



# Report on Activities 2021

foundation  
**elecnor**

# Report on Activities 2021







# Content



**6**  
**Letter from  
the President**



**8**  
**Who  
we are**



**16**  
**Social Infrastructure**



**60**  
**Corporate  
Volunteering**



**34**  
**Training and Research**



# Letter from the President

Dear friends,

I am delighted to present this Report on Activities 2021. Our work at the foundation focused on two areas: carrying out social infrastructure projects, basically in the fields of energy and water, and generating training and research partnerships.

Let's first take a look at the **Social Infrastructure** area, in which the project **"We care about the air that you breathe"** is one of the actions that has brought us most satisfaction. In partnership with the Ronald McDonald Children's Foundation, we have undertaken an innovative indoor air treatment initiative in Madrid's Ronald McDonald House, located in the Niño Jesús University Hospital complex. The project focuses on the air quality indoors at the House. It seeks to help to prevent the spread of SARS-CoV-2 and other viral infections and to ensure that the children and their families staying at the House enjoy purer and virus-free air.

Africa provided the setting for another two of the Foundation's Social Infrastructure projects. Through the first of these, called **Solar For Health**, we have managed to assure the power supply for five hospitals and health centres in Ghana. The second one, called **Health Energy**, is to be launched in the first half of 2022. It seeks the same objective at the **Hospital San Juan de Dios** in Thiès (Senegal).

Moreover, 2021 also saw us start on the design of a project to assure the power supply at and to pump drinking water to a public school for the Quilombola community in the Brazilian municipality of Óbidos, in the heart of Amazonia.

As far as the **Training and Research** area is concerned, we continued to promote numerous collaboration initiatives with educational institutions of acknowledged prestige.

Occasionally, we had to transform the initial project to adapt to the circumstances created by the pandemic. In this sense, the **"Growing in Prevention"** project, which was originally to be conducted in person had to be redesigned for a fully digital environment. Nonetheless, this in no way affected its magnificent results: over 12,000 students from Madrid and Extremadura learned the importance of prevention in general, and more particularly its role as a tool to combat COVID-19.



*"Another year working towards meeting the Sustainable Development Goals"*

Since the creation of the **IE-Elecnor Observatory on Sustainable Compliance Cultures** project at the end of 2019, conducted in partnership with the Instituto de Empresa, we have dedicated great efforts to driving regulatory compliance in the business world. This year we presented the first study on the compliance culture entitled, **"Radiography of the sustainable compliance culture in Spanish SMEs"**.

On the other hand, the **"Master's Thesis Scholarship" programme** in collaboration with **Valencia's Polytechnic University** attests to our decided commitment to looking for talent and fostering collaboration between Business & Universities.

Moreover, this year we sponsored the **Corporate Leadership in Entrepreneurship and Innovation Programme (PLCE)** developed jointly by **Deusto Business School** and **ICADE Business School**. This programme contributes to training new entrepreneurs and leaders with the experience needed to start really innovative projects.

In the university world, we signed an agreement with the **Jaume I University in Castellón** to establish and develop academic, cultural and scientific relations set to be embodied in specific initiatives in the course of 2022.

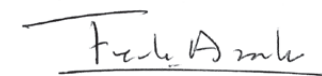
Lastly, we continue to strengthen our collaboration with vocational training. On the one hand, we held a new edition of the **"Specialist Course in Medium- and Low-Voltage Electrical Installations"** for students at the **Colegio Salesianos Deusto in Bilbao**. On the other hand, the agreement reached with two educational institutions in Extremadura made it possible for several students on the Advanced Qualification in Renewable Energies programme to do practical training at Elecnor Group facilities.

This year proved no different in our endeavours to work towards meeting United Nations **Sustainable Development Goals** through managing practical projects in connection with energy, water, education and health, as well as promoting innovation and compliance values throughout society as a whole.

My thanks to all the people and institutions that have joined the Elecnor Foundation, through their efforts, time and dedication, in showing the most human side of engineering for the benefit of all. And, of course, I would like to acknowledge the engagement of all those Group employees who have helped achieve those goals. Lastly, my thanks to the Board of Directors of Elecnor, to the members of the Board of Trustees, the Advisory Board, the Executive Committee and the Corporate Volunteers of our Foundation.

Greater detail on all the projects we implemented in 2021 is given below. Their reading is, I firmly believe, one of the best ways to get an insight into the values that drive us and to understand the role corporate foundations play in transforming society.

Yours sincerely,



**Fernando Azaola**  
President of the Elecnor Foundation



# Who we are

The **Elecnor Foundation** was founded in 2008 as part of the celebrations to mark the Group's 50th anniversary.

Ever since, its main objective has been to contribute to the development and progress of society by implementing **projects to enhance people's living conditions and preserve the environment**.

To make it more effective, the Foundation's work is closely linked to Elecnor's own activity. Accordingly, the Foundation has established those countries in which the company operates as its priority areas of action. Moreover, the projects undertaken are always related with lines of business in which Elecnor is a well recognised operator.

