



ACTIVITY
REPORT
2020

Nexans
FOUNDATION
For fair access to electrical power

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THE NEXANS FOUNDATION: FOR INCLUSIVE ELECTRICAL ENERGY

In 2013, Nexans became the first player in the cable industry to create a Corporate Foundation dedicated to serving the public interest. The objective of the Nexans Corporate Foundation is to **support actions in favour of access to energy for underprivileged populations throughout the world**, by favouring organisations that are close to the field and reliable and sustainable solutions.

Energy is at the heart of Nexans' business; the Group has therefore decided to make it a priority for its Foundation as well.

THE NEXANS FOUNDATION AND THE SUSTAINABLE DEVELOPMENT GOALS

This commitment follows the United Nations (UN) call in 2012 to raise awareness of energy poverty and the importance of developing access to energy. In 2015, the UN reinforced this call by including in its new Sustainable Development Goals (SDGs) an energy component to «**Ensure access to reliable, sustainable, modern and affordable energy services for all**» (SDG7), an imperative long advocated by the International Energy Agency (IEA) (1) which advocates universal access to energy by 2030.

Energy does not only provide access to light; it also provides **access to education and promotes learning (MDG4)**, **improves access to healthcare (MDG3)**,



empowers women and girls (MDG5), or provides **access to work and participation in economic growth (MDG8)**. The aim is to transform living conditions, economic development and respect for the environment.

Today, according to the United Nations Development Programme (UNDP) (2), it is estimated that one in seven people still do not have access to electricity, most of whom live in rural areas of the developing world. Similarly, over 40% of the world's population, or **3 billion people**, rely on polluting and unhealthy fuels for cooking.

GOVERNANCE OF THE NEXANS FOUNDATION

The governance of the Nexans Foundation is made up of two distinct bodies, the Project Selection and Evaluation Committee and the Board of Directors.

The Project Selection and Evaluation Committee, made up of employees from different countries and functions, meets every year to evaluate the projects submitted during the annual call for projects.

A selection of projects is then proposed to the Board of Directors, which is chaired by the Group's CEO and made up of 6 members divided into **3 colleges** (founding companies, employee representatives and qualified personalities).

62 ASSOCIATIONS SUPPORTED FOR OVER 1,800,000 BENEFICIARIES SINCE 2013

With an annual budget of 300,000 euros, the Nexans Foundation has supported **122 projects** in **38 countries** led by **62 associations** since its creation. Thanks to the support of these projects, more than **1,800,000 people** have benefited or will benefit from access to electricity.

Because of the ever-growing involvement of the Group's local entities, the Foundation supports both large associations recognised in the field of access to energy

such as **Electriciens sans frontières**, **GERES** (Groupe Énergies Renouvelables, Environnement et Solidarités), **FONDEM** (Fondation Énergies pour le Monde) - for large-scale projects - and small organisations such as **SHEKINA**, **ACCESMAD**, **Lumières pour tous**.

The Foundation is active in all countries and mainly in those most affected by energy poverty. Most of the projects have been developed in **sub-Saharan Africa** (in 18 different countries), but there are also projects in Morocco, Lebanon, Turkey, Asia (in 9 countries), **South America** (in 6 countries) and France.

The payment of the sums allocated is conditional on the submission of activity reports proving that the project has been carried out correctly.

A RESPONSIVE FOUNDATION TO MEET EMERGENCIES

The Nexans Foundation has been involved with Electriciens Sans Frontières for many years, and also supports one-off projects in **emergency situations**, notably in the Philippines (2013), Nepal (2015), Haiti (2016), the Caribbean (2017), **Indonesia (2019)**, **Mozambique (2019)**, and more recently in **Lebanon (2020)**.

In order to be even more responsive in managing humanitarian emergencies, the Nexans Foundation, along with 10 other major players in the electrical industry, entered into a **partnership with the crisis centre of the Ministry of Europe and Foreign Affairs and Electriciens sans frontières at the end of 2017**. In the event of a humanitarian crisis, **Electriciens sans frontières** intervenes to restore access to energy. This emergency action is essential because it allows international solidarity actors to act in optimal conditions to help the affected populations.

