

# 2017

Activity report





---

**P. 06**  
DEVELOPMENT  
AID AND  
HUMANITARIAN  
EMERGENCIES

---

**P. 18**  
SOCIAL INCLUSION  
THROUGH WORK  
AND SOCIAL LINKS

---

**P. 26**  
ENVIRONMENTAL  
CONSERVATION  
AND BIODIVERSITY

---

**P. 34**  
STUDENT  
SOLIDARITY  
AWARD

---

**P. 36**  
PROJECTS AND  
VEOLIA SPONSORS



# THE VEOLIA FOUNDATION

The Foundation supports community-oriented, nonprofit projects contributing to sustainable development, in France and abroad.

Its priority areas of action are humanitarian emergencies and development aid, employment and social links, and environmental conservation and biodiversity.

It takes an original approach by having each project

supported by a Group employee acting as sponsor and by encouraging skills sponsorship, which gives its partners - nonprofits and institutions - access to the know-how of its Veoliaforce network of employee volunteers.

Since its creation in 2004, the Foundation has supported more than 1,450 projects and carried out more than 200 skills volunteering missions.





**Antoine Frérot,**  
Chairman and Chief Executive Officer of Veolia  
and Chairman of the Veolia Foundation

## “RESTORE HUMAN HOPES AND LAY THE GROUNDWORK FOR A BRIGHTER FUTURE”

The Veolia Foundation acts on the ground where human misery and the disasters of our world take their terrible toll, as last year’s events illustrated. Once again, the Foundation’s team were called on to protect human beings and nature and support employment. For these are our three fields of action: saving lives in the face of natural cataclysms and those brought about by human error and incompetence; restoring the world’s beautiful but fragile ecosystems; combating precariousness and mass unemployment, particularly where its victims are young people without qualifications.

Whether responding to absolute emergencies after a devastating hurricane in the Antilles, rebuilding after the Iraq war, preventing cholera in Central Africa or helping the long-term unemployed in the Paris region find a way into the labor market, the Foundation relies on its huge network of Veolia employee-sponsors, nonprofit organizations that leverage its resources, and financial backers that support its action. Thanks to these faithful partners, it is able to provide collective solutions that are both better tailored to communities’ needs and serve more ambitious goals.

2017 saw a series of extraordinarily destructive cyclones. Our teams were heavily mobilized on the islands of Saint Martin and Saint Bathélemy, dealing with the ravages of Irma that destroyed vital

infrastructure, and hampered by the great distance from our logistical bases, the region’s geographical remoteness and insecurity. This operation highlights the ongoing changes in the nature of such crises: first their increasing violence and magnitude, requiring us to harness even greater resources and find more robust methods of intervention. There is a change in the scale of crises – and our responses must reflect this change. Secondly, the line between short and long term, between humanitarian emergency and development aid, is becoming more porous: on the one hand, crises tend to persist for longer and, on the other, they jeopardize the success of development actions.

In this difficult situation, the Foundation is focusing on actions where it can bring real added value. This specialization has earned it international recognition in key areas such as humanitarian emergencies and water-borne diseases. It is also acting as a vector to create bridges between business and civil society, notably on the theme of resilience, a crucial challenge today for both cities and companies. By regularly sending its employees on emergency missions following earthquakes, floods or epidemics, Veolia is building a base of battle-hardened experts who can work effectively in extreme circumstances.

What do they strive to do when such tragedies overwhelm the lives of human beings? Never give up, even when all seems lost; innovate to find the most appropriate solution for each individual crisis; be pragmatic, since this is what it takes to act effectively; prepare themselves to ensure quick reaction on the ground; remain steadfast before the unrelenting pressure of events. These are some of the principles guiding the Foundation’s action. And this is how, year after year, it humbly pursues its path in the midst of the great disruptions of the world and the tragedies of our time, restoring human hopes and laying the groundwork for a brighter future.





**Thierry Vandeveld,**  
Executive officer of the Veolia Foundation

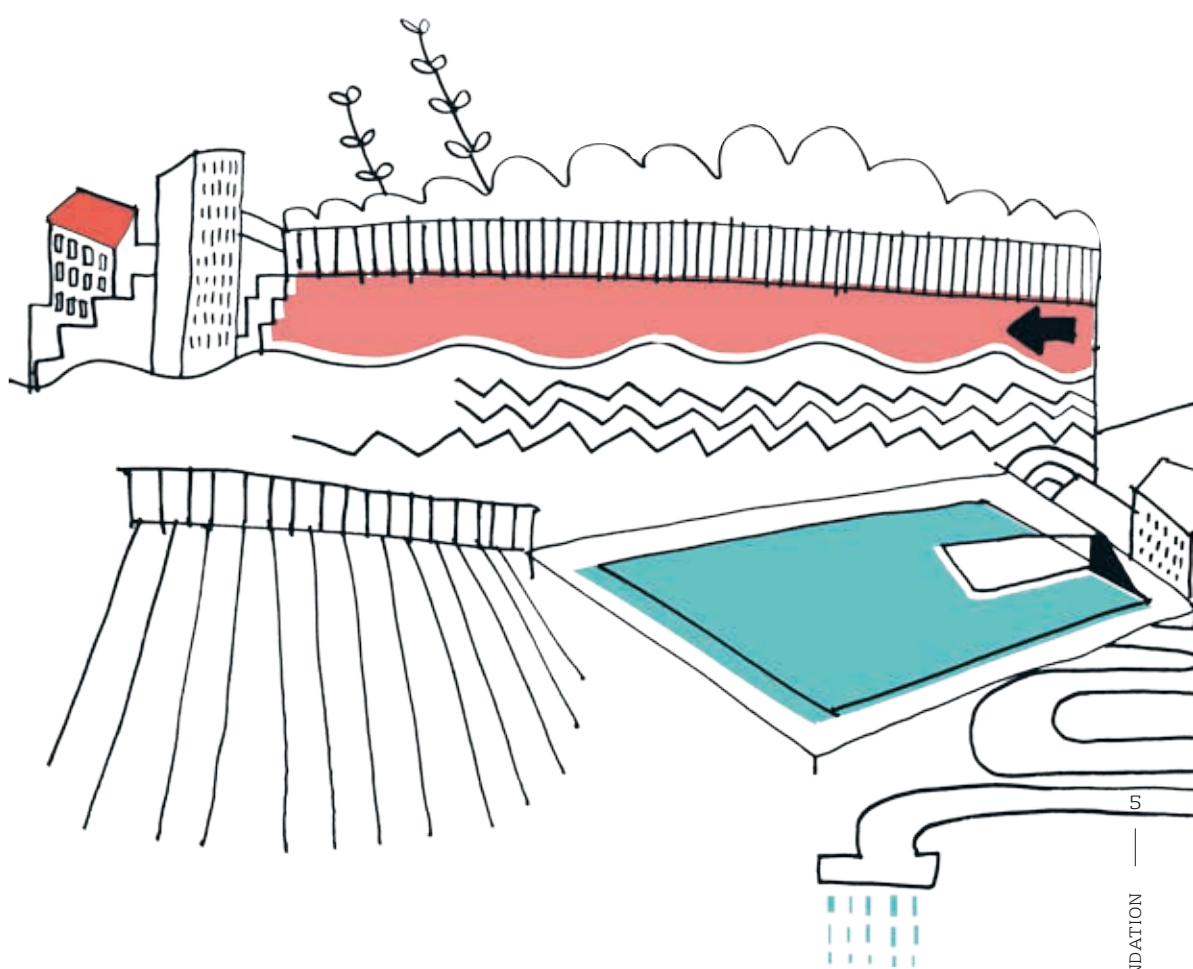
“WE ONLY HAVE  
ONE PLANET  
AND IT IS  
BURNING FOR  
EVERYONE”

**How would you evaluate the action of the Veolia Foundation in 2017?**

The Foundation consolidated its operational dimension in an environment that demands greater engagement every day. We assert our very specific approach, highlighted in 2017 by two major events. First, an extraordinarily destructive hurricane, Irma, which devastated the French Antilles, particular the island of Saint Martin. It called on all our expertise in humanitarian emergencies, and we deployed some 30 Veoliaforce volunteers to support local teams struggling to cope. The second is the renewal, after seven years of hard work, of the multisector plan to eradicate cholera in the Democratic Republic of Congo, with the start of the operational phase to rehabilitate water networks in the town of Uvira, in a region that was one of the eight starting points of the pandemic. This year, more than ever, the model built up by the Foundation over fifteen years, a model based on multiactor partnership combined with the business expertise of Veolia, demonstrated its full relevance and effectiveness.

**Why is this partnership model so effective?**

Because, faced with the impacts of climate disruption, it is, I believe, the only response that strengthens the resilience of human communities. Our network of operational partnerships – with the French Red Cross, Médecins sans frontières, Médecins du monde, the French Defense and Foreign Affairs ministries, the French Development Agency – has substantially strengthened its links on the ground. On Saint Martin, for instance, the Foundation was able to harness the energies of the Red Cross in emergency installation



of water points for the victims of the disaster. In migrant camps in Kurdistan, between Erbil and Mosul, we were asked to train Iraqi Red Crescent volunteers in use of emergency water supply solutions. At the request of the French Defense Ministry, we also provided support for a huge program to improve access to water and sanitation for civil populations in certain areas in North Mali where French army forces are stationed in the framework of the Barkhane operation.

**In 2018, the Foundation is embarking on the last year of its five-year mandate. How do you see things evolving from now on?**

We have successfully completed our road map for this five-year mandate. The Foundation has been working, globally, to serve the Group's stakeholders in a wide variety of domains. Whether in Aubervilliers – where the company's head office is located – through the Cité Solidaire program conducted with the Fondation VINCI pour la Cité to support neighborhood nonprofits working on social links and integration, or, in Angkor, Cambodia, on the Paagera project to restore the water management system of a world heritage site, in partnership with the Vallée de la Bièvre joint sanitation authority. We are definitely well on track to tackle a new five-year plan.

**What is your vision of the Foundation looking to 2040?**

To be sure, artificial intelligence and digitization are key developments. But that does not solve problems of food, energy and pollution. Conversely, in its business activities, Veolia possesses

vital, practical solutions to these challenges of tomorrow, through its stakeholders and the areas in which it works.

In 2040, the Group wants to help feed nine billion human beings, respond to exponentially increasing energy demand and combat new forms of pollution. Here, the Foundation can make a contribution and act as a bridge with potential partners. On the issue of food, it is in contact with urban agriculture and aquaculture networks and involved in the fight to prevent food waste. With the University of Arizona, it is studying the preservation of semi-arid ecosystems on the Biosphere 2 site. In energy, it is contributing, with Nanoé Développement and its nano-networks, to providing universal access to electricity in rural areas of Madagascar. And a number of partnerships are in the pipeline, like the Plastic Odyssey project involving a three-year expedition around the world on a laboratory boat powered only by fuel produced from nonrecyclable plastic waste. Lastly, the issue of pollution is already closely linked to our water and health expertise. We only have one planet, and it is burning for EVERYONE. This means we must devise more collective and inclusive ways of living our lives.





# Development **AID** and humanitarian emergencies

To live well, people need safe drinking water, food and energy. They also need adequate hygiene and access to healthcare to protect their health. The projects supported by the Foundation, its sponsors and Veoliaforce volunteers are designed to satisfy these basic needs, especially for the most vulnerable communities.



---

## UC BERKELEY\*

### ECOBLOCK: A REPRODUCIBLE ECO-NEIGHBORHOOD

How can we devise the neighborhood of the future on a block from another age? This is the challenge of the Oakland EcoBlock program, to transform 28 run-down Californian homes into a high-energy-performance block thanks to intelligent distribution of resources between its residents.

According to Anthony Nahas, researcher at Berkeley University and coordinator of the renovation project, “the traditional American urban development model, based on consumption of infinite resources, must evolve faced with the challenges of climate disruption”. The concept, born from consultation with Nasa in 2013, motivates and brings together the expertise of a collective of academics, engineers, urban designers, social sciences experts, lawyers, private operators and NGOs. Supported by the City of Oakland and the State of California, they trialed a unique model of renovation on the scale of a residential block.

#### A reproducible model

Sustainable and inclusive – including project finance in the form of a “green” bond – EcoBlock also stands out for its reproducible model. By integrating

decentralized generation and local storage of solar energy, recycling wastewater, rainwater harvesting and also shared electric vehicles and urban agriculture, EcoBlock is a model of autonomous housing that can be adapted anywhere – in California and other US States and, why not, everywhere in the world. In Oakland alone, 3,500 blocks could be rehabilitated according to this process, for which the pilot project is expected to start in 2018.

#### Contribution of expertise

The Foundation, asked to provide its know-how in water treatment and recycling, is supporting the development of EcoBlock with Veolia’s 2EI consulting office. “Renovating a neighborhood as opposed to an individual house lets us pool solutions, with cost and efficiency gains,” says Julien Grimaud, head of the 2EI project. “On top of our approach as operator of the urban services envisaged, notably recovery of wastewater, there is the reflection on the viability of these solutions on the appropriate scale.”

**Location:** Oakland, United States

**Sponsor:** Julien Grimaud

**Grant:** €370,000

\* University of California, in Berkeley



## ASOMOCAM

Construction of a borehole and water supply system to serve equipment and residents of a neighborhood in Bafoussam.

**Location:** Bafoussam, Cameroon

**Sponsor:** Cédric Mazoyer

**Grant:** €8,000

## LES ENFANTS DU NDÉ

Extension of the Modeab project that has already supplied water for seven villages in the municipality of Bangangté (200,000 inhabitants).

**Location:** villages of Bangoua and Bangangté, Cameroon

**Sponsor:** Frédéric Plumas

**Grant:** €25,000



## CROIX-ROUGE MONÉGASQUE

### A TRAINING CENTER FOR WEST AFRICA

The Monaco and Burkina Faso Red Cross, the government of Monaco and a group of other partners decided to join forces to build a regionally based, multipurpose Red Cross training center for West Africa in Loumbila (Burkina Faso). The 6-hectare complex, located near the future Ouagadougou international airport, opened its doors at end 2017.

The center, managed by the Red Cross and the Red Crescent, will be a benchmark regional training structure, in particular for first-responders. It could also host events and symposiums since as well as training rooms the complex has catering facilities, sports grounds, a nautical rescue structure, a market-gardening area and a photovoltaic solar farm. An innovative and sustainable accommodation center is also planned. It will charge for these services, which will enable the Burkina Faso Red Cross to earn income to finance

part of the operating costs.

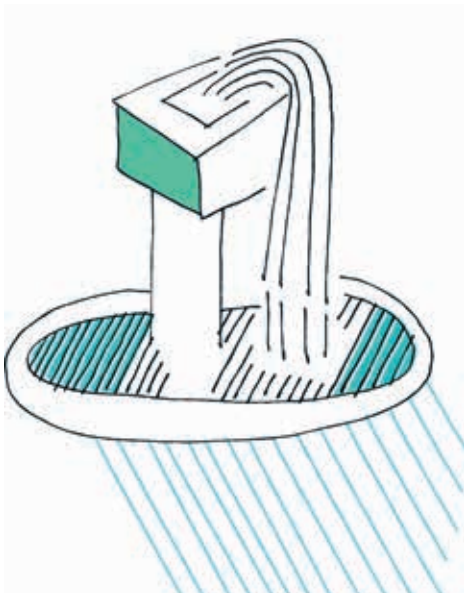
Inspired by the inclusive economy and sustainable development, this new building is the fruit of an upcycling initiative involving reuse of the Monaco pavilion in the 2015 Universal Exhibition in Milan.

Designed according to HQE high environmental quality standards, it consists of an assembly of containers. Contacted by the Monaco Red Cross, the Veolia Foundation provided a financial grant and expertise in water access and treatment, together with wastewater management for the center. A borehole produces enough clean water for the needs of the center – a 40-cubic-meter storage tank and a filtration unit were also supplied.

**Location:** Loumbila, Burkina Faso

**Sponsor:** Manuel Nardi

**Grant:** €170,000



## EMPOW'HER

### AN OASIS FOR WOMEN AND THE ENVIRONMENT

Faced with environmental problems and the enormous challenge of combating poverty and its particular impact on women in Niger, the international nonprofit Empow'Her, which supports female entrepreneurship, decided to take action. With the help of Veolia and the Foundation, it is setting up a space dedicated to societal engagement and the responsible economy in Niamey. Inspired by the Recyclerie in Paris – a center for experimentation involving civil society and the environment – which Veolia has been partnering since it opened four years ago, the Oasis de Niamey has a dual ambition: to support the economic integration of women through entrepreneurship by strengthening their capacities to create and develop perennial, value-generating companies, but also to support women leaders of positive-impact

environmental and maternal health projects, and build the population's awareness of sustainable development issues by helping them understand the issues, discover possible solutions, and play an active role in environmental conservation.

This 1,000-square-meter eco-responsible space therefore focuses on recycling, recovery and vegetalization, like the Paris Recyclerie. It includes spaces for training and collaborative work large enough to host up to 40 entrepreneurs in residence, spaces for fostering creativity and exchanges (projection space, library, etc.) and an ecological vegetable garden that will serve as an educational platform for building awareness of sustainable agriculture. Lastly, the Oasis will foster creation of jobs in Niger, notably through support and training programs aimed at women entrepreneurs.

**Location:** Niamey, Niger  
**Sponsor:** Martine Vullierme  
**Grant:** €180,000

## ESPOIR DES VILLAGES DE SERO

Rehabilitation and upgrading of water supply infrastructure in Sero (20,000 inhabitants).

**Location:** Sero, Mali  
**Sponsor:** Diallo Boh  
**Grant:** €40,000

## BORONU FRANCE-BÉNIN

Continued work on potable water supply infrastructure (boreholes and pumps) for 10 villages in the municipality of Bembéréké.

**Location:** Bembéréké, Benin  
**Sponsor:** Sylvie Petit  
**Grant:** €15,000

## LES MATINS DU SOLEIL

Rehabilitation of four water points between Agadez and Timia.