These endeavours have made it possible to bring **water and energy** to some of the most vulnerable communities in countries like Ghana, Senegal, Angola, the Democratic Republic of the Congo, Cameroon, Mexico, Honduras, the Dominican Republic, Nicaragua, Peru, Brazil, Chile and Uruguay, thereby benefiting thousands of people.

*We are agents of  
change and well-being*

In keeping with this line of action, the Elecnor Foundation has had a **corporate volunteering programme** in place for some years to enable any company employee to contribute their time and effort into making some of its up and running projects a reality.

The **search and promotion of talent** among young people is another of the Foundation's areas of action, to which end it has entered into numerous agreements with universities and vocational training centres, thereby creating synergies that have opened the door to many students entering the labour market.

In fine, the Elecnor Foundation is the key tool in the pursuit of ethical values: change, innovation, sustainability and cooperation.



 SINCE  
**2008**

 **+12.5 MM €**  
PROJECTS

 **13**  
COUNTRIES

 **+1,000,000**  
BENEFICIARIES

# Vision and Values

The Elecnor Foundation is the tool through which the Elecnor Group expresses its commitment to the sustainable improvement of society. A commitment that highlights the most human side of engineering, through actions and projects in two main areas:

**The development and building of infrastructures** that provide access to water and energy to those communities where they are most needed. All of these projects are underpinned by a set of common premises in the social work carried out by the Foundation: respect for the environment and a commitment to quality and innovation.

**Supporting training and research** to nurture the professional development and projection of young people, stimulating

and boosting relations between business, public institutions and the educational sector.

To carry out its projects, the Elecnor Foundation establishes alliances with strategic partners with a view to pooling best practices and applying the most effective technical solutions to meet the challenges that arise in the countries where it acts.

The Elecnor Foundation is convinced that a combination of **innovation and sustainability** can ensure social progress and the future of coming generations.



## Change

We seek to positively transform people's lives by enhancing access to basic services and education.



## Innovation

Elecnor projects involve substantial RDI content, thus enabling us to implement effective, state-of the art solutions.



## Sustainability

We create and implement long-term sustainable projects with future generations in mind.



## Cooperation

The more the synergies involved in a social project, the better its reach and efficiency to progress towards a better world.

# Governance structure



## BOARD OF TRUSTEES

FERNANDO AZAOLA ARTECHE  
President

ROCÍO CERVERA EARLE

JUAN PRADO REY-BALTAR

CARMEN GONZÁLEZ DE AGUILAR  
ALONSO-URQUIJO  
Secretary

## ADVISORY BOARD

RAFAEL MARTÍN DE BUSTAMANTE VEGA

JOSÉ LUIS ESTALLO GASTÓN

ÚRSULA ALBIZURI DELCLAUX

JESÚS FÉLEZ MINDÁN

JUAN MOSCOSO DEL PRADO HERNÁNDEZ

JAVIER ESQUIVIAS VILLALOBOS

## MANAGEMENT

JORGE BALLESTER SURROCA  
Director



# Ethics and Responsibility

The Elecnor Foundation is party to the **Compliance System** established for the entire Elecnor Group and complies with the principles of the **Code of Ethics and Compliance Policy**, which determine that all actions should be performed in keeping with the strictest ethical standards, both in relations with stakeholder groups and when implementing its projects.

Ethically speaking and integrity wise, the Elecnor Foundation takes a **zero tolerance approach to malpractice**. Both the Code of Ethics and the Compliance Policy establish as a rule that activities must be implemented in accordance with the law in force in the countries and territories in which it is present.

Moreover, both documents require compliance with and defence of human rights and respect for labour rights, and that all those subject to them act with diligence, professionalism, integrity and quality, respecting the environment and always applying the culture of occupational risk prevention and social responsibility.



**ZERO TOLERANCE  
FOR MALPRACTICE**

# Sustainable Development Goals

The Elecnor and Elecnor Foundation vision espouses the challenges posed by the Sustainable Development Goals (SDGs) established by world leaders at the UN in 2015. Accordingly, the Group is a **Signatory to the United Nations Global Compact**, the biggest worldwide initiative in sustainable development to promote the SDGs related to members' activities more directly.

The **2030 Agenda for Sustainable Development** and the **Action Plan for the implementation of the 2030 Agenda** are the domestic and international frameworks for the next few years.

Both programmes provide an opportunity for business foundations to become agents for change, which means a real transformation of business models and corporate social responsibility.

However, **alliances** among the different national and international actors are required to meet the SDGs: States, private companies, non-governmental organisations, universities, as well as international cooperation agencies and organisations.

## SDGs

This is the only way to bring about change in time that will benefit both present-day communities but **future generations** as well.

Since its creation, the Elecnor Foundation has signed numerous **collaboration agreements** with NGOs, universities and training centres, private companies and public bodies, with a view to combining efforts, knowledge and experience to achieve the best practical results and to progress in meeting the SDGs.