For more information on the Nexans Corporate Foundation: www.fondation.nexans.com

(1) www.iea.org

(2) www.undp.org

The Nexans Foundation - key figures |

8



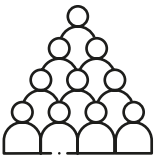
Years since the creation of the Nexans Foundation's action



38

Countries of intervention

1,8 MILLIONS



Approximately 1,800,000 people have benefited from the Nexans Foundation's action

62



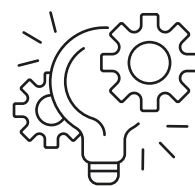
Supported partners



Annual budget

300 000€

122



Supported projects

A Foundation with transparent and organized governance

A BOARD OF DIRECTORS ORGANIZED INTO 3 COLLÈGES



2nd COLLEGE

(the college of employee representative) :

Khady CISSE, Payroll and Personnel Administration Officer

1st COLLEGE

(founder members college (Nexans France and Nexans SA)) :

- **Christopher GUERIN**, Chief Executive Officer of the Nexans Group, Chairman of the Nexans Foundation
- **Nino CUSIMANO**, General Counsel and Company Secretary
- **Olivier CHEVREAU**, MERA Chief Financial Officer (Middle East, Russia, Africa)
- **Johan BURNIER**, Business development Manager 72KV

3rd COLLEGE

(external expert) :

- **Colette LEWINER**, Energy and utilities expert

A SELECTION AND EVALUATION COMMITTEE COMPOSED OF NEXANS GROUP EMPLOYEES



The committee meets once a year to pre-select the projects submitted during the annual call for projects.

- **Pierre KAYOUN**, Corporate VP Technology & Innovation
- **Melina KONIG**, Strategic Marketing & Marcom Manager, Brazil & South America
- **Johan BURNIER**, Business development Manager 72KV
- **Eric DUTERTRE**, Global Market Director Railways Infrastructure and Rolling Stock
- **Natacha JUSHKO**, Sales and Marketing Director – Southern & Eastern Africa
- **Olivier DERVOUT**, Segment Manager Railways & Power Generation
- **Karima CHERIFI**, HQ HR Director & France HR Coordinator
- **Souhaila DRISSI**, Communication Manager
- **Damien SIMON**, Director Marketing & Strategy - B&T Southern BG
- **Chao LI**, digital Development engineer
- **Sascha SCHAFFRATH**, Manager Sales B&T

A Foundation that shows solidarity in emergency situations and humanitarian crises



On **4 August 2020**, the inhabitants of Beirut were the victims of a devastating double explosion that left a hundred dead and more than 4,000 injured. This was yet another trauma in a bankrupt country, with an already **unstable and weakened electricity network** and a health system saturated by the **Covid crisis**. In addition to the regular power cuts, the devastated areas are **no longer supplied with electricity** and domestic electrical installations are becoming dangerous. Restore immediate and safe access to energy was a priority. In support of "Electriciens sans frontieres" **Nexans** provides **€10,000** to facilitate the delivery of equipment to the field (**generators, portable rechargeable solar lamps, etc.**). In total, **5,000 people** have benefited from this aid, including at least **530 families**.

| Involved and committed employees

The Nexans Foundation encourages its employees around the world to get involved and support the projects of its partner associations.



IECD Morocco and the association «Heures joyeuses» were pleased to welcome to the Bouskoura training centre a team from **Nexans Morocco** which has been supporting the "Seeds of Hope" program since 2014 through the Nexans Foundation. Thanks to a **donation of cables** from Nexans Morocco, the trainees were able to take advantage of **practical workshops** as well as workshops on **job search** techniques. This was an opportunity for these future construction **electricians and electromechanics** to benefit from the valuable advice of professionals in the sector.



