

Nexans

Foundation

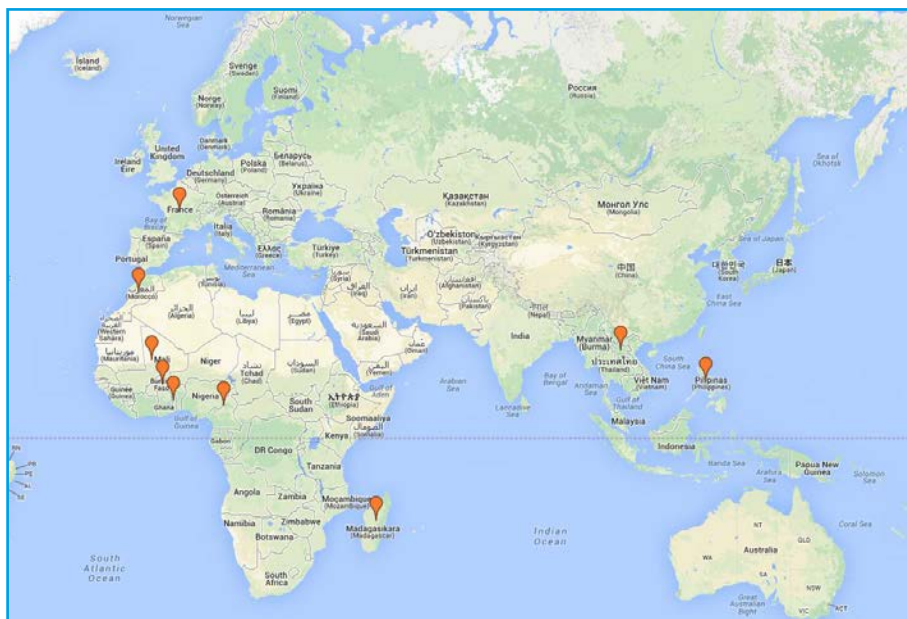


2013 Activity Report

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In 2013, the Nexans Foundation signed project agreements for Burkina Faso, Cameroon, Laos, France, Madagascar, Mali, Morocco, the Philippines, and Togo



▶ Access to energy for all

Editorial



*Frédéric Vincent,
President of the Nexans Foundation
CEO of Nexans*

Nexans' continuous international expansion has made it a logical step to provide a more comprehensive framework for our commitment towards common interest projects. The creation of a Nexans Foundation is a natural development of this commitment; enabling us to provide a considered approach to our international initiatives in this field by making them part of a common perspective.

The Foundation provides a common framework for sustained initiatives, thus supporting Nexans' strategy and, more specifically, our Values.

Today, over 1.3bn people do not have access to energy, and at least 2.7bn are without clean cooking facilities. More than 95% of them live in Sub-Saharan Africa or developing countries in Asia.

It is estimated that 1bn people will still not have access to energy in 2030, and there will be no improvement in access to clean cooking facilities. Through our Foundation, we are committed to bringing electricity to disadvantaged communities around the world, working with local charities on sustainable solutions, thereby answering the UN's appeal issued in 2012.

Following our first call for projects in April 2013, the Foundation's Selection and Evaluation Committee and the Board of

Directors decided to sponsor 10 projects focused on bringing electricity to villages, schools, and training centers in Togo, Burkina Faso, Mali, Morocco, Laos, Madagascar and Cameroon.

In France, the Foundation supports a project to reduce energy insecurity in Isère and in November 2013, in the wake of Typhoon

*“Energy is at
the core of
our work”*

Haiyan in the Philippines, the Nexans Foundation Board of Directors decided to offer a special grant to Electriciens sans frontières to build a sustainable emergency village to house 2,000 people.

Lastly, as part of its partnership with the Palace of Versailles, the Foundation will sponsor in 2014 modeling workshops that will bring together 200 children and adults far from the world of museums. ■

► Organization & Governance

The Foundation includes two bodies:
a Board of Directors and a Selection and Evaluation Committee

The Board of Directors has eight members who are appointed for a term of five years. The Board is composed of 3 colleges: the college of the founding companies, the college of employee representatives and the college of qualified persons.