In 2021, every Elecnor Foundation project is in keeping with some of these SDGs:





# Project map 2021







# Social Infrastructure projects

Work has been ongoing this year to show the solidarity and more human side of engineering, carrying out infrastructure projects that assure power and energy supplies in those countries where Elecnor operates. Our goal is to continue enhancing the lives of the most vulnerable people by creating environments that make possible the development of health, education and the economy.





# Project We care about the air you breathe

“We need pollution, virus and bacteria free air to ensure our recovery and for the peace of mind of our families”

✓  
Done



SPAIN



SINCE  
2020



+1,200  
BENEFICIARIES/YEAR



COMPLETED



Whatever happens, no child should feel that they are far away from their parents and their home.

So in 2013, the **Elecnor Foundation**, in collaboration with the **Ronald McDonald Children's Foundation**, has been taking part in the building of the **Ronald McDonald House in Madrid**, “a home away from home” to accommodate those families that have to travel far away from their normal residence so their children can receive medical treatment.

The **Ronald McDonald House in Madrid** has individual rooms and a series of common services. There, all the children and their parents can enjoy a pleasant and homely stay, leading as normal a family life as possible.

However, the outbreak of the COVID-19 pandemic made it more important than ever that the children and their families staying there “enjoyed the best possible atmosphere”. Literally, that is.

Because the first line of the defence against the virus is without a doubt hygiene. And this requires, among other measures, guaranteeing the air quality in confined spaces, particularly in highly sensitive places like hospitals, old people's homes, schools, etc. Now, more than ever it is necessary to consider the installation of Indoor Air Quality (IAQ) equipment that is able to remove high percentages of particles of up to 0.1 microns in size. This reduces the viral load, a factor that greatly complicates both the infection and the prognosis of those who catch the disease.

In 2020, the **Elecnor Foundation** and **Ronald McDonald Children's Foundation** felt the urgent need to carry out an indoor air treatment project for the Ronald McDonald House in Madrid improving its quality by eliminating pollutants harmful to the health of those especially vulnerable who are staying there. And that's how **We care about the air you breathe** came about.



The aim of this project was to minimise the possible exposure of people using the facility to coronavirus and other viruses by means of air improvement and renewal measures, along with others.

Together with the technology partner **Aire Limpio, Elecnor Foundation** implemented a project with air treatment measures that were chosen by Spain's Centre for Industrial Technological Development (CDTI) in its call for proposals for "RDI and Investment projects to tackle the health emergency declared as a result of COVID-19".

Through this initiative, the Foundation implemented a prevention model in the House to ensure the safety of all those living there by means of artificial intelligence: constant renewal and monitoring of the air and its quality (whether or not it contains elements that are harmful to people's health etc., and in what volume), automatic head count and temperature control of residents and visitors, etc. An innovative project that **is benefiting 300 families a year**, which translates into an approximate total of 1,200 people.



# The project's main goals

### Treatment

Treat indoor air, improving its quality by eliminating pollutants harmful to the health of those staying at the House.

### Monitoring

Continuously monitoring air quality by measuring organic compounds and particles.

### Access control

Take the temperature and do a head count of the people who enter the House as a measure to avoid the risk of infection.

### Maintenance

Correctly maintain the facilities by implementing the measures legally established and increased by the requirements of the installed equipment.

### Supervision

Operate the building's facilities and continuously monitor their operation to avoid failures that may affect not only House comfort but also indoor air quality.



From left to right: Antonio Álvarez, José Antonio García, Blanca Moreno, Fernando Prados, Jorge Ballester, José Lozano, Policarpo González del Valle and Fernando Feldman.

## Project details

### 1. INSTALLATION OF AIR FILTERING IN CENTRAL CLIMATE CONTROL SYSTEMS

#### SIPAP® Active Polarisation systems

These reduce the energy consumption of air-conditioning systems due to their reduced load loss, cut CO<sub>2</sub> emissions and cost less to maintain than traditional filters.

#### SFEG® Photocatalysis Systems

These treat air-conditioning system air flows to reduce the risk of contamination with micro-organisms (viruses, bacteria, fungi, yeasts) and chemical compounds (NO<sub>x</sub>, VOCs, SO<sub>2</sub>, etc.). The system combines ultraviolet germicidal irradiation (UVGI) and hydroxyl free radical (OH<sup>-</sup> ions) oxidation, deactivating the DNA and RNA of micro-organisms.

### 2. AIR TREATMENT SYSTEMS FOR COMMUNAL AREAS

SIIV air treatment and filtering systems using UVGI. One of the keys for keeping House residents healthy is the renewal and cleaning of the air in the various rooms, and it is especially important to treat the air in areas with the highest density of occupancy, such as the activity rooms and dining area. SIIV systems improve indoor air quality by filtering contaminating particles and thoroughly purifying the air in the places where they operate.