TECHO CHILE (Luz al Barrio" project)

On December 23, the **Nexans Chile** Committee participated in the Techo / **Nexans volunteer** programme to carry out an activity to carry out an activity that is meaningful to the community.

The initiative was part of the "Luz al Barrio" project, which is carried out by the Techo Foundation and the Nexans Foundation. The project involved the installation of **18 lights** in different communities from Arica to Punta Arenas. During this day, Nexans Chile employees employees of Nexans Chile took 8 hours to install **5 solar solar street lights** in Villa Maule II in Renca.

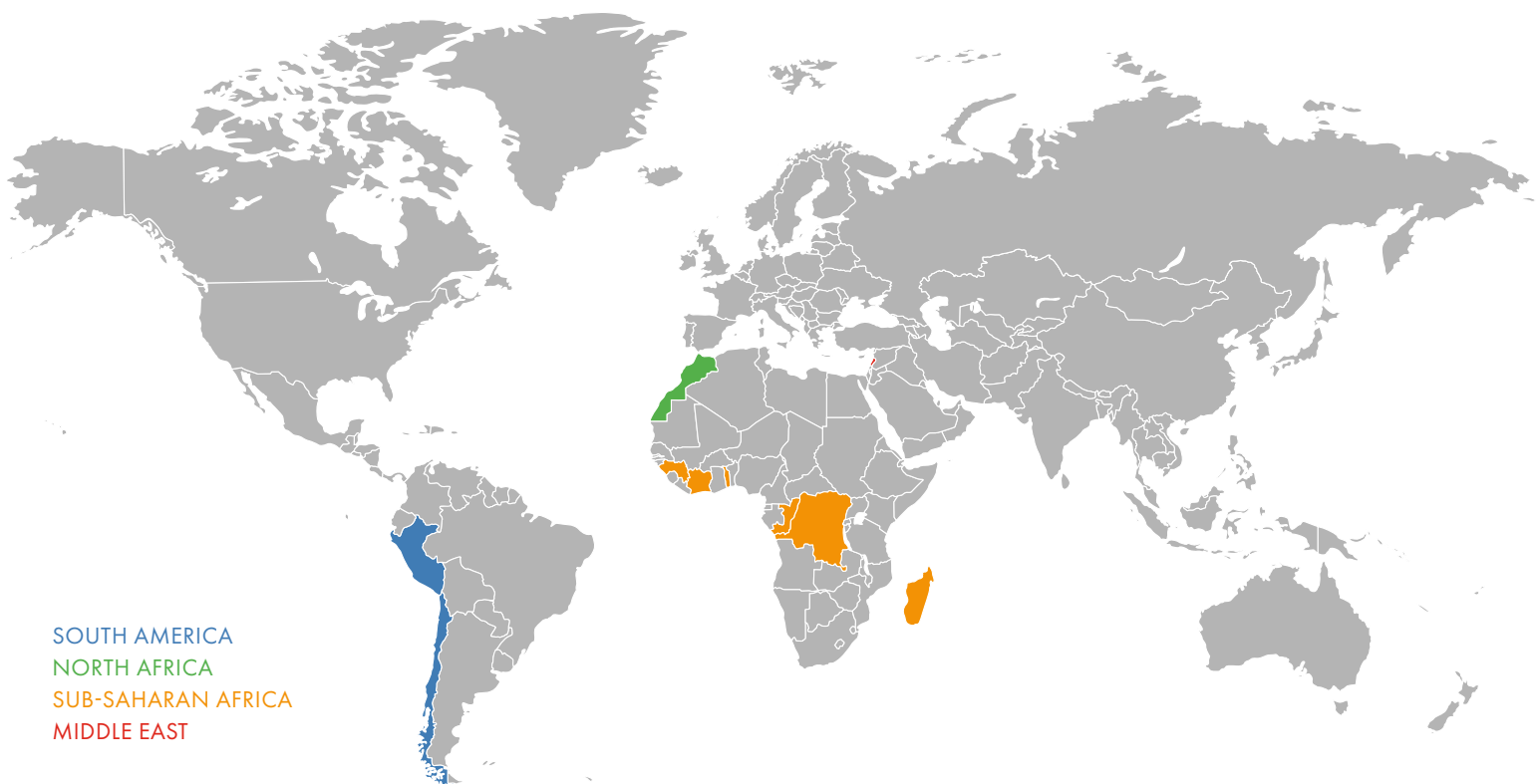
A day full of emotion and good energy!

Our programs in 2020 |

In 2020, the Nexans Foundation supported 12 projects in 9 countries on 3 continents in order to improve the conditions for life of the most disadvantaged.

The main areas of intervention are the following:

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SOUTH AMERICA
NORTH AFRICA
SUB-SAHARAN AFRICA
MIDDLE EAST

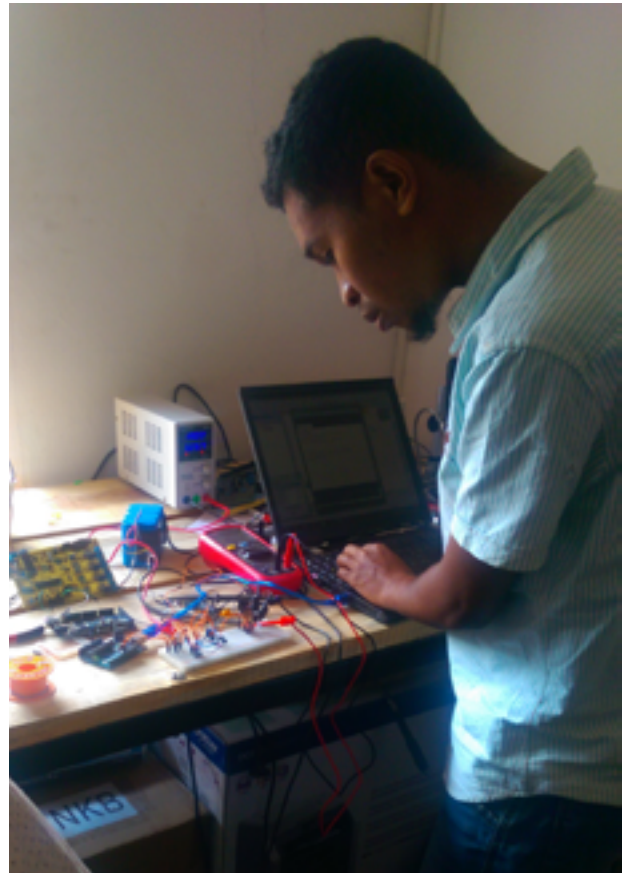
SOCIO-PROFESSIONAL INTEGRATION PROJECTS AND ACCESS TO QUALITY EDUCATION



MADAGASCAR

With "Accesmad" to install innovative photovoltaic systems in 6 high schools and to create a MOOC for training in photovoltaic maintenance.

This innovative project is the result of a collaboration between Accesmad, L'Énergie d'apprendre and JiroGasy, the first African company to produce in Madagascar the photovoltaic boxes needed to transfer energy between the solar panel and the storage battery. In 6 high schools with little or no access to energy, AccesMad installed a computer room with 6 solar computers and integrated awareness-raising and professional training in photovoltaic maintenance, using a MOOC-type format (digital self-training modules). In total, 2000 new secondary school students, 36 science teachers, 6 school heads and 6 computer room managers are benefiting from the photovoltaic computer room and the Educmad media library. The MOOC will also be deployed in the 100 other Educmad member high schools.





LEBANON



MOROCCO



IVORY COAST

With the "Seeds of Hope" project to promote the socio-professional integration of unqualified young people in the energy and industrial sectors in Lebanon, Morocco and Ivory Coast.

The year 2020 was unique for the "Seeds of Hope" program. The schools all closed suddenly, and the teams had to quickly find solutions to maintain educational continuity in often difficult conditions. Everything was done to avoid dropping out and to maintain the positive impact of the program. Training in distance learning was provided to teachers, who were often unfamiliar with the use of computers. Facebook pages and WhatsApp groups were set up to keep in touch with students during the deconfinement periods. Special support was provided to the most vulnerable students to help them pay their fees, top up their phones and offer them remedial courses during the summer.



TOGO

With "Lumières Pour Tous" for the complete electrification of the Tchavadi school in TOGO.

For sanitary reasons linked to COVID 19, the project planned for February 2021 will be postponed to February 2022. The association "Lumières Pour Tous" has been proposing for 10 years to a group of young people from the Lycée J. J. Henner and the IUT of Mulhouse, aged 18 to 20, to create these installations. Complete electrification of the Tchavadi school (village located at a few km from Sokodé) with an electrical energy production obtained by photovoltaic panels. Supply of a water tower, by a solar pump, located in the agro-ecological training centre for organic agriculture, built by CAPTOGO, in Sokodé.

WELL-BEING IMPROVEMENT PROJECTS AND ACCESS TO QUALITY CARE



With "Green Energy for all" and "Energie du Nord-Kivu" to help improve healthcare conditions in Beni, Democratic Republic of Congo.

With infant (6.7%) and maternal (5 %) mortality rates among the highest in the world, the Democratic Republic of Congo is in vital need of infrastructure that provides access to quality healthcare. In Beni, around 50 of the 70 health facilities do not have access to electricity via the grid, hindering the use of basic equipment such as fridges, lamps or incubators. The idea is to connect six hospitals in Beni to the electricity distribution network. Thanks to the construction of a low-voltage line connecting the existing distribution network to each hospital, the latter will have access to reliable and permanent electricity and will reduce their energy bill by a factor of three. Fortunately, the COVID-19 crisis did not impact the roll-out of the project. The hospital connections were all completed on time.





IVORY COAST

With "SHEKINA" to improve the quality of care for the population in Ivory Coast.

The project has enabled the installation of photovoltaic panels in 3 health centers in Côte d'Ivoire that do not have electricity. These are the health centers of BAGOHOUE located in DUEKOUÉ (Guémon region), KOARHO located in TOULEPLEU (Cavally region), GLOPAOUDI located in GUIGLO (Cavally region). These health centers received a total of 30,000 KW of solar energy, providing 17,000 beneficiaries with better access to health care. Thanks to this project, health personnel can now work in better conditions and store vaccines and essential medicines on site. As for the population, they can go to the health centers 24 hours a day. The impact of COVID-19 delayed the project by several months; indeed, the capital Abidjan was isolated to avoid the spread of the virus; it was therefore not possible to go to the west of the country to size the health centers, which caused a lot of delay.



DRC

With "Electriciens sans frontières" to help improve health care conditions in Ishwi.

The project provides electricity to a dispensary equipped with an operating theatre, a maternity ward and accommodation for the medical staff recently built in Ishwi in the Democratic Republic of Congo (DRC). To this end, Electriciens sans frontières has built a 4.5 kWp photovoltaic installation and a distribution system (interior and exterior lighting, sockets). Thanks to this project, the neonatal and maternal mortality rate will be reduced and the number of cases of recurrent diseases will be reduced. Health personnel will now be able to perform X-rays and ultrasound scans. Training for the staff designated by the director of the health centre ensures the first-level maintenance of the facilities.

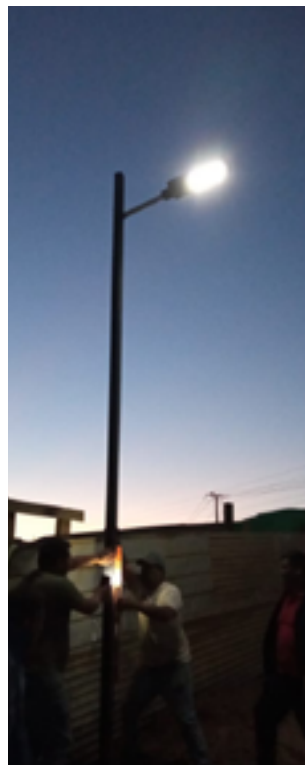
PROJECTS THAT MEET THE NEEDS FAMILY AND CHILDREN'S COMMUNITIES



PERU

With "TECHO-Peru" to build a multi-purpose community centre with a solar energy lighting system.

The multi-purpose community hall benefits the more than 179 families of the community Israel Es El Maestro. Likewise, by being used as a communal pot, it benefits the 65 families who consume in the room. The power supply to the centre meets the community's need for a space for meetings and educational and professional training events. The installation of solar-powered outdoor poles provides a safe play area for children and reduces the sense of insecurity in the street and communal areas. The common pot was born out of the strong effects of the Covid-19 pandemic, and the strong measures put in place by the government, which left many families unemployed and unable to meet their basic food needs. This has given families the opportunity to access quality food.



CHILE

LUZ EL BARRIO with "TECHO-Chile".

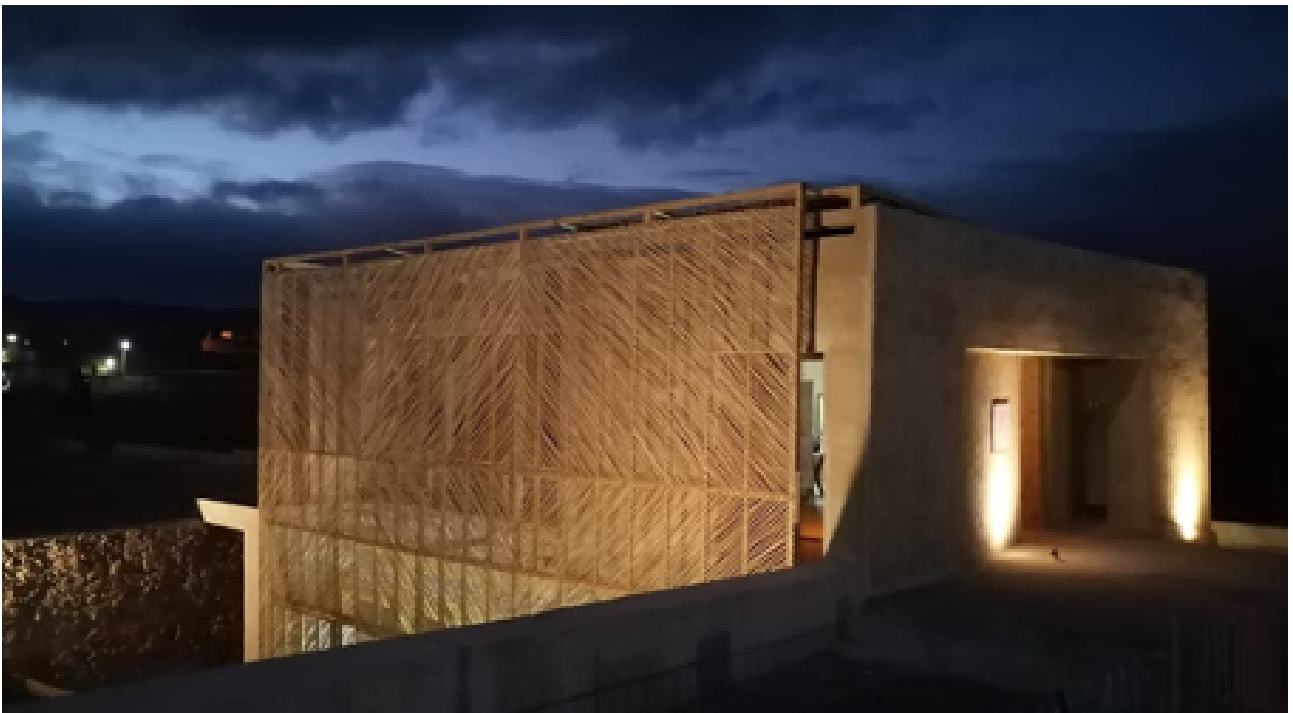
The project includes the installation of 149 public lighting in 32 communities nationwide in excluded communities where TECHO-Chile works permanently, directly benefiting 6,000 people and indirectly around 12,700 people (mainly volunteers and nearby communities). They are a solution to reduce the feeling of insecurity in the street and common spaces. Among the biggest challenges of the project, we found the obstacles that the COVID-19 pandemic entailed: shortage of materials, price increases, delays and difficulty to summon neighbors and volunteers and meet to work in the community. So, the deadlines initially contemplated in the Gantt Chart were extended. Despite these challenges, the project was able to be completed.



MOROCCO

With "GERES" to combat fuel poverty by empowering residents.

This project is an extension of the pilot action supported by the Nexans Foundation for the development of solar electricity and energy management in the municipality of Chefchaouen, and capitalizes on this experience to deploy the methodology used in other territories. The regions of Tangier-Tetouan-Al Hoceima and Souss Massa have volunteered to carry out actions to promote their energy transition. The project is based on concerted ecological planning in these regions, multi-stakeholder mobilisation, energy and climate education for all through the deployment of Energy-Climate Information Services, and the installation of photovoltaic power plants as a case study. The health crisis linked to the COVID-19 pandemic caused a slight delay in the implementation of the project and required adaptability from the teams. The health constraints made it more difficult to hold certain group activities planned indoors, or to bring in participants, particularly for the training sessions for members of the cooperative managing the Climate Energy Information Centre. In order to compensate for these postponements, other outdoor activities were able to continue with the partners.



PROJECTS IN FAVOR OF A SOCIO-ECONOMIC DYNAMIC



GUINEA

With the "Fondation Énergies pour le Monde", alongside the inhabitants of Kataba 1.

There are many decentralised solutions: lamps, SHS (direct sale or PAYG), mini-grids. But none of them consider the diversity of electricity demand in a given area. None of them guarantees the coherence of the service offer, nor the fairness of tariffs, nor the plurality of uses, nor the coverage of the "last mile". The ACTEURS project aims to demonstrate that there is a solution. The project combine the implementation of a pilot demonstrator in a rural commune of Guinea where a test operator has been identified and the formulation of a replication strategy based on this field experience. The results will be shared with all electricity access actors in the North and South, in order to accelerate the scaling up.



DRC

With "Engineers Without Borders" (EWB) to develop a hydroelectric power plant to implement a project that supports local development.

The inhabitants of the island of Idjwi are faced with precarious access to electricity, which limits economic development. To counter this development, EWB has commissioned the power plant with a capacity of 24 kW and built a new electricity network. The industrial campus is currently being expanded to meet the growing demand for fruit juice and fish feed. It employs 15 full-time and over 60 part-time staff. However, the productivity of the campus has decreased due to the pandemic. Phase 2 of the project is to increase the head of water and add a new turbine generator set. This is to increase the power output of the plant (85 kW) and cover the increased energy demand. Despite the epidemic situation, which postpones the construction of the installation, the work continues to provide reliable power to schools and medical institutions in the long term.

HUMANITARIAN EMERGENCIES



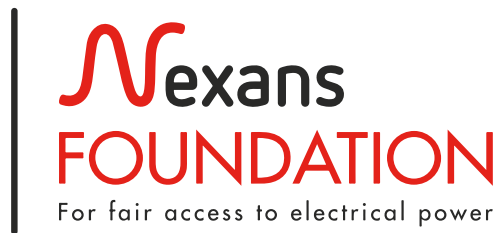
LEBANON

LEBANON EMERGENCY

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Nexans and ten other leaders in the electricity sector made donations to the French Ministry of Foreign and European Affairs' crisis centre and to "Electriciens sans frontières", which was able to send 20 m3 of equipment by air (generators, individual solar lamps, floodlights, cables) to help the most vulnerable people.





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