**Location:** Agadez region, northern Niger  
**Sponsor:** Patrice Fonlladosa  
**Grant:** €10,500







## MÉDECINS SANS FRONTIÈRES

APPLIED RESEARCH AND INNOVATION FOR HUMANITARIAN EQUIPMENT

Since 2012, Médecins sans frontières (MSF) and the Veolia Foundation have been combining efforts through a research and innovation partnership focusing on humanitarian medical action. Aware of the importance of the technical expertise possessed by Veolia, the NGO regularly seeks the help of the Foundation's experts. The goal? Obtain research and innovation support on issues linked to its activities on the ground, in fields close to Veolia's business activities: potable water in emergencies, sanitation and waste management.

In 2018, the program supported by the Foundation will focus more particularly on testing Aquaforce 15,000 in real conditions in the field by MSF teams. This new model in the Aquaforce mobile water production units is designed to supply water for 15,000 people. The tests, conclusive, made it possible to improve the initial design by adapting it to constraints on the ground. A life-size prototype will be tested in a real MSF operation.

The Foundation also supports development of household and community water-filtration solutions. This equipment will be subjected to comparative studies and, depending on the results, operational resources could be trained to use them. In the effluent and sludge treatment sector, tests will be carried out on biological products capable of reducing the volumes of solid waste in latrines used in humanitarian emergency situations.

Lastly, the partnership also includes a training component: the Foundation will support MSF in fostering the cultural change that goes hand-in-hand with innovation and carry out missions in the field to familiarize MSF teams with the equipment made available.

**Location:** World  
**Sponsor:** Thibaut Constant  
**Grant:** €200,000





## 100 000 VIES

### SOAP TO FIGHT MALARIA

Since 2012, the chemical engineer Gérard Niyondiko, founder of the nonprofit 100 000 vies, has been working on a low-cost anti-mosquito soap that would be manufactured in Africa and complies with WHO recommendations. He put together a team and found space in a specialized incubator that works with high-potential social enterprises in Ouagadougou. This anti-malaria soap has to meet several criteria: lasting efficacy, no harmful effects on health and a price acceptable to consumers. The nonprofit is currently developing a prototype of the soap, working on validation of market studies in the first countries targeted, and studying hygiene-linked practices among the beneficiary groups. On this last point, the Foundation will be supporting a study with the Burkina Faso Institute of Social Sciences, which will give the nonprofit the data it needs to adapt the soap to the end-users, together with information that could be used for social marketing of the project.

**Location:** Ouagadougou, Burkina Faso  
**Sponsor:** Damien Machuel  
**Grant:** €17,500

## GEDAT\*

### OPERATION BARKHANE

As part of a partnership with the French Defense Ministry, the Foundation was asked to provide support for a vast program aimed at improving access to water and sanitation for civil populations living in some areas of northern Mali where the French armed forces attached to the Barkhane operation are stationed. This project, carried out in the framework of strengthening civil-military actions, will help improve the climate of security around the forces engaged by France and Mali in the north of the country. A first phase will make it possible to define and quantify the cost of some 10 rapid-impact water and sanitation projects that will have positive effects on peace and development in these regions. The Foundation is relying on Gedat, which specializes in studies, applied research and project management, and which is, most important, one of the few structures capable of intervening in this field in the northern regions of Mali today.

**Location:** northern Mali  
**Sponsor:** Pierre Ascencio  
**Grant:** €40,000

\* Groupe environnement développement et aménagement du territoire

## SOLIDARITÉS INTERNATIONAL

Rollout of an epidemiological monitoring tool to track health-system response to cholera in real time.

**Location:** Democratic Republic of the Congo  
**Sponsor:** Thierry Vandeveld  
**Grant:** €50,000

## ADED\*

Improving water supply for Senou (Bamako district).

**Location:** Senou, Mali  
**Sponsor:** Pierre Ascencio  
**Grant:** €45,000

\* Association pour un développement durable

## AHIMSA FUND

Organization of a forum on improvement of health in poor countries.

**Location:** Veyrier-du-Lac, France

**Sponsor:** Thierry Vandeveldé  
**Grant:** €5,000

## BCI ENVIRONNEMENT

Benchmark of studies carried out by humanitarian stakeholders on the impact of micro-organisms for reducing fecal sludge in latrines used in emergency situations.

**Location:** World

**Sponsor:** Thibaut Constant  
**Grant:** €35,000



## THE LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE (LSHTM)

### SCIENTIFIC EVALUATION OF THE PROGRAM FOR COMBATING CHOLERA IN RDC

The Veolia Foundation has long been engaged in the combat against cholera in the Democratic Republic of Congo (RDC). It brings together the stakeholders, supports the Regideso in building water infrastructure and contributes to scientific monitoring of operations. The program conducted in RDC for ten years now is the subject of a scientific evaluation conducted by a partner of the Veolia Foundation which has been working with it since the origins of the project: the London School of Hygiene & Tropical Medicine (LSHTM).

The school, an eminent member of the UK academic world, has been monitoring the project since its launch to assess its effectiveness. The impact study financed by the Foundation uses the randomized controlled trial (RCT) method based on clusters. The town of Uvira, at the heart of the study, was divided into 16 clusters, with works to improve the potable water network – and hence access to water – carried out separately in each cluster over

a roughly similar period. The works are carried out in random order on a schedule defined by drawing lots. As the works advance, it is possible to evaluate the impact on the incidence of cholera in the clusters having benefited from works to improve access to water, in comparison with control clusters where such works have not yet begun.

The preliminary study conducted in the 2009-2013 period demonstrated the tangible reality of the link between access to potable water and cholera in Uvira. The LSHTM revealed the fact that the Uvira cholera treatment center admitted three times as many patients in the ten days following interruption of potable water production, and that 25.3% of cholera cases were directly linked to falls in potable water production. A prestigious scientific journal, PLOS Medecine (*Public Library of Science Medicine*) referred to these findings. The Foundation is providing continuing support for the LSHTM with ongoing scientific evaluation of the program and works have commenced in Uvira.

Should the findings confirm the preliminary study, they will be a powerful tool of advocacy for structural actions in the field of water to combat cholera.

**Location:** Democratic Republic of the Congo  
**Sponsor:** Thibaut Constant  
**Grant:** €130,000



# SKILLS VOLUNTEERING MISSIONS

## DEMOCRATIC REPUBLIC OF THE CONGO (RDC)

Veolia Foundation experts relayed each other on skills volunteering missions in the Democratic Republic of the Congo throughout 2017. The program to combat cholera conducted by the Foundation in the country completed several important steps leading up to launch of the infrastructure work. A quick look at the chronology of events in 2017.

### FEBRUARY 2017

All the partners involved in the water access infrastructure rehabilitation project meet in Kinshasa, capital of the RDC, for official signature of the works contract by Regideso, the Congolese water authority.

The signing marked the close of a studies phase coordinated by

the Foundation. With its support, Regideso drew up a master plan for rehabilitation and extension of Uvira's potable water infrastructure. In 2013, the Agence française de développement (AFD) and the European Union (EU) agreed to fund implementation of this program.

Several steps were then defined to ensure satisfactory execution of the works: rehabilitation and extension of the distribution network, construction of a high-capacity reservoir, and, lastly, doubling the plant's production capacity.

In 2016, invitations to tender were issued to carry out the works, ensure follow-up, carry out audits and start to structure community practices around future water access arrangements. After analyzing the bids, Regideso decided to contract the works to

The Arab Contractors.

### OCTOBER 2017

On October 18, 2017, the first stone was laid during a ceremony bringing together the Veolia Foundation's Executive Officer, Clément Mubiayi Nkashama, Executive Director of Regideso, Alain Rémy, French ambassador to the RDC, and Claude Nyamugabo Bazibuhe, governor of South Kivu province.

This was followed by the start of works to develop, rehabilitate and expand potable water infrastructure in the town of Uvira (South Kivu). They give concrete form to the ambition of the Veolia Foundation and its partners to ensure that access to water will curb development and resurgence of cholera in this part of the Great Lakes region of Africa.



**Front, left to right:** Jacques Mukalay Mwema, then Managing Director of Regideso, and Hassan Hassoun, Managing Director of The Arab Contractors RDC.

**Back, left to right:** Marco Parolin, Head of the infrastructure section at the European Union Office in the RDC, Jean-Christophe Maurin, AFD Director for the RDC, Thierry Vandeveldt, Executive Officer of the Veolia Foundation, and Cheikh Fall, current Central Director with Regideso.



Clément Mubiayi Nkashama, current Managing Director of Regideso, Alain Rémy, French ambassador to the RDC, and Claude Nyamugabo Bazibuhe, governor of South Kivu province.



## PHILIPPINES

### DRAWING UP AN INVENTORY OF ENVIRONMENTAL AND HEALTH ISSUES IN A MANILA SHANTYTOWN

**AUGUST 2017**

The Veolia Foundation's partnership with Médecins du monde (MDM) reached a new milestone this summer. After a huge program aimed at protecting informal WEEE recyclers conducted in Manila until 2016, a mission was carried out last July in a shantytown in the country's capital. MDM had identified a specific district for drawing up an inventory of environmental and health issues. Three Veoliaforce volunteers traveled to the country to share their expertise in water, air, sanitation and waste management.

Analyses were carried out on the water consumed in households, and on the air inside and outside homes. Lastly, the mission looked at potential improvements to be made in the garbage collection and sanitation systems.