The Board determines the Foundation's action program. It selects projects requesting funding of 30,000 euros or more and monitors their implementation. The Board of Directors is kept informed of changes to any project whether the funding amount is less than or greater than 30,000 euros. It is planned that the Board of Directors shall meet twice a year and whenever the interests of the Foundation so require.

Main selection criteria

- Each project shall target communities suffering from energy insecurity.
- It shall be based on an assessment of needs on the field, as expressed locally.
- The impact on the communities concerned must be measurable.
- Beneficiaries shall be involved in the project, in the context of a partnership.
- The project shall have concrete goals, ultimately aimed at sustainable results and empowerment.
- The project shall be in line with Nexans' Code of Ethics and Values. It shall respect the human rights.

Membres du Conseil d'Administration

Frédéric Vincent

President of the Nexans Foundation
Chairman and CEO of Nexans

Nicholas Ballas

Executive Vice President Asia-Pacific Area

Anne-Marie Cambourieu

Senior Corporate Vice President Human Resources

William English

Executive Vice President Middle East
Russia Africa Area (MERA)

Bertrand Julian

Wind OEM Sales Manager (Europe)
Employees' representative

Pierre Aliphat (replaced in March 2014
by **Francis Jouanjean**) Member of the

Management Committee of Global
Compact France

Director General for the Conférence des
Grandes Ecoles

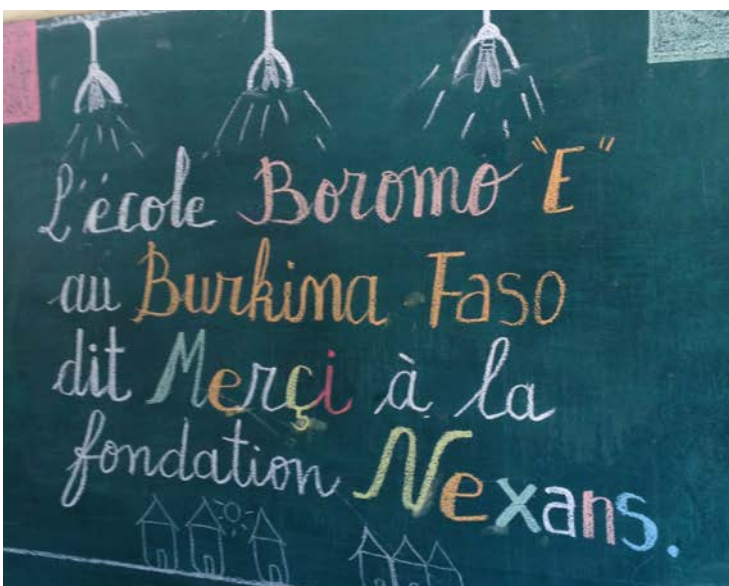
Robert Brunck

Chairman of the Board of Directors of
CGG Veritas

Nexans Administrator

Véronique Guillot-Pelpel

Judge at the Paris Commercial Court
Nexans Administrator



The Selection and Evaluation Committee has eight permanent members appointed by the Board of Directors. It selects projects for which the requested funding exceeds 30,000 euros and which will be submitted to the Board of Directors.

The Selection and Evaluation Committee also selects, by a majority of those present, the projects requesting funding of less than 30,000 euros on the basis of the action program defined by the Board of Directors and presents to the Board of Directors a report listing projects selected in this way. It determines an evaluation and monitoring process for the Foundation's partnerships, programs and procedures.

The Selection and Evaluation Committee meets twice a year and whenever the interests of the Foundation so require.

«Emergency in the Philippines»

In 2013, the year that the Foundation was launched, and following the call for projects issued between April 1st and June 28, 2013, the Selection and Evaluation Committee convened just once. From the 96 projects received in total, the Committee selected eight and preselected six for the Board of Directors. The Board of Directors chose three projects, and in light of the emergency situation in the Philippines following Typhoon Haiyan, decided to offer extraordinary assistance to Electriciens sans frontières to build a sustainable emergency village to house 2,000 people. ■



The Selection and Evaluation Committee

Members of the Selection and Evaluation Committee

Pascale Strubel

Secretary General of the Foundation

Franck Blanchard

Deputy General Counsel

Jean-François Josso

Building specialist

Jérôme Leroy

Vice President Sales

EMEA International Division

John Papin

Industrial Excellence Corporate Director

Vincent Pouillard

Taxes Director

Lei Shi

Strategy & Development Manager

Laurence Vandaele

Group Corporate Social Responsibility Manager

Susie Devaris

Secretary of the Committee



▶ Mali: solar power for schools thanks to **Un Enfant par la main**



The 277 pupils at the Blengoua and Gonido schools can now do their homework at night thanks to solar power

Un Enfant par la Main supports underprivileged children and families in Asia, Africa, and Latin America through child sponsorship programs, but the charity also plays a role in the delivery of micro-projects. This project, supported by the Nexans Foundation, brought electricity to six classrooms in two primary schools in Blengoua and Gonido in Mali. Thanks to the power supply, the schools' 277 pupils are now able to receive academic support in the evening, provided by teachers from around the region. In general, these classes are held three nights per week. The project places special emphasis on the pupils experiencing the most difficulties, or those that are studying for end-of-year exams. On nights when the classes are not running, the classrooms are open to students who would like to take advantage of the lighting to do their homework. The charity chose the decentralized energy solutions (generators and solar panels) that were most suitable and hardwearing. Solar panels are easily maintained and do not contribute to the greenhouse effect, and so five 50W panels were installed in each

school, providing enough energy to power nineteen 10W lights. A management committee was also formed and boasts the skills needed to maintain and protect the facilities. ■

"I'm in the 6th grade in Gonido. All of us at the school are delighted to be able to learn in lighted classrooms."



Mariam Diarra



▶ From Alsace to Burkina Faso with **Lumière pour Tous**

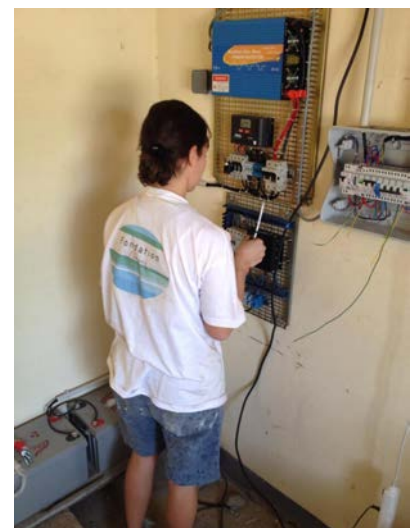


*A 4th school powered
by Lumière pour Tous
in Boromo*

Since 2011, Lumière pour Tous has been sending a group of students aged 18-20 from Jean-Jacques Henner High School (in Illkirch, Alsace) to Burkina-Faso to spend their school holidays fitting complete lighting systems to schools there, especially in the town of Boromo which lies half-way between Ouagadougou and Bobo-Dioulasso. On the agenda for 2014's project, supported by our Foundation, is the complete electrical wiring of an elementary school involving the installation of lights and sockets of three classrooms. Over 30 lights were fitted and wired, then supplied with power from solar panels also installed by the charity. Furthermore, a wind turbine will generate 600W of extra electricity on windy days.

270 primary school pupils, as well as

around 100 secondary school pupils, will be able to study at night: the neighborhood where elementary school is located is not on the grid, so children have no electricity at home. Nine final-year students at JJ. Henner High School carried out the new project, accompanied by three former students who took part in the Boromo 2013 project. They were supervised by four adult instructors, including two electrical engineering teachers. ■





▶ SLCD: people in Foubé will soon be connected to electricity



The village of Foubé is located in Sanmatenga Province, one of the most vulnerable in Burkina Faso. Food insecurity is a recurring threat, even though the region's main industries are farming and livestock. The village of 6,500 presents some real opportunities for socio-economic development although the lack of a modern energy supply is a real handicap. A survey of the potential users of a decentralized electrical grid carried out in November 2012 confirmed the high demand from schools, government, merchants, craftsmen, and households alike. Women were paid special attention in the survey, and expect their incomes to rise thanks to new business activities, such as the sale of fresh products. Foubé will be the third village in the area to receive

decentralized electricity thanks, among others, to the Service Laïque de Coopération au Développement (SLCD), supported by our Foundation.

The project will bring a 110kV decentralized grid online, providing power to 284 service lines: 184 domestic users, 96 businesses, and 4 public bodies. It will therefore help to increase access to a modern and sustainable energy supply that will improve the socio-economic standing of poor rural communities. The network will provide a stable and affordable electricity supply to the people in Foubé-center, creating jobs and incomes, and improving services (health center, schools, government services) via a mini-network in service that uses some of the locally produced biofuel. ■

The generator building in Foubé





▶ Zanrcin benefits from photovoltaic electrification thanks to ESF

Zanrcin is a village with a population of 550 in a rural area, 100 miles East of Ouagadougou in Burkina Faso. The village is known for its extreme poverty and high illiteracy rate (75% among adults). In partnership with the local charity, "Neeb la Taaba", Electriciens sans frontières launched a project to provide electricity to key locations in the village:

- ▶ the school, in order to replace portable battery-powered lights that teachers use when preparing classes, helping with homework, and educating adults;
 - ▶ the youth center, to raise awareness;
 - ▶ the ecotourism concession to make it easier to hold meetings at night time.
- Thanks to this light, from now on children will have suitable conditions for doing their homework, making it easier for them to earn their qualifications. It will also have a



positive impact on literacy programs for adults and adolescents. In general, electricity will increase the appeal of the school and encourage teachers to settle in this rural area. It will also be possible to show awareness-raising films on health issues, education, and careers for young people, as well to charge mobile phones and portable lamps.

Four independent systems made up of solar panels, a storage system, a demand regulator, and lighting were designed to light the premises and indoor facilities. An additional dedicated solar power system for charging mobiles and lamps was given to the youth center. ■





▶ Electricity for Nsem city thanks to ESF in Cameroon



The project falls under the “Café Lumière” program from Electriciens sans frontières in which public/private partnerships are created in order to provide funds for the maintenance and renovation, as part of a rural electricity project that meets specific community needs

Nsem is a town of 10,000, located 180 miles from Yaoundé, Cameroon’s political capital, and there is not a single program that plans to bring electricity to the village within the next 30 years. COSADER, the NGO Collective for Food Security and Rural Development in Cameroon, listed a number of needs that required an electricity supply to this town:

- ▶ the storage of medication and vaccines during vaccination programs,
- ▶ the transformation of agriculture and the ability to store harvests for longer,
- ▶ the emergence of new businesses (milling, carpentry, fashion, sewing, sawmills, etc.).

Electriciens sans frontières has also been asked to install solar panels that will power a business hub, health center, and community center, as well as a solar powered streetlight that will be erected in the village square. The business hub will be home to various professions that generate jobs and resources, and supplying electricity to the village’s public spaces will improve the community’s living conditions (care facilities, schools, and community activities). The hub’s full-time technicians will also be trained to maintain the facilities. COSADER has already established a financial monitoring program for the hub, as well as a recycling plan for photovoltaic components that have reached the end of their useful life. ■



▶ Togo: electrification of the Alédjo training center by ESF

The Alédjo Youth Training Center (in central Togo) has, since 1999, welcomed groups of children and young people from villages and towns in Togo to attend training and development sessions spanning 3-5 days. The center obtained funding for new permanent buildings to replace the straw-covered mud buildings and accommodate around 125 young people. That these buildings would have an electricity supply was a foregone conclusion, so Electriciens sans frontières built electrical facilities that

will make practical and technical vocational training possible (baking, sewing, IT, etc.), as well as powering equipment used to generate income (refrigerators to store food and local farm produce for sale, etc.). Another cornerstone of the project is training young people in how to lead groups of adolescents. The project's desired outcome is an electricity supply to help improve the learning conditions for young people as they leave the education system, most of them from the region, in order to

facilitate their integration into professional life. The village of Alédjo is firmly committed to the Training Center's success, given that it has donated the land that has been used to build teacher accommodations and classrooms, work supported by the Sokode Diocese. The village now wants to expand the electricity supply to the rest of the community. ■





▶ Addressing energy insecurity in France with **Ulisse**



Energy counselors, in professional integration, visit households

It is estimated that in France, between three and four million households suffer from energy insecurity and face real difficulties in obtaining the energy needed to cover their basic needs. Our Foundation chose to support Ulisse, a charity that uses a dedicated mechanism to provide households suffering from energy insecurity with customized support so that they can better control their energy use (electricity, gas, water, etc.). Energy counselors, in professional integration, visit households to perform a socio-technical diagnosis, offer advice, help to install energy efficient equipment, and improve insulation. In 2013, 170 households living in energy insecurity were assessed and 3 energy advisors trained, referred by employment agencies or recruited through the existing energy advisors.

Then they are trained (identifying where the most energy was used, professional conduct, and electrical certifications) and received technical supervision in simulated working conditions. Households suffering from energy insecurity were identified by the project's various partners: collection services, housing associations, social workers, budgetary mechanisms, congressmen, charities, personal assistance services, etc. and they were then put forward for free support.

“Dialogue and Trust”

During household visits they clearly stated their expectations (improved comfort, lower bills, reallocation of housing, the ability to manage energy use, the removal of mold, etc.) before showing the energy advisors around their homes.

The exchange is facilitated by the neutrality of the relationship and the degree of equality between the speakers. There is no judgment on inappropriate use, and the dialogue builds trust because the advisors represent neither the energy supplier, social worker, nor the owner of the property. Households are stakeholders in the advice provided and the installation of equipment. It is a comprehensive support process for the household that leaves the occupant in charge. ■



▶ Morocco: the sun energy with Migrations & Développement



Training in light management

A group of migrants founded Migrations & Développement in 1986 to carry out development work in their home regions: the Moroccan Atlas and Anti-Atlas Mountains, a region affected by a severe drought that began in the mid-1970s. The project, delivered in partnership with the Nexans Foundation, provided solar powered street lighting to the village of Imnach (pop. 250), using environmentally friendly solar panels.

As part of its participative rural development strategy, Migrations & Développement is focusing its efforts on protecting the environment. One of its main approaches is the promotion of alternative energies to improve the environmental quality of the villages it serves.

The project led to the following outcomes:

- ▶ solar powered street lighting in a rural village in Tinzert: 10 solar panels were installed;
- ▶ exchange visits with Khenifra to discuss waste management and recycling and to launch business activities suitable for young people;
- ▶ training for 8 coordinators and 20 charity workers in environmental protection and the fight against climate change;
- ▶ support for rural areas to update at least two joint development plans with a section on the environment with two environmental protection projects. ■



▶ The water energy with Codev Viet Phap in Laos

This project in Laos, supported by our Foundation, has delivered decentralized electricity to isolated villages using pico hydro generators managed by the community itself and local government bodies. Thanks to this project, 120 families have now access to energy. Training was also provided in the Muang May district, in the villages of Ban Hat chanh and Ban Phone xay. Northern Laos boasts hydraulic resources that are underused, yet of considerable volume, for much of the year. Decentralized pico hydro electricity production is an appropriate solution for this region's terrain, as well as having low running costs.

The project more evenly distributes access to lighting and TV among the people of these towns and distant villages, as well as involving the beneficiaries in each village in the project's success by recruiting them to

help install and operate the collective production facilities.



Measurements of the pico-turbine's implementation

Trainees in Ban Hat Chanh





▶ Enfants d'Asie: foster educational success in Laos



The four schools in the villages of ChangVang, Vang Ang, Khokkha, and Namhengtai in Northwestern Laos educate children that have to travel miles to get to school. This means that during the week they stay in group dormitories. The lack of electricity and lighting means that they cannot study or do their homework once night has fallen. In order to promote attendance and educational

achievement among children from isolated communities, as well as to combat illiteracy and educational failure, in 2014, Enfants d'Asie will install solar panels (each with a capacity of 90W) in each of the four schools: an appropriate solution for these villages located at an average altitude of 1500m. The direct beneficiaries of the project are the 2,000 pupils at the schools, and the indirect beneficiaries are the 6,500 families living in the four villages. The villages would like to turn the schools into a meeting place and forum for raising awareness among villagers who have been deprived of an education: initiatives that mostly run at night, making the lack of electricity an obstacle to literacy classes. An electricity supply to the schools will also enable teachers to use advanced teaching aids, such as printers, computers, television, and the internet. ■





▶ Electricity soon provided in 7 localities in Madagascar thanks to Energies pour le Monde

The project, delivered in partnership with the Energies pour le Monde Foundation, will help to reduce poverty in rural Madagascan communities. It will provide reliable and long-lasting solar and wind power to seven communities in Androy and Anosy. 900 domestic users and 20,000 users of social services (healthcare and education) will benefit from this project.

The communities in these regions earn their living from agriculture, livestock, crafts, and fishing. Each community has a few single-story dwellings, a primary school, a dispensary, a town hall, and a well.

Families are currently using candles, oil lamps, and batteries at a cost of €7-10 per month, and the lack of access to electricity is an obstacle to their socio-economic development.

The project will connect these seven communities to the national grid.



The project's steering committee

Permanent access to electricity will benefit:

- ▶ pupils and teachers, with better quality lighting;
- ▶ dispensaries by facilitating work at night and vaccine storage;
- ▶ domestic comfort, especially for women;
- ▶ access to information on the radio, TV, and by phone;
- ▶ launching new or developing existing economic activity, through lighting at night and the use of electrical devices. This access will also make the communities safer thanks to the public lighting. ■





▶ Typhoon Haiyan: emergency aid with ESF

Following the Typhoon Haiyan in the Philippines on November 8, 2013, Électriciens sans frontières and its partner, SOS Attitude, decided to provide enduring assistance to the affected communities.

The two NGOs, which complement each other, had already earned their stripes with emergency action in Somalia, Niger, and Haiti. Their teams arrived on November 11.

Électriciens sans frontières was asked to light emergency tents erected around the Guiuan hospital, partially destroyed by the typhoon: the association then connected the operating room and delivery room. ESF also helped to get pumping stations up and running, provide electricity to local areas, and

install lighting points in various meeting places. The International Organization for Migration and Community Services International asked ESF to provide lighting in four camps for displaced populations from flooded villages. Volunteers brought light to shower blocks and common living spaces, installing generators while waiting for the grid to come back online.

Solar street lights were set up in the camp's meeting places, and the teams also wired 15 wooden bungalows, each able to house 100 people. ■



▶ Discovering heritage at The Palace of Versailles

Sponsored by the Nexans Foundation, the Public Establishment of the Palace, The Museum and National Estate of Versailles had been offering schools in priority education of the Academy of Versailles as well as various organizations targeting groups distant from the world of museums (such as young people in need of social integration, newly arrived immigrants and literacy students) to participate during May, June and July 2014 in educational workshops around two sculpted groups by Pierre Puget - Milo of Croton, and Perseus and Andromeda. In 2013, the Nexans Foundation has enabled casts to be taken of Puget's both masterpieces for their installation back in their original setting at the start of the Green Carpet in Le Nôtre's

gardens. As an extension to this sponsorship action, the Foundation has decided to offer educational workshops. Nearly 200 people had thus the opportunity to discover free of charge the two groups sculpted by Pierre Puget, a major artist during the reign of Louis XIV, and to participate in workshops to try their hand at the technique of sculpture modeling.

These workshops aimed at making both young people and adults aware of the history and heritage of the Palace of Versailles through artistic experimentation.

The workshops were led by professional visual artists who took an educational approach while drawing their inspiration from the statues in the gardens, especially these two sculptures. ■



24 sculpture modeling workshops were held in May, June and July 2014

▶ Contacts

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