dedicated to supporting people in situations of social exclusion and people with disabilities, facilitating their active reincorporation into society through employment. In addition, the Integra Foundation develops personalised integration itineraries that focus on emotional development and training in social and work skills.

Since its inception, the Integra Foundation has been committed to assisting those in vulnerable situations, including women victims of gender-based violence, homeless people, sexually exploited and/or trafficked women, individuals recovering from addictions, ex-

prisoners, young people at risk of exclusion or under probation measures, as well as people with disabilities, always seeking to restore their autonomy and dignity through employment.

The Elecnor Foundation established a framework collaboration agreement that included a first concrete initiative. As part of this agreement, the Elecnor Foundation joined forces with the Integra Foundation to enhance the conditions and resources used by the Integra Foundation in its newly established classrooms. The aim of this collaboration was to optimise and reinforce the training provided to vulnerable groups.







## Volunteering 2023

In its efforts to foster a positive and lasting social impact, the Elecnor Foundation generates initiatives where employees and collaborators become actively involved in community aid projects.

This year, the featured project, H<sub>2</sub>OME in Brazil, saw Elecnor do Brasil employees directly involved in activities that benefit the Quilombola community of Muratubinha, improving their access to basic services and fostering sustainable development.

In addition, the volunteer programme has been extended to other regions, demonstrating the Foundation's continued commitment to social responsibility and global cooperation.



# “Ascender” Volunteer Programme

The new approach to corporate volunteering, the “Ascender” Project, in which employees in the host country of a social infrastructure project play a central role, represents a valuable opportunity for Elecnor do Brasil staff to actively participate in the success and sustainability of the H<sub>2</sub>OME project in the Amazon, contributing to the well-being of local communities.

This initiative underlines the company’s social commitment and demonstrates its corporate responsibility in a tangible way.

Elecnor Foundation Day in Brazil was celebrated on 12 June, marking a significant moment of connection and celebration. The event was held at the offices of Elecnor do Brasil in Rio de Janeiro, with the presence of prominent figures such as Jorge Ballester, director of the Elecnor Foundation; José Luis Estallo, technical director of the Elecnor Foundation; Pablo Uribarri, general director of Elecnor do Brasil; and Carlos Jiménez Jerez, project manager of Elecnor do Brasil and responsible for the construction of the first H<sub>2</sub>OME module in Brazil, in addition to the entire Elecnor do Brasil team from its offices in Rio.



## Promotion of Corporate Volunteering: “ASCENDER” PROJECT

Volunteers will support the following initiatives:

- Establish links with the Quilombola community to foster cooperation.
- Collaborate in technical supervision alongside H<sub>2</sub>OME operators, ensuring effective preventive maintenance.
- Provide necessary school supplies for children.
- Sponsor children’s education at school and, where applicable, in higher education.
- Contribute resources to improve health centre operations.
- Implement face-to-face training sessions for children annually.





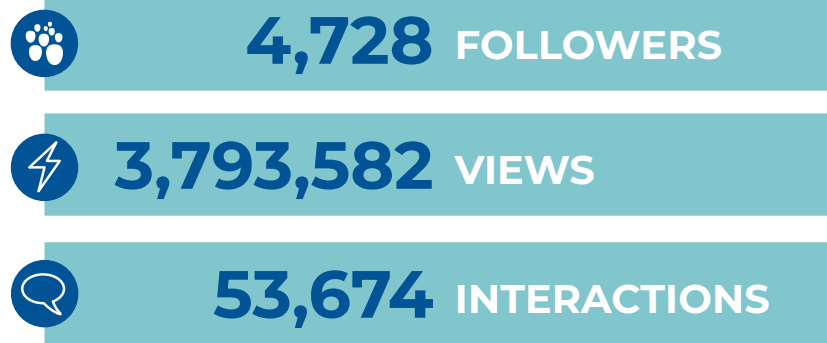
# Social Media

## Special actions

In 2023, specific content lines have been launched to give visibility to the most outstanding activities of the Elecnor Foundation. The content of the Foundation's compliance podcasts and new completed projects has been maximised. Taking advantage of the summer, content was generated in the form of a quiz or survey to encourage public interaction.



 2023







[fundacionelecnor.com](http://fundacionelecnor.com)