The findings of this expert mission enabled MDM to put together a new project that will study how the degraded environment of this shantytown at the heart of a growing megacity impacts the health of its inhabitants.



## BURKINA FASO

### PREPARING FOR THE OPENING OF A FIRST AID TRAINING CENTER

**SEPTEMBER 2017**

In Loumbila, a rural municipality near the capital of Burkina Faso, a Foundation expert undertook a mission to prepare for the opening of a training center. The center, a project led by the Monaco and Burkina Faso Red Cross, will become a regional benchmark: it will host first responder training and will also monitor the vulnerable people receiving training in restaurant and hotel services in the complex. The expert drew up a first inventory on the infrastructure required to open the center at the beginning of 2018. The Veolia Foundation provided its know-how in access to water and wastewater treatment and management.



## HAITI

### A NEW MISSION WITH MSF

**FEBRUARY 2017**

In the framework of its innovation and research partnership with Médecins sans frontières (MSF) aimed at allowing the NGO to improve its environmental footprint, the Foundation sent a team of volunteers to Haiti in February. A campaign was launched to analyze wastewater treatment systems in three Port-au-Prince hospitals managed by MSF. It will enable validation of the field analysis methods pre-defined with emergency medical staff and compare the effectiveness of the different effluent treatment processes. In future missions, MSF will be able to rely on quality benchmarks for treatment of the wastewater produced by its activities.



IRAQ

## TRAINING IRAQI RED CRESCENT VOLUNTEERS

### APRIL 2017

The French Red Cross delivers training to Iraqi Red Crescent volunteers in a camp near Erbil set up to host Mosul residents fleeing the combats. It asked the Veolia Foundation to help it develop its expertise in water supply and sanitation facilities in emergency situations. Some 15 Iraqi volunteers were trained at the beginning of June by two permanent Foundation staff in installation, operation and maintenance of mobile Aquaforce-type water treatment units.



### Training for new employee volunteers

At end May, 25 Veolia employees attended a three-day training session near Le Mans. Under the supervision of the Foundation team, they learned how to assemble and install Aquaforce 2,000 and 5,000 units. These Veoliaforce volunteers, men and women (plant operators, operations agents, business engineers, QSE officers, automation experts or project advisors) are employees of Eau et RVD France, Veolia SA, Veolia Water Technologies, OTV and, Group Research & Innovation units.

### Renewing the Veoliaforce emergency intervention equipment

In the framework of its humanitarian emergency missions, the Foundation regularly provides the equipment and materials – pumping, analysis, water storage and treatment equipment – required to accomplish its missions. To preserve its capacity to react fast in emergencies, it maintains a permanent stock of ready-to-go equipment. In 2017, the Foundation decided to supplement this stock with 10 Aquaforce 20,000 potable water units and several Aquaforce 15,000 units, along with potable water and wastewater analysis kits.

**Grant: €420,000**





## SAINT MARTIN

### HURRICANE IRMA: EXCEPTIONAL MOBILIZATION

**SEPTEMBER, OCTOBER,  
NOVEMBER 2017**

Water production and distribution gradually returned to normal on Saint Martin after the passage of Hurricane Irma, which devastated the French Antilles in September 2017. The Foundation's expertise in emergency situations and the mobilization of its Veoliaforce volunteers supplemented the work of Veolia employees for over two months to restore access to water for the population.

The Foundation responded immediately to the emergency, notably as concerns the interruption of water production due to the destruction of local plants. A mobile desalination unit was also sent from Spain to Guadeloupe in an Antonov military airplane. The Foundation's experts then relayed each other without interruption to organize loading of the 34-metric-ton unit on barges, unloading operations and acceptance and commissioning on the island. Apart from emergency water production, Foundation experts worked on water distribution in Saint Martin. Several Veoliaforce volunteers, working at the Foundation's equipment

storage warehouse in Massy and on the island, handled dispatch and reception of 10 metric tons of equipment.

Thanks to these pipe connections, distribution ramps, flexible tanks and other water storage and distribution equipment, 12 fixed domestic water distribution points were installed and managed by the Red Cross. Painstaking work was then undertaken to repair the distribution network, search for leaks and put connections back into service. Rotating teams of Veoliaforce volunteers then intervened - upward of 30 volunteers were mobilized - in support of local teams.

### A solidarity fund

More than 500 Group employees responded to the call for donations launched by the Veolia Foundation after Hurricane Irma. More than €30,000 were collected and matched euro for euro by the Foundation. A budget of €10,000 will guarantee tracking of projects on the ground. All the donations collected will be used to finance emergency and outreach programs and the reconstruction work supported and accompanied by the Foundation.





## A HIGH POINT IN THE LIFE OF AN ENGINEER



Émilie Bancel,  
in Saint Martin

Émilie Bancel sees solidarity as a link between her job and her humanitarian engagement. **“When you know you can help a population confronted by a natural disaster, you don’t hesitate to go for a second,”** says the young engineer, who works for Sidem<sup>(1)</sup>. Her specialty – design and commissioning seawater desalination plants to produce potable water – is a key competency that has led her to participate in emergency missions in Zimbabwe, Haiti and Iraqi Kurdistan.

After the passage of Hurricane Irma, her expertise was very valuable. As a volunteer for the Foundation’s Veoliaforce network, she worked on rehabilitation of potable water plants, installation of disinfection systems and training local operators.

When the ravages caused by Irma on the island of Saint Martin became known in September 2017, Émilie Bancel immediately made herself available to accompany the mobile seawater desalination unit sent by Veolia. With no sources of freshwater, the little Antilles island depends 100% on this technology to provide its residents with potable water. On her arrival, the engineer was horrified by the scale of the damage. Devastated by the

hurricane and threatened by substantial health risks, Saint Martin had urgent need of a water supply. **“Between immediate help for the population and putting the water production plant operated by Veolia back into service, we were facing a double challenge,”** explains the volunteer.

Given that it takes three days to install the equipment sent by airplane, time was of the essence. Émilie Bancel and her colleagues worked tirelessly to install a unit with the capacity to treat 600 cubic meters of seawater every day: **“around 17 liters per day per person for the 35,000 inhabitants of the French side of the island,”** she explains. The desalination unit, set up next to the potable water production plant heavily damaged by the hurricane, can provide additional water to supplement the existing installations, which have now recovered their maximum capacity.

For Émilie Bancel, her involvement will remain in her mind as an unusually intense experience. Placing her professional skills at the service of people in distress is a high point in the life of an engineer.

(1) Veolia Water Technologies subsidiary with leading-edge expertise in seawater desalination, thermal and reverse osmosis membrane technologies.





# SOCIAL INCLUSION

through work and social links

Work provides dignity and independence and gives meaning to people's lives. The Foundation supports initiatives and structures helping people who have dropped out of mainstream society return to work: nonprofits and enterprises running subsidized employment schemes and projects that offer training and mentoring or that help strengthen social links. Each of these projects is supported by a Group employee acting as sponsor.





---

## ACTA VISTA

### BUILDING TO REBUILD YOURSELF

The Marseille-based nonprofit Acta Vista, a subsidiary of the SOS group, Europe's largest social enterprise, has made conservation and restoration of outstanding heritage sites in the region a key activity for fostering integration through work.

Since 2002, Acta Vista has made sustainable integration through work its core business. Between its activities as company consultant and in assistance, project engineering and management and work-integration projects, it has specialized in conservation and rehabilitation of outstanding heritage sites in the PACA region, in Val de Loire and in the Luberon and wants to give new life to apprenticeship through this activity. It organizes work-integration projects and professional training for heritage jobs. The people it serves learn skills on prestigious buildings and monuments with the goal of finding a permanent place in the labor market. After completing the apprenticeship cycle, the young people involved can apply for the professional qualification of skilled heritage restoration mason, assessed and certified by the Architecture, Urbanism

and Environment Council. Supported by the Foundation since 2008, Acta Vista has ramped up projects and subsidized employment schemes: restoration of the fortin de la Cride, a 17th-century military complex, construction of a noria (traditional irrigation installation) and a training organization. Several years ago, the City of Marseille asked the nonprofit to restore the Caroline Hospital on the island of Ratonneau in the Frioul archipelago. This long-haul project has already employed many young people on subsidized employment schemes. They worked on reinforcing seven of the hospital's 12 pavilions and have completed restoration of one of them, the Chevalier Roze pavilion. In 2017, with the aim of ramping up its activities, the nonprofit set itself the goal of recruiting and training 100 or so people with no access to employment. It also wants to set up operational links with Veolia to foster recruitment of its employees on completion of their subsidized-employment cycle.

The Foundation's grant is coupled with the support of Veolia teams in South east France, notably to upgrade the individual safety skills of the employees involved.

**Location:** Marseille, Bouches-du-Rhône  
**Sponsor:** Hervé Pernot  
**Grant:** €80,000





## EMMAÛS DÉFI

### DIY TO MOVE BACK INTO MAINSTREAM SOCIETY

Emmaüs Défi is a social innovation laboratory that seeks the best solutions for combating exclusion and enabling each individual to find a dignified place in society. Its action is based on subsidized schemes that use employment as their main driver. The employees on these schemes are gradually helped to find mainstream jobs through various activities linked to collection, sorting, recycling and sale of second-hand objects in its two stores in the 19<sup>th</sup> arrondissement of Paris – the 104 and the marché Riquet.

The carpentry workshop helps employees familiarize themselves with DIY and woodworking activities and gain access to training programs delivering qualifications in this field. The Foundation's grant enabled the nonprofit to buy specialized tools and machines (sanders, cutting machines, routers, all types of grinders, angle grinders, circular saws, thermal strippers, bench grinders, welding stations, etc.) essential for its activities.

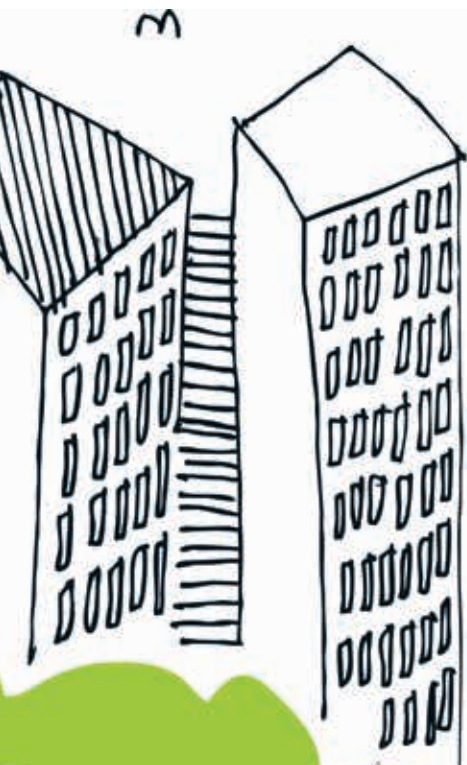
**Location:** Paris, 19<sup>th</sup> arrondissement  
**Sponsor:** Fabienne Pioletat  
**Grant:** €25,000

## APCDS

### DONATION BOXES

After launching a network of neighborhood concierge service outlets in Paris, the Comptoir des services (APCDS), better known under the name of "Lulu dans ma rue", is launching a project catering for the most vulnerable people. It involves installing "donation boxes" in buildings and gives people living in the street an opportunity to find gainful employment by collecting the contents and delivering them to nonprofits acting as relays. Apart from the Foundation's grant, the project will benefit from the support of Veolia Recyclage et Valorisation des Déchets (RVD) to design the boxes and structure the collection logistics. The initiative should help raise awareness of the action and encourage citizens to contribute actively to creation of a professional activity for the most vulnerable people.

**Location:** Paris  
**Sponsor:** Pascal Peslerbe  
**Grant:** €150,000 over three years



## ÉNERGIE JEUNES

### DEVELOPING PERSEVERANCE AT SCHOOL

Énergie Jeunes, a nonprofit approved by the French Education Ministry, has been working to promote the success of junior secondary students in less privileged neighborhoods since 2009. In close collaboration with teachers, the nonprofit has worked to improve perseverance at school for tens of thousands of young people. It has designed a three-year educational program to develop students' engagement and self-discipline at an age where school drop-out is rampant. The interventions are adapted to each level and follow a precise, three-step process that allows each student to define a specific personal engagement and keep to it. The Foundation's support will allow more than 3,000 young people from several establishments in Aubervilliers and Plaine Commune to benefit from the program. Volunteer Veolia employees have been trained to intervene in the schools alongside members of the nonprofit.

**Location:** Plaine Commune, Seine-Saint-Denis  
**Sponsor:** Jean-Marie Lambert  
**Grant:** €60,000 over two years

## INSTITUT TÉLÉMAQUE

### RESTARTING THE SOCIAL ELEVATOR

The Institut Télémaque works to guarantee equal opportunity by detecting brilliant, motivated students from underprivileged backgrounds and helping them continue their studies to baccalaureate level. Thanks to a partnership with companies, it offers the students selected the opportunity to be supported throughout their studies by a member of their school's teaching team, and by a volunteer company employee acting as a mentor. The Foundation has been supporting Télémaque financially since 2009, coupled with the engagement of volunteer employee mentors. In 2017, it renewed its participation in the program and will be supporting 13 young people over a two-year period.

**Locations:** Île-de-France and Lyon  
**Sponsor:** Brigitte Durand  
**Grant:** €35,100



## DIALOGUES

Installation of an alternative space in the form of a nonprofit café in the city center, to create social links and foster social and professional inclusion of the most vulnerable people.

**Location:** Grenoble, Isère  
**Sponsor:** Éric Aguila  
**Grant:** €25,000

## LA RONDE DES QUARTIERS DE BORDEAUX

Creation of a service for collecting boxes and delivering cold products in the city center with people on subsidized employment schemes, using electric vehicles to reduce noise pollution and CO<sub>2</sub> emissions.

**Location:** Bordeaux, Gironde  
**Sponsor:** Bertrand Auneau  
**Grant:** €18,000

## LA MAISON DU CONTE

Installation, in the Maison du Conte center, of a rehearsal room with sound and lighting equipment to facilitate the training and professionalization of storytellers.

**Location:** Chevilly-Larue, Val-de-Marne  
**Sponsor:** Didier Courboillet  
**Grant:** €10,000

## CRÉAQUARTIER

Creation of an educational space to host and develop the innovative training activities of a nonprofit that welcomes young people who have dropped out of school.

**Location:** Paris, 19<sup>th</sup> arrondissement  
**Sponsor:** Sonia Ouldali  
**Grant:** €20,000



## IDS\*/PAGABAGS

Continued development of an equitable, ecological activity employing women in Burkina Faso based on creating fashion accessories from recycled plastic bags.

**Location:** Ouagadougou, Burkina Faso  
**Sponsor:** Boris Efremento  
**Grant:** €35,000

*\* Initiatives de développement stratégique*

## IECD\*

Reorganization of a management training program aimed at small entrepreneurs in developing countries.

**Location:** developing countries  
**Sponsor:** Philippe Capron  
**Grant:** €11,500

*\* Institut Européen de coopération et de développement*

## A. B. CURNET\*

Continued development of waste collection and composting activities to promote social and professional integration for women affected by the AIDS virus.

**Location:** Ouagadougou, Burkina Faso  
**Sponsor:** Boris Efremento  
**Grant:** €20,000

*\* Burkina Faso nonprofit engaged in waste removal and cleaning*

## ITD\* MONDE

### TRANSFORMING POTABLE ALCOHOL INTO A HEALTHCARE PRODUCT

In Madagascar, ITD Monde will be launching an initiative to transform low-quality potable alcohol produced by a rural cooperative into denatured medical alcohol for sale to healthcare centers. The nonprofit has to carry out adaptation work on the production building and equipment, conduct equipment tests and set up procedures for profitable operation. The materials required for production, notably fuel, will have to be purchased and stored. The activity will also be a way of building the population's awareness of the dangers of over-consumption of alcohol. This project, supported by the Foundation, will also help develop an economic activity while improving the region's health environment.

**Location:** Sahambavy, Madagascar  
**Sponsor:** Pierre-Joël Philibert  
**Grant:** €40,000

*\* Intégration Territoire Développement*



## PASSERELLES NUMÉRIQUES

### A PASSPORT FOR LIFE

Passerelles numériques, a nonprofit set up in Phnom Penh (Cambodia) in 2005, expanded its activity and set up branches in Cebu (Philippines) in 2009 and subsequently DaNang (Vietnam) in 2010. It offers a three-year training program to young people from very underprivileged backgrounds. To respond to the needs of the very dynamic IT sector in these countries, Passerelles numériques trains its young people to become programmers. Alongside theoretical and practical learning, the nonprofit supports them on the educational and human level by taking charge of issues linked to accommodation, health, personal development and support for finding a job.

The Foundation provided a grant for the class of 2017 (132 young high-school graduates without resources from provinces in the center of Vietnam).

**Location:** Da Nang, Vietnam  
**Sponsor:** Georges Germa  
**Grant:** €20,000

## CIAS\* CAP SIZUN

### SOCIAL INTEGRATION THROUGH THE ENVIRONMENT

Since 2004, CIAS du Cap Sizun has been managing several subsidized employment schemes, one of which focuses on the environment. Some 40 job-seekers participate in this program, which provides technical education, targeted social and professional support and a personalized training plan. They learn how to trim hedges, mow lawns and create flower and shrub beds. To facilitate transportation to the different projects, including the 4-hectare green spaces of Cap Sizun, the nonprofit has acquired a new van, thanks to a grant from the Foundation.

**Location:** Cap Sizun, Finistère  
**Sponsor:** Marc Le Bodo  
**Grant:** €15,000

\* Centre intercommunal d'action sociale

## LA CLOCHE

### "INCLUSIVE" BISCUITS

Since its creation in 2014, La Cloche has pursued its mission of setting up projects that rehabilitate the image of the most vulnerable people. For instance, the nonprofit launched Le Carillon to support homeless people in Paris. In 10 arrondissements in the capital, 250 shopkeepers undertook to propose different types of services to homeless people in their neighborhood: recharging mobile phones, sending mail, access to toilet facilities, donation of unsold goods, etc.