## PROJECT ALIGNED WITH SDGS:

3 GOOD HEALTH AND WELL-BEING

9 INDUSTRY, INNOVATION AND INFRASTRUCTURE

11 SUSTAINABLE CITIES AND COMMUNITIES

17 PARTNERSHIPS FOR THE GOALS



# Project Solar for Health

*“It is of prime importance to guarantee and reinforce the power supply to our hospitals and health centres, because when it comes to saving a life there is no room for outages or power cuts”*

✓  
*Guaranteed*



SINCE  
**2013**



+**200,000**  
BENEFICIARIES



COMPLETED



GHANA

In the middle of an operation. Or when a patient needs oxygen. Or an urgent X-ray.

Whenever a life is at stake there must be no power failures.

Accordingly, in 2013, the Elecnor Foundation, along with the **Congregation of the Sisters of Charity of Saint Anne** and the **Congregation of Sisters Hospitaliers of the Sacred Heart of Jesus**, launched the **Solar Back-Up Systems project**.

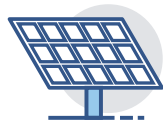
The project consists of the installation of **back-up systems operated by solar batteries and inverter chargers which, reinforced with solar panels**, assure power supply from the grid in critical situations when voltage changes cause power cuts.

This initiative seeks to ensure the power supply to their hospitals in Ghana. The passing of time and the obsolescence of the facilities have raised the risk of suffering a power cut at any moment in time to unacceptable levels, thus greatly increasing the costs of the services provided and, most importantly, endangering the health of their patients.





Since then, the Elecnor Foundation has been working closely with both religious congregations by means of the Elecnor Group corporate volunteering programme. Lastly, the need to implement new photovoltaic systems was identified to enhance health care in critical units. As a result, the original project launched in 2013 has been expanded with the design of new solar PV systems at different health centres.



CONGREGATION OF SISTERS HOSPITALLERS  
OF THE SACRED HEART OF JESUS

60 kWp

San Francisco Javier hospital in Assin Fosso

25 kWp

Adjacent training centre

25 kWp

Benito Menni health centre in Dompoease

CONGREGATION OF THE SISTERS  
OF CHARITY OF SAINT ANNE

60 kWp

Nuestra Señora de Gracia hospital in Asikuma

25 kWp

Nuestra Señora del Rocío hospital in Walewale



In November 2021 the **Solar for Health** project was launched with Fernando Azaola, president of the Elecnor Foundation, and Rocío Cervera, trustee, in attendance.

Their visit also served as an opportunity to check that project facilities put in place in 2013 continue to work in perfect condition.

On top of receiving thanks from both religious congregations, the Elecnor Foundation was able to confirm that the project had managed to care for and improve the health of thousands of people.

PROJECT ALIGNED  
WITH SDGS:







## Project Health Energy

*“Use of the power supply needs to be optimised so we can dedicate all our attention to the care of our patients”*

✓  
*In progress*



**+320,000**  
BENEFICIARIES



**250 kWp**  
SOLAR ENERGY



**COMPLETED**



**SENEGAL**

All hospitals need to be able to rely on sufficient power to do their job, so that no patient is deprived of proper treatment.

The **San Juan de Dios Hospital** in Thiès (Senegal) is widely recognised as looking after patients free of charge and without discrimination, fostering respect and equality all over the country.

Nevertheless, the obsolescence of its electrical installations entails a high risk of power supply disruption, which hampers the work of the hospital's doctors and nurses and puts the lives of their patients at risk, while at the same time generating high maintenance costs.

Consequently, the Elecno Foundation, in partnership with the NGO **Manos Unidas**, and true to its commitment to contribute to improving health in the most vulnerable areas on the African continent, has installed a 250 kWp photovoltaic system at the San Juan de Dios Hospital that is connected up to the grid. A no storage system, it is coupled to a diesel unit.



In the course of the project, the Elecnor Foundation also installed energy audit equipment to compile data on the centre's energy consumption with a view to devising a strategy to modernise the installation and improve its energy efficiency.

In this way, power consumption was reduced and a power supply to ensure that medical services to work well at the hospital was assured.

Moreover, the cost savings will make it possible to acquire modern equipment to detect and treat diseases, along with medicines and vaccinations to reduce the country's death rate.

Courtesy of this project, the 320,000 population of the Thies region will have a secure hospital that will unquestionably enhance their quality of life.



#### PROJECT ALIGNED WITH SDGS:







# Project H<sub>2</sub>OME Amazonas

“Our school needs electricity to light up our path to knowledge and drinking water to sate our thirst for learning”

✓  
*Progressing*

The Quilombola community is made up of 270 people who live in the municipality of Óbidos, in the Brazilian state of Pará. Its public school, which caters for 90 children, has to collect water by hand from an Amazon tributary and has serious power supply problems.

A well nearby the school is not used and the photovoltaic panels fitted to the roof years ago do not work.

The Elecnor Foundation proposal goes beyond these problems, not only sorting out them out, but also adding more value by including a library and clinic all inside the same structure.



FEASIBLE  
PROJECT



BRAZIL



+90  
STUDENTS





## The project's main goals

### Electricity

Use photovoltaic energy to provide the school with electricity

### Water

Pump water from the well to the water treatment plant to provide clean water at all times

### Multi-purpose space

For different activities, including:

### Library

An audiovisual library

### Clinic

Equipped with the basics to attend to community needs

At the end of 2021, a **favourable feasibility report** was issued.