In 2017, La Cloche was keen to go further by setting up a subsidized employment scheme that will offer homeless people a gradual return to work. An "inclusive biscuit factory" was set up where they can make and distribute their production, thereby acquiring key skills (know-how and life skills) for a return to employment: teamwork under strict hygiene conditions and standards, managing the logistics related to production, coordinating the distribution network, etc. The Foundation contributed to acquisition of the equipment for producing the biscuits.

**Location:** Paris  
**Sponsor:** Khalil Ababou  
**Grant:** €10,000



## AGOIE\*

### A SUBSIDIZED EMPLOYMENT SCHEME TO RESTORE A WOODED AREA

Agoie, a nonprofit working for the social and professional integration of young people, uses a number of different levers to build its employees' integration pathway. After working in a subsidized employment scheme based on secondary construction trades and using eco-construction techniques, it is putting a new team of employees together around a big project to restore the bois de Boissy in Montigny-lès-Cormeilles. Thanks to a grant from the Foundation, it is acquiring a second dump truck, essential for carrying out its different projects.

**Location:** Montigny-lès-Cormeilles, Val-d'Oise  
**Sponsor:** Xavier Metteil  
**Grant:** €15,000

\* Association pour la gestion d'outils d'insertion par l'économique





## PRIDE IN THE WORK ACCOMPLISHED: A DRIVER FOR BUILDING THE FUTURE

**Vincent Nicollet,**  
Managing Director of Acta Vista



A prestigious platform to foster integration: this is what Vincent Nicollet, Director of Acta Vista, believes in and has achieved thanks to virtuous collaboration between the work-integration structure, companies and local government.

### What path did you take to go from ESCP to Acta Vista?

I first took a rather “conventional” path, which led me from business school to strategic consulting. I then wanted to try a more operational job with a smaller company. I discovered the crucial challenge of the place occupied by the men and women working in this company. For ten years now, I have been involved in the field of social innovation. I was impressed by Acta Vista, having developed a strong belief that we needed to develop a prestigious platform for training and inclusion. Two convictions underpin Acta Vista’s special position: the first is to entrust work on heritage buildings to people in difficulty, with pride in the work accomplished acting as a driver for building the future. The second conviction is hands-on training: Acta Vista employs these

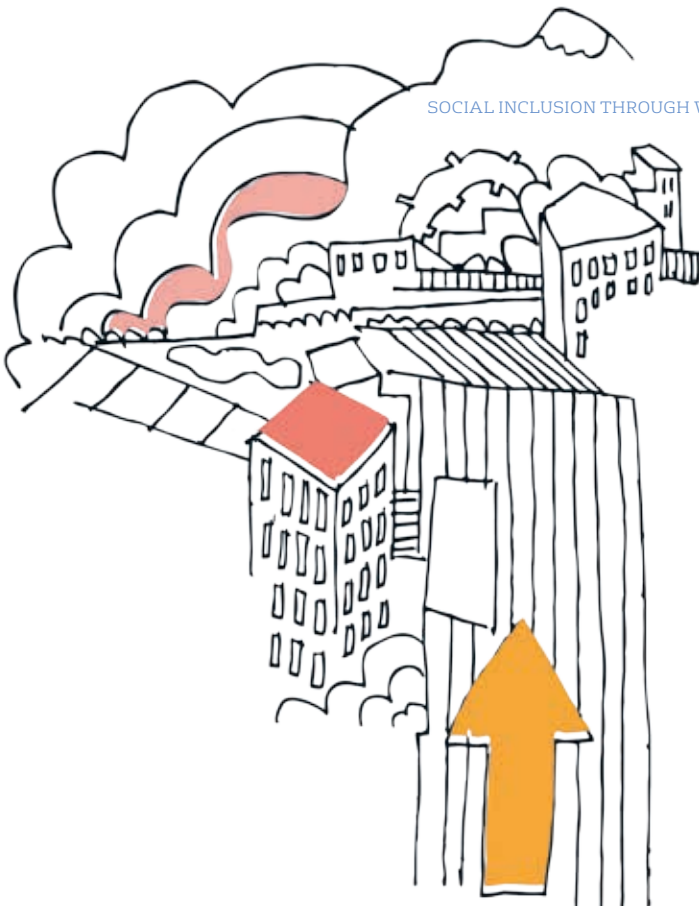
people so that they can obtain a qualification based on on-the-job training in a real work situation, which rehabilitates the intelligence of manual work. Studies have proved that people undergoing this type of training retain 90% of what they have done. And 90% of our employees successfully pass their exams (Level V, equivalent to the CAP trades qualification).

### Acta Vista trains 450 people a year. What happens to them afterwards?

Two out of three find a job. Half of the successful graduates find work in the building sector; the other half in a wide variety of sectors including personal services, logistics, industry and security. Acta Vista positions itself as a recruitment solution for jobs that do not require high-level qualifications. We know the strengths and weaknesses of each employee and we forge a constructive relationship between the employee, the integration project leader that supports him or her, and the company that recruits them.

Acta Visa is an integration through work nonprofit that implements local projects





bringing together local government and companies and civil society stakeholders. Around the structure made available by the local authorities, we recruit and train people as a function of the needs of the companies that recruit them, which commit, alongside Acta Vista, to making restoration of this built heritage a real driver of social, economic and cultural development that also raises the profile of the region.

We have a strong partnership with Veolia and the Veolia Foundation that operates on a long-term objective. It is materialized by significant financial support, meetings with Veolia's operational teams, and company visits in its water and waste management subsidiaries. A next step would be to create dialogue with the Veolia Campus to work together on engineering of hands-on training.



**“Giving people a chance and supporting them”**

**Hervé Pernot,**  
 Director, Traitement  
 et Valorisation des Déchets,  
 PACA region

Through Acta Vista, Veolia has access to people who on top of their manual and technical skills know how to learn or relearn and adopt the life skills needed to work in a team. There are synergies in two job areas, boilermaking and maintenance in the broad sense: to cut stone accurately to a clearly defined angle or maintain industrial equipment correctly, you need the same delicacy and concern for precision work. Veolia recruits former Acta Vista employees on a case-by-case basis depending on

opportunities. We don't have a quantitative goal – rather we have a qualitative rationale for helping people move back into employment. The employee must feel comfortable in his or her job to ensure successful integration. I decided to sponsor the program for ethical reasons: as someone in a privileged situation, I thought it was essential to help people in difficulty. Veolia lets me commit to this approach. It makes sense in terms of the local environment, our business activities and Veolia's commitment to help people move back into employment. It's a leitmotiv of the Group in which I work. You can be an effective manager while also being sensitive to these themes: giving people a chance and supporting them.



# ENVIRONMENTAL

## conservation and biodiversity

Living in harmony with nature, conserving resources and biodiversity, mitigating climate disruption - all these can help keep our planet habitable. The Foundation encourages initiatives to build public awareness and teach eco-responsible behavior. It also backs ambitious projects to further our understanding of and restore natural environments. It contributes to their financing and helps raise their profile, with the attentive and enthusiastic support of a sponsor.



## EXTRAMUROS

Extramuros is a work integration enterprise specializing in upcycling, based in the Veolia sorting center in Gennevilliers. The structure, which has expertise in carpentry, is also promoting an ambitious program to develop an activity based on recovery and recycling of office furniture, which is supported by the Foundation.

Since its creation in 2007, Extramuros has developed strong expertise in carpentry and production of upmarket office furniture. Its output is primarily aimed at companies keen to promote responsible procurement. Large accounts such as the French Post Office La Poste, Vinci Construction, SNCF (the French Railways), ADP, Kinnarps and Veolia are among its customers. Thanks to the support of the Foundation and Veolia RVD, Extramuros is hosted in the Veolia sorting center in Gennevilliers, a strategic site for the enterprise since it is located at the end point of incoming flows of materials that make up the bulk of its sourcing.

### Develop a pilot activity

Drawing on its experience, Extramuros is seeking to develop a pilot activity for recovering and recycling materials sourced from office furniture, in partnership with Valdelia, an eco-sector organization, and Kinnarps, a leader in office furniture. The project, baptized Chants libres, is based on a study of sourcing channels to recover the materials required to make eco-designed furniture and start to build up a catalogue of approved materials. A wide range of eco-designed furniture and accessories will then be created.

The first lines to be brought into production will be selected by a jury made up of Extramuros partners. Technical and assembly plans will then be drawn up to streamline production and allow execution of prototypes and small-scale series for real-life testing of the products. Lastly, the team will launch an advocacy campaign around the structure's creations: design of an e-book presenting the products and the philosophy behind their production, organization of exhibitions, in France, to showcase the partners' engagement, encourage dissemination of the approach and promote the activity with a varied group of institutional and public players.

### Create work-integration jobs

The entire process will be organized on an open-source basis and will be available to a network of local social and inclusive economy actors, since Extramuros intends to participate in the development of small production entities on the local level. If 10 structures similar to Extramuros emerge in the next five years, 85 jobs could be created, 75% of them for people on subsidized employment schemes. The nonprofit has already attracted attention from Nantes, Montpellier and Brussels. On top of financial support from the Foundation, Veolia RVD is providing expertise for the project through active participation in analyzing sources for recovering the materials required to produce the eco-designed furniture and developing a network to support the approach.

**Location:** Gennevilliers, Hauts-de-Seine  
**Sponsor:** Françoise Weber  
**Grant:** €165,000





## UNIVERSITÉ DE TOULON

### COMBATING EMERGING POLLUTANTS IN THE MEDITERRANEAN

Questions being asked today about the presence in wastewater treatment plant (WWTP) effluent of emerging micropollutants (medication residue, endocrine disruptors, etc.) and their capacity to eliminate these substances are important issues for tomorrow. At cap Sicié, the Amphitria WWTP has launched a pilot initiative to gain a closer understanding of these new forms of water contamination, develop the capacity to define them and evaluate the effectiveness of tertiary treatment to eliminate them. This initiative supported by the Foundation benefits from scientific support from Toulon University and brings together different partners around the Rhône Méditerranée Corse (RMC) water agency. It consists in particular of measuring the abatement rates of the physical-biological process used at Amphitiria, then organizing a pilot to measure the possible gains that could be obtained by an innovative tertiary treatment (PréOzo + Actiflo Carb). It will also employ the WatchFrog procedure based on fluorescent tadpoles to directly measure endocrine disruption.

**Location:** Bouches-du-Rhône  
**Sponsors:** Olivier Cavallo, Emmanuel Plessis  
**Grant:** €150,000

## PLACE GRAND PUBLIC

### PROMOTING BIODIVERSITY

In June 2017, Veolia and the Veolia Foundation participated in the BiodiversiTerre project, a plant and human installation created by the artist Gad Weil. The project transformed the avenue Foch in Paris by installing living and interactive tableaux to raise public awareness of the major themes of environmental conservation. The Group was primarily involved on the tableau illustrating selective sorting and recycling, which entailed providing balls made of sorted, compressed waste from its sorting centers.

**Location:** Paris  
**Sponsor:** Fanny Demulier  
**Grant:** €20,000

## FFAD\*

### CLEANING UP THE BEACHES OF LAKE SEVAN

In the east of Armenia, Lake Sevan (1,200 km<sup>2</sup>.) is both the country's largest lake and the biggest freshwater reservoir in the southern Caucasus. A unique ecological ecosystem, it is also an important economic center for the region, catering for swimmers and various watersports. Every year it attracts more than 180,000 visitors. The large numbers of people using its eight public beaches has gradually led to degradation of the site. After a diagnostic study, FFAD formulated a project to safeguard the natural environment, supported by the Foundation, which aims to install garbage bins and discharge zones. It also plans to install information boards at the entry to each of the beaches to encourage visitors to adopt best practices. Two campaigns aimed at raising users' awareness of the need to safeguard the natural environment of the beaches will also be launched. Clean-up of the beaches will be carried out by some 20 people chosen from among long-term unemployed people living in the region.

**Location:** Sevan, Armenia  
**Sponsor:** Christian Lefaix  
**Grant:** €50,000

*\* Fondation franco-arménienne pour le développement*





## LES AMIS RECYCLEURS

### SHARING THE SOLUTIONS OF TOMORROW

The Recyclerie, a café-canteen, urban farm, collaborative repair workshop and a resource and learning center in Paris, is dedicated to the circular economy. Veolia has been its main partner since it opened in 2014. The Foundation, which encourages educational and awareness-raising initiatives around environmental conservation and eco-responsible behavior, supports the Recyclerie's program of conferences. The 2017 program, baptized "Les ÉCOOptimistes en campagne", focused on an optimistic vision of ecology and sustainable development. In 2018, it will be organized around the theme of "4 challenges for 4 seasons".

**Location:** Paris  
**Sponsor:** Fanny Demulier  
**Grant:** €60,000

## THE CONVERSATION FRANCE

### THE CIRCULAR ECONOMY ONLINE

The Conversation, an information and news analysis media, publishes general-public articles written by researchers and academics, which are posted online free of charge. Its goal is to offer quality editorial content based on expertise, analysis and contextualization. With the support of the Foundation, The Conversation has launched a new rubric dedicated to the circular economy.

**Sponsor:** Fanny Demulier  
**Grant:** €30,000



## UVED\*

### DEMOCRATIZING SCIENTIFIC KNOWLEDGE

Following the success of three first MOOCs on biodiversity, the causes and challenges of climate change and, the most recent, ecological engineering, all produced and disseminated by UVED with the participation of Group researchers, the Foundation will be supporting creation of a new MOOC on the theme of the sustainable development goals (SDG). It aims to cover all the mechanisms for implementing the SDGs, local and global, and providing information to raise awareness and encourage theoretical and operational adoption by the different stakeholders involved in defining and implementing these policies (economic agents, regional authorities, public authorities and civil society). It will focus on education in the broadest sense, as recommended by Unesco. Pierre Victoria, Director of Veolia's sustainable development program, will be intervening in the MOOC to talk about the contribution of business to the SDGs. By bringing together experts from different backgrounds, UVED designs online educational content and makes it available to the public. These massive online training courses, which can be accessed on any connected device, address a very wide audience to raise awareness of the importance of environmental conservation.

**Sponsor:** Coline Jacobs  
**Grant:** €25,000

\* Université virtuelle de l'environnement et du développement durable



## MAISON DES JEUNES ET DE LA CULTURE EL MOLIVELL

Educational workshops on the themes of the environment and water at the Centre d'interprétation de l'eau in Boulou.

**Location:** Boulou,  
Pyrénées-Orientales  
**Sponsor:** Jean-François Lluch  
**Grant:** €20,000

## LES PETITES ÉCOLES POUR TOUS

Creation of an innovative teaching method to raise awareness of the environment aimed at children with neurological disorders.

**Location:** Paris  
**Sponsor:** Cyrille Lombard  
**Grant:** €40,000

## UNIS-CITÉ

Continued funding for the “Les Méditerranée” program and participation in the skills validation workshop for young eco-volunteers on civic service schemes implementing the program.

**Location:** France  
**Sponsor:** Isabelle Hellio  
**Grant:** €40,000

## LES GARANCES

### EDUCATIONAL FARM TO COMBAT MENTAL DISABILITY

Les Garances, a Belgian nonprofit, was founded by experienced professionals working with mentally impaired people. To compensate for the lack of services available to this group, it set up an innovative living space, Les Garances, coupled with an educational farm using permaculture techniques, a resource center and environment-based activities, where it plans to organize events to raise awareness of organic agriculture, permaculture, biodiversity, environmental conservation and resource conservation. The projects include opening a boutique and a home-made meals service using produce from the farm. Les Garances will be a living space that creates links between visitors and the mentally handicapped people it welcomes.

**Location:** Jandrenouille, Belgium  
**Sponsor:** Michel Dierickx  
**Grant:** €40,000

## GREENMINDED

### RECYCLING CIGARETTE BUTTS

In Lille, the Foundation is supporting the innovative and inclusive project of a recently created nonprofit which combats an important source of urban pollution: cigarette butts. GreenMinded wants to install recycling terminals in urban communities and smoking areas in companies, thereby offering a solution for collecting, storage and recycling the butts. The web-connected terminals are not simply collection points – they also work hard to raise smokers' awareness. A mobile application is made available to users to “gamify” the initiative and encourage them to adopt the right gestures. A first pilot will be set up in Lille, where Veolia RVD will take charge of storing the butts before they are recycled in Brittany par Éco Action, which specializes in this activity.

**Location:** Lille  
**Sponsor:** Valérie Jadot  
**Grant:** €30,000







## 2017 ENVIRONMENT BOOK PRIZE

### READING TO AWAKEN PEOPLE'S CONSCIENCES

The Foundation created the Environment Book Prize in 2006 to support and promote writers and publishers who build public awareness of the major challenges facing the planet. The jury, chaired by Roselyne Bachelot, former Minister of Ecology, announced the 2017 prizewinners in September 2017 at the Le Livre sur la Place festival in Nancy.

The winners of this 12<sup>th</sup> edition are Yves Leers and Jean-Luc Fessard for their book *Ça chauffe dans nos assiettes. Des recettes pour sauver le climat*, published by Buchet-Chastel. Almost one-third of our greenhouse gases are hiding in our fridge: our food has a major impact on the climate – and the climate on our food. This book encourages readers to take this fact on board and improve their health by choosing the least contaminated and

industrial food and the most varied and balanced diet: “We must take back control of our food” and “rediscover the joys of cooking – it’s good on all fronts,” explains Olivier Roellinger in the preface to the book, where the “Good for the climate” section proposes concrete solutions crafted by engaged chefs for tasty, low-carbon dishes.

The young readers’ prize was awarded to Amanda Wood and Mike Jolley for their book *Les merveilles de la nature*, illustrated by Owen Davey and published by Gallimard Jeunesse. From the tiniest insect to the tallest tree, this book celebrates the extraordinary diversity of life on Earth and the incredible ingenuity of living species to feed themselves, move around and reproduce. As every year, these books will be promoted with bookshops in France but also distributed in schools and municipal libraries.

### PARC NATUREL RÉGIONAL DE CAMARGUE

Continued support for the marine reserve project in the Gulf of Beauduc and the partnership established with the Danube Delta Biosphere Reserve in Romania.