## PROJECT ALIGNED WITH SDGS:







# Training and Research

The Elecnor Foundation continues its commitment to searching for talent and the innovative capacity of young students in the different branches of engineering. To this end, it fosters the collaboration and signing of new agreements with all types of educational centres, ranging from Vocational Training Centres to Universities and Business Schools.







# Programme Growing in Prevention

*“We want to grow and live without fear: we want to learn to look after our mental and physical health without forfeiting our hopes and dreams”*

✓  
*Progressing*

If there is one thing we have learned in recent years is that we live in an ever-changing world; one in which we need to be constantly innovating to continue upholding our values.

In 2018, the **Elecnor Foundation** set itself the goal of inculcating its slogan of “**safety above all**” in primary school children. An initiative out of which came the **Growing in Prevention** programme.

*Creciendo en*  
**PREVENCIÓN**



SPAIN



**133**  
SCHOOLS



**27**  
SPECIAL  
NEEDS SCHOOLS



**+15,000**  
STUDENTS



The programme was ready for launch in January 2020. At first, it was an educational programme with in-person activities, but on the very day the school term began, the Government declared a state of emergency on account of the COVID-19 pandemic threat, thus precluding the possibility of carrying out the programme in person.

An Elecnor Foundation crisis meeting was called and work began on a new project: **Improving COVID Prevention**. Some months later, the first advances were made in a new programme using digital content and an on-line tool featuring the same main characters from the previous programme (Inés and Vicen). Both characters became the leitmotif to enable teachers to give the lessons online, teaching COVID-19 prevention measures by means of entertaining games.

Contact with schools began at the beginning of the 2021 school year and the programme was well received. The team of programme educators provided advice at each school, to every teacher and every class. The educators accompanied the children throughout the classes, even though the subject was taught online.

The first year's results in Madrid were excellent: over 7,000 children took part in the **Improving COVID Prevention** programme. Some 52 public and private schools (7 of which were special needs ones) signed up to the programme, which resulted in over 404 classes given. The foregoing are the purely quantitative figures, but the qualitative assessment questionnaires returned excellent results: **92% of teachers recommended that the programme be used** as an educational tool and said they would recommend it to their colleagues.



**Creciendo en  
PREVENCIÓN COVID**

**MADRID**

45 SCHOOLS  
7 SPECIAL NEEDS SCHOOLS  
404 CLASSES  
+7,000 PUPILS



That same year, the Elecnor Foundation offered the programme to the **Regional Government of Extremadura**. In this case, the aim was to make a special effort to reach out to rural Spain by engaging with those small, poorly resourced schools with few pupils. The Regional Government of Extremadura took up the proposal with great interest and, as was the case with the Madrid region, the results exceeded expectations: despite the lower pupil density, 3,178 took part in the educational action at 56 public and private schools (4 of which were special needs ones). Indeed, the qualitative scores even bettered those received in Madrid.

**Creciendo en  
PREVENCIÓN COVID**

**EXTREMADURA**

52 SCHOOLS  
4 SPECIAL NEEDS SCHOOLS  
199 CLASSES  
+3,000 PUPILS



On foot of the excellent results and the positive reviews received from the educational institutions, centres and the teachers, the Elecnor Foundation went one step further and examined the possible lasting psychological consequences the pandemic was having on children.





# Creciendo en PREVENCIÓN EMOTIONAL

**MADRID**  
 36 SCHOOLS  
 16 SPECIAL NEEDS SCHOOLS  
 283 CLASSES  
 +5,000 PUPILS

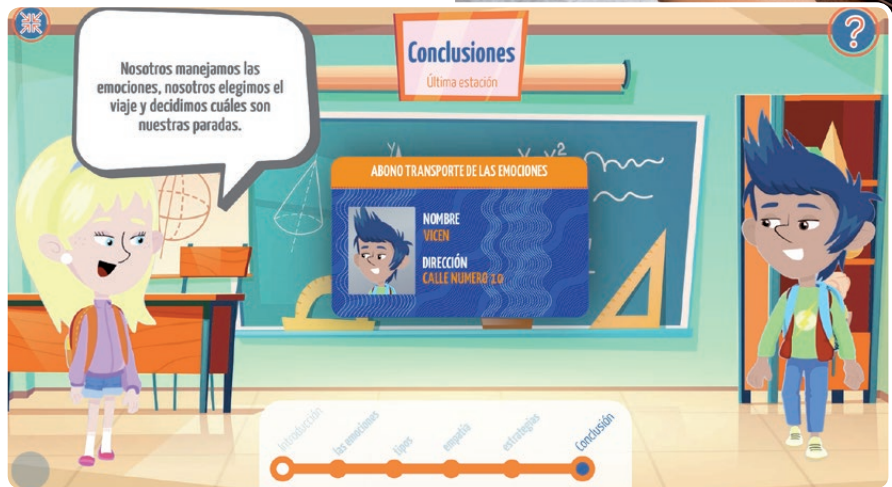
While forging ahead with this prevention programme to tackle COVID-19, the Elecnor Foundation team began its tireless work on the next educational project for the 2021/2022 school year. Within a matter of a few months it already had come up with a project that focused on the problem of psychological consequences of the pandemic for children, which used the same method, structure and characters as were used for the Improving COVID Prevention programme.

This new project, which was called **Growing in Emotional Prevention**, was presented in the Madrid and Extremadura regions with a view to its implementation in the 2021/2022 school year. Once again it was positively received by the educational authorities in both regions and a decision was taken to implement it immediately in Madrid at the end of 2021, while in Extremadura they decided to start working with it early in 2022.



Comunidad de Madrid

JUNTA DE  
EXTREMADURA



In the Madrid region, over 5,000 pupils from 52 schools (16 of which were special needs ones) took part in the Growing in Emotional Prevention project.

As we write, the project is being implemented in Extremadura. Feedback would suggest that the results will be as good as those in Madrid.

## PROJECT ALIGNED WITH SDGS:







# Project IE - Elecnor Observatory on Sustainable Compliance Cultures

*“We come up with resources and tools that enhance the compliance management of our organisations, while never losing sight of our ethical and environmental principles”*

*Working on it* ✓



INTERNATIONAL



SINCE  
**2019**



ONGOING



**ie**  
FOUNDATION

Companies in today's world are no longer synonymous with their profit figures and financial results. Their worth is increasingly to be found beyond merely stock market indicators.

Today, shareholders, stakeholders and society as a whole are mindful of less tangible, albeit vitally important, factors, such as **sustainability** and **compliance**.

The Elecnor Foundation fully assumes and promotes all of Elecnor's principles and values, whose greatest exponents are its **Code of Ethics** and its **Compliance Policy**. Its commitment to society includes disseminating the culture of regulatory compliance in the business world, especially in SMEs, insofar as it is an element that generates confidence and boosts competitiveness, as well as providing a solid framework of reference for decision-making.

In the conviction that combating corruption must be an indispensable part of the ethical commitment of any corporation, at the end of 2019 the Elecnor



Foundation signed an agreement with the IE Foundation, in collaboration with the law firm Eversheds Sutherland, to create the **IE-Ecnor Observatory on Sustainable Compliance Cultures**.

Observatory endeavours prioritise as goals: the in-depth analysis of the compliance challenges facing small and medium-sized companies; research into possible solutions and strategies; and the dissemination of the knowledge generated. The end purpose is to promote the development and use of control mechanisms to identify and prevent the risks of non-compliance or misconduct in companies, most importantly with respect to the fight against corruption, the defence of the right to fair competition, human and labour rights and respect for the environment.

The Observatory was officially launched on 16 December 2020 at an online event entitled “**Compliance in times of uncertainty: How to foster a culture of compliance in small and medium-sized enterprises?**”. The event brought together experts and professionals who discussed the specific challenges faced by small and medium-sized enterprises in fostering a compliance culture, along with various strategic ways to implement it.

Indeed, it managed to attract 170 simultaneous connections and 998 views.

Despite the fact that the Observatory was launched in the first year of the COVID-19 pandemic, thanks to the efforts of

all those taking part, several online events were organised and the first study was carried out on the *compliance* culture in medium-sized companies using a comparative approach. This work includes indicators relating to the situation in Spain, an analysis of successful solutions in other countries and a qualitative assessment of barriers, challenges and the application of solutions.



The resulting report, entitled “**Radiography of the sustainable compliance culture in Spanish SMEs - Current status and drivers**”, was presented in October 2021.

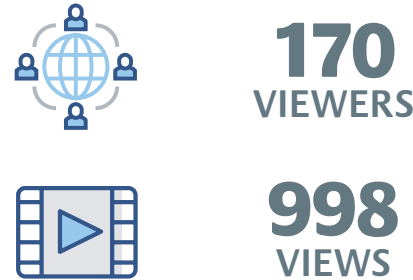


From left to right: Fernando Fraile, María Hernández, Gonzalo Sánchez Alber, Pedro Enrile, Soledad Atienza, José Ramiro Valcavado and Enrique Aznar.

The Observatory has a Management Committee and a research team comprising IE professors. Its research is aimed at the Spanish business landscape as a whole, especially the SME segment.

Observatory work and studies and their dissemination seek to provide society, in general, and the business world, in particular – especially medium-sized enterprises –, with tools to improve **compliance policy** management, while always keeping an eye on the ethical principles and expectations of the different social and environmental stakeholders.

### PROJECT ALIGNED WITH SDGS:





# Project Elecnor-UPV Foundation scholarships for MASTER'S THESES

*“We are looking forward to doing  
our bit for progress.  
Interested in committing to  
our ideas and projects?”*

*We have faith in you* ✓

Thirty years promoting talent. Thirty years rewarding effort and advocating collaboration between universities and businesses. Thirty years backing good ideas.

The foregoing could very well serve as a summary of the last three decades of collaborating with **Madrid University's Industrial Engineering Faculty** (ETSII) and the Department of Electrical Engineering (DIE) at the **Valencia's Polytechnic University** through the “**Master's Thesis Scholarship**” Programme.

The programme targets final-year students enrolled in the Industrial Engineering and Energy Engineering for Sustainable Development masters courses.



SPAIN

In each edition, 5 students receive a scholarship to complete end-of-masters projects aimed at topics linked to electrical and energy engineering. The scholarships are awarded by means of a competition in which a committee comprising members of Elecnor, the Industrial Engineering Faculty (ETSII) and the Electrical Engineering Faculty (DIE) assess the entrants' merits. Once completed, the projects are assessed by the committee, which awards the Elecnor Foundation Prize to the one rated highest.

These scholarships represent a marvellous opportunity to enter the labour market. Indeed, in many cases, it is the first contact for students with a big enterprise like Elecnor.



ONGOING





Students are able to complete their theses in stimulating conditions, developing areas of interest at the company's own offices or in DIE labs.

At present, many of these students have joined Elecnor and are now in positions of responsibility.

The Elecnor Foundation scholarships have also proven to be an efficient means to maintain contact between university and

business, fostering the relationship between professionals from both spheres, which is materialised through the development of work that is of mutual interest with academic rigour and an applied approach.

But perhaps the most valuable result of this initiative is its contribution to training professionals with a high-level scientific profile combined with a practical approach, who are valuable not only to Elecnor and the university, but to society as a whole.



Ricardo Trigueros, Martín Riera and scholarship students.

## Scholarships 2020-2021

Design and development of an Arduino-based control system for a permanent-magnet synchronous machine (PMSM)
Design and implementation of an outdoor lighting control and regulation system
Electrical installation project for an industrial plant (or building) using energy optimisation techniques
Design and implementation of a supervision and control system for an electricity grid
Digitalising a 4.0 lab practical training station



## Scholarships 2021-2022

Design and development of an instrumentation system for a Brushless DC PMSM
Design of a solar inverter for a home photovoltaic system
Analysis of integrated energy recovery measures for a block of flats in Valencia where families suffering from energy poverty live
Electrical installation project for an industrial plant (or building) using energy optimisation, analysis and harmonic mitigation techniques
A self-consumption, 50 kW photovoltaic installation project for a school. Self-consumption with feed-in offset regime

### PROJECT ALIGNED WITH SDGS:





# Programme Corporate Leadership in Entrepreneurship and Innovation

Deusto Business School  
ICADE Business School

*“Leaders wanted: plucky, prepared,  
willing to innovate from inside  
companies and make society progress”*

*We are training them* ✓



Marta Aguilar, Úrsula Albizuri and Almudena Eizaguirre.

Social and business progress is  
innovation based.

Big ideas are needed to drive the  
economy: ideas to make companies  
grow, that create jobs and wealth.

But, most importantly, men and women  
are needed to follow them through. True  
entrepreneurs and leaders have the experience  
and daring required to drive genuinely  
innovative projects.

Corporate entrepreneurship programmes and open  
innovation mechanisms such as incubators, accelerators  
and even investment platforms are becoming increasingly  
common in large companies around the world to ensure the  
sustainability, competitiveness and differentiation of  
their services.

With the aim of developing professionals capable of  
leading innovation processes and anticipating future  
trends, in September 2020 the **Elecnor Foundation** signed  
a collaboration agreement with **Deusto Business School**  
and **ICADE** to develop the **Corporate Leadership in  
Entrepreneurship and Innovation Programme**.





The programme is aimed at professionals interested in learning first-hand about the most cutting-edge entrepreneurial initiatives of large corporations, from the executives who have led them, as well as exchanging management experiences with students from other programmes. Thus, participants learn skills to identify opportunities, foresee risks and create dynamic growth models to achieve success in rapidly changing environments.

The 2020-2021 course, given at the **Deusto Business School** Madrid headquarters, stressed the idea of innovation from within the company through intra-entrepreneurship, as well as advocating the creation of public-private synergies to create a suitable framework to ensure the creation of jobs, wealth and well-being.

Felipe González, ex-Prime Minister of Spain, gave the closing speech of the academic year. Moreover, the Chief Executive Officer of the Elecnor Group, Rafael Martín de Bustamante, emphasised to those in attendance the importance for corporations of supporting leadership and collaboration between universities, the economy and business.

At the closing ceremony, students from the Public Leadership in Entrepreneurship and Innovation (PLPE) and Corporate Leadership in Entrepreneurship and Innovation (PLCE) courses presented their end-of-programme projects. This part of the event was chaired by the Elecnor Director of Corporate Development, Úrsula Albizuri, and by Juan Moscoso del Prado, Director of PLPE; Emilio Martínez and Alberto Corcóstegui, Co-directors of PLCE.

Moreover, on 12 November 2021, the 2019/2020 and 2020/2021 classes' Graduation Ceremony for Deusto Business School - Executive Education programmes was held at the Assembly Hall of the University of Deusto on the Bilbao campus. Mr. Álvaro de la Rica, Dean of the Faculty, highlighted the collaboration between the University and the Elecnor Foundation.

Subsequently, on 30 November, Joaquín Almunia, former Vice-President of the European Commission an ex-Minister in the Government of Spain attended and participated in the inauguration of the Public and Corporate Leadership in Entrepreneurship and Innovation programmes.



Reception of ex-Prime Minister, Felipe González at the Madrid headquarters of Deusto Business School.

## ALIGNED WITH SDGS:





# Programme Specialist Course in Medium- and Low-voltage Electrical Installations

Salesianos Deusto

*“They connect the professional  
and educational worlds, mutually  
covering their needs”*

✓  
*Done*



SPAIN

One of the main goals of the Elecnor Foundation is vocational training linked to the different branches and disciplines in the electricity sector.

This year is the **ninth edition** of the “Specialist Course in Medium- and Low-Voltage Electrical Installations” for **Vocational Training Students at Colegio Salesianos Deusto in Bilbao**.

15 students completed the 9th edition of this course at Salesianos Deusto.

This initiative highlights the collaborative nature of the Foundation, which joins forces with Colegio Salesianos Deusto to offer the course, designing the training programme and financing the adaptation of the school's facilities, as well as the necessary equipment to carry it out.

The Foundation is proud that at present **three students that did this course are now working at Elecnor** in the electrical distribution field.

PROJECT ALIGNED  
WITH SDGS:



SINCE  
**2012**



**131**  
HOURS  
IN 2021



ONGOING





# Project Advanced Qualification in Renewable Energies Dual Vocational Training

*“We would like to contribute to creating a cleaner planet, while at the same time pursuing a career at a cutting-edge company”*

✓  
*Achieved*



There is no question that renewable energies are the future.

The need for an environment-friendly, sustainable economic model is becoming increasingly more pressing.

To this end, qualified and prepared professionals need to be trained to meet the challenge.

Dual Vocational Training enables students to gain experience both in the classroom and in the company (under the supervision of a tutor).

In this way, Elecnor contributes to forming new and young professionals who could subsequently fill works managers positions on projects.

To this end, two **agreements** were signed with two schools in **Extremadura**:

**IES Javier García Téllez**  
(Cáceres)

One student did work experience at the Astexol-2 Solar Thermal Power Plant

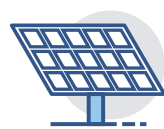
**IES Cuatro Caminos**  
(Don Benito, Badajoz)

In 2022, five students will be doing work practice at Elecnor facilities, four of them at Astexol-2 Thermal Power Plant and the fifth one at the substation of a photovoltaic farm in Lebrija (Seville)

**PROJECT ALIGNED  
WITH SDGS:**



SPAIN



SOLAR ENERGY



ONGOING



# Project Elecnor-UJI Agreement

“What if universities were to find their best support for innovation and progress in forward-looking companies?”

✓  
Done



SPAIN



ONGOING



Ever since its creation the Elecnor Foundation has always been committed to creating synergies between the education and business sectors.

Because when classroom talent and business experience combine, innovation and progress flourish, all of which benefits society.

The **Jaume I University in Castellón**, the **Elecnor Foundation** and **Elecnor** signed a **general collaboration agreement** to establish and develop academic, cultural and scientific relations between the three entities.

The Vice-Chancellor of UJI, Eva Alcón; the Dean of Planning, Coordination and Communication, Modesto Fabra; the head of the Electrical Engineering Area, Néstor Aparicio, and Professor Enrique Belenguer from the same department attended the act.

While Jorge Ballester, Director of the Foundation attended on behalf of the Elecnor Foundation and Bernardino Casado, Head of Maintenance and Services in the Eastern Area represented Elecnor.

This agreement seeks to **organise and carry out joint training actions** (scholarships, conferences, meetings, seminars and courses) by sharing experiences and knowledge, expert personnel, teaching resources, infrastructures and teachers in areas of common interest.

## PROJECT ALIGNED WITH SDGS:







# Corporate Volunteering

The Elecnor Foundation encourages the social commitment of Elecnor employees through corporate volunteering. Over these years, volunteers have shown solidarity and a sense of responsibility by dedicating time and effort to enhancing the quality of life of those most in need.

This altruistic vocation has found expression on a host of occasions, such as when, in 2019, Elecnor Group professionals gave training on solar PV energy in Cameroon, or in 2020, when the team of volunteers donated protection kits against coronavirus to town of La Nopalera in Mexico.

An agreement was reached in 2021 with the **Endesa Foundation** to carry out joint volunteer actions, such as cleaning up protected spaces, creating refuges for species in danger of extinction and other environmental preservation actions.

Nonetheless, given the situation created by the COVID-19 pandemic, and with a view to protecting the health of volunteers and collaborators, a decision was taken to suspend corporate volunteering actions until 2022.

No doubt the spirit of solidarity shown by the Elecnor Foundation volunteers will then return with new projects and actions.



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







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