**Location:** Bouches-du-Rhône  
**Sponsor:** Nils Fauchon  
**Grant:** €21,500

### FONDATION TARA

Support for educational actions linked to the Tara Pacific expedition devoted to the study of coral reefs.

**Location:** World  
**Sponsor:** Fanny Demulier  
**Grant:** €12,600

### SOPTOM\*

Educational and awareness-raising actions organized by an environmental conservation nonprofit in the Var, which focuses on protecting turtles and snakes.

**Location:** Carnoules, Var  
**Sponsor:** Geneviève Petit-Joly  
**Grant:** €15,000

\* Station d'observation et de protection des tortues et de leurs milieux



## AT EXTRAMUROS, WE ARE PASSIONATE ABOUT ALREADY-USED MATERIALS AND WE ARE AWARE OF THE POTENTIAL THEY HARBOR

**Julien Richardson,**  
Director of Extramuros



The Director of Extramuros is convinced of it: no ecology without social awareness, no social awareness without the economic component, and no economic activity without creativity! For Julien Richardson, integration goes hand-in-hand with upcycling. A quick look at this collective adventure fed by passion and conviction.

**“At Extramuros, we are passionate about already-used materials and we are aware of the potential they harbor,”** explains Julien Richardson, who has been heading Extramuros for three years now. The company, positioned between subsidized employment and the inclusive economy, works with wood, all types of wood. Old flooring, worksite wood, old office furniture. **“We use materials that might be considered less prestigious with the aim of giving them greater value. In our workshop in Gennevilliers, we manufacture bespoke objects and furniture, either one-off pieces or small production runs, from selected recovered materials. In this way, we produce furniture with ‘new’**

**eco-certified materials for companies, architects and individuals who opt for eco-design,”** says Julien Richardson.

Three personalities are behind this SME that has become a specialist in carpentry. Isabelle Pujade and Rosanna Del Prete are artists passionate about recovered materials, which they see as an extraordinary source of inspiration. Convinced that the creative act cannot ignore ecological considerations, they were keen to create objects from environment-friendly materials. This ethical and artistic project exists, but they needed to transform it into an economically viable activity. A third player – Jean-François Connan – was brought on board. Engaged since the 1980s in integration through economic activity, he manages the Responsibility and Social Innovation sector of Adecco and agreed to become the company’s volunteer chairman in 2008, giving birth to Extramuros!

**“We are convinced that a corporate project can be based on a profitable economic model while also**



...serving the general interest and sustainable integration pathways; that having a decent job is a driver of integration in society; that each individual is capable of learning and that no-one is unemployable!" For the Director of Extramuros, it's not simply a question of recycling and reusing materials. The social dimension is essential. "Integration through economic activity is, sadly, becoming more and more common. Access to employment is difficult and many people are left on the wayside. Work-integration enterprises like ours allow these people to learn or relearn how to work and receive support for building a sustainable professional project. In other words, to move up in the world."

Today, Extramuros is managing a sustainable activity – no doubt a pilot for a new, emerging sector. The company has already sold more than 500 pieces of furniture and 50,000 objects. "We work on a craftsmanship basis using traditional techniques," explains Julien Richardson. With the Chants libres program, based notably on studying supply channels to recover the materials it needs to make furniture, Extramuros is determined to start producing furniture lines and encourage creation of subsidized jobs. What was an environmental, ecological and professional integration project is on the verge of becoming an economic reality.

Source: Bureaux à partager.

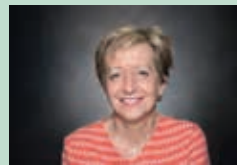


**“A valuable new life for discarded objects”**

**Pascal Peslerbe,**  
Deputy Director 2EI – Innovation division (Veolia)

When Jean-François Connan, in charge of social innovation at Adecco, talked to me about Extramuros, the company was looking for financial support and, in particular, a place to start up its activity. We provided them with premises in our waste sorting and transfer

center in the port of Gennevilliers. What was interesting for Extramuros, which at that time worked with all types of materials, was to have direct access to a flow of waste that could be reused, depending on their requirements. For us, the goal was to support a pioneering upcycling initiative. At a time when almost nobody was talking about the circular economy, Extramuros was already forging ahead and positioning itself in reuse with the goal of giving a valuable new life to discarded objects.



**“A real link in the chain”**

**Françoise Weber,**  
Director, Producer Responsibility for Veolia RVD

Since its creation ten years ago, Extramuros has grown: the original informal structure has gained new skills and know-how to professionalize its activity in this sector that makes furniture from recycled materials. With its Chants libres project

aimed at selecting the first furniture lines that Extramuros will be producing, the company is becoming a real link in the chain, following on from Valdelia, an eco-sector organization, and Kinnarps, which sells furniture to companies. The next stage is to disseminate the initiative: Extramuros can now become a source of proposals for other structures that could also, like it, graft themselves onto Veolia's wood recycling sites.





**FIRST PRIZE:  
RÉS'EAU**

Building a potable water distribution network in a Philippines neighborhood devastated by Typhoon Yolanda in 2013

RÉS'eau, founded in 2012 by students from several engineering schools, wanted to help the residents of Tacloban, a town in the Philippines particularly hard hit by the passage of Typhoon Yolanda in November 2013. The project entails setting up a gravity-feed water distribution network fed by spring water.

**Location:** Tacloban, Philippines  
**Sponsor:** Alvaro Lon

**SECOND PRIZE:  
LE BABA**

Creation of a traveling "canteen-market" run by migrants

Le Baba, set up by Sciences-Po Paris students in 2016, set itself the mission of fostering professional and social integration of migrants in the Paris region by creating a traveling "canteen-market" where refugee and immigrant cooks will offer specialties from their country.

**Location:** Paris, France  
**Sponsor:** Martine Vullierme

**THIRD PRIZE:  
YOKOUMI**

Giving Togolese women the means to be economically active

Students at the Toulouse IEP are supporting a women's cooperative in the village of Kelizio in Togo, which produces cosmetic products based on shea butter, using traditional techniques. Yokoumi will be marketing these products and will donate part of its profits to a Togolese microcredit organization.

**Location:** town of Tsévié and village of Kelizio, Togo  
**Sponsor:** Boris Efremenko

**PUBLIC PRIZE:  
OAN INTERNATIONAL**

Improving electricity supply for healthcare centers in Benin

Two large healthcare centers in Nikki (Benin) will benefit from solar-powered sterilizers for medical equipment. OAN, a group of students in Madrid and Valladolid, will be installing the equipment and training staff to maintain it.

**Location:** Nikki, Benin  
**Sponsor:** Javier Martín Sanz



# PROJECTS AND VEOLIA SPONSORS

## DEVELOPMENT AID AND HUMANITARIAN EMERGENCIES

Page 7

### UC Berkeley

United States  
Julien Grimaud

Page 8

### Croix-Rouge monégasque

Burkina Faso  
Manuel Nardi

### Asomocam

Cameroon  
Cédric Mazoyer

### Les enfants du Ndé

Cameroon  
Frédéric Plumaz

Page 9

### Empow'Her

Niger  
Martine Vullierme

### Espoir des villages de Sero

Mali  
Diallo Boh

### Boronu France-Bénin

Benin  
Sylvie Petit

### Les Matins du soleil

Niger  
Patrice Fonlladosa

Page 10

### Médecins sans frontières

World  
Thibaut Constant

Page 11

### 100 000 vies

Burkina Faso  
Damien Machuel

### Gedat

Mali  
Pierre Ascencio

### Solidarités International

Democratic Republic of the Congo  
Thierry Vandevelde

### Aded

Mali  
Pierre Ascencio

Page 12

### The London School of Hygiene & Tropical Medicine (LSHTM)

Democratic Republic of the Congo  
Thibaut Constant

### Ahimsa Fund

France  
Thierry Vandevelde

### BCI Environnement

World  
Thibaut Constant

## ENVIRONMENTAL CONSERVATION AND BIODIVERSITY

Page 27

### Extramuros

France  
Françoise Weber

Page 28

### Université de Toulon

France  
Olivier Cavallo, Emmanuel Plessis

### Place Grand Public

France  
Fanny Demulier

### FFAD

Armenia  
Christian Lefaix

Page 29

### Les amis recycleurs

France  
Fanny Demulier

### The Conversation France

World  
Fanny Demulier

### UVED

World  
Coline Jacobs

Page 30

### Maison des jeunes et de la culture El Moli Vell

France  
Jean-François Lluch

### Les petites écoles pour tous

France  
Cyrille Lombard

### Unis-Cité

France  
Isabelle Hellio

### Les Garances

Belgium  
Michel Dierickx

### GreenMinded

France  
Valérie Jadot

Page 31

### Parc naturel régional de Camargue

France  
Nils Fauchon

### Fondation Tara

World  
Fanny Demulier

### Soptom

France  
Geneviève Petit-Joly

## SOCIAL INCLUSION THROUGH WORK AND SOCIAL LINKS

Page 19

### Acta Vista

France  
Hervé Pernot

Page 20

### Emmaüs Défi

France  
Fabienne Pioletat

### APCDS

France  
Pascal Peslerbe

Page 21

### Énergie Jeunes

France  
Jean-Marie Lambert

### Institut Télémaque

France  
Brigitte Durand

### Dialogues

France  
Éric Aguila

### La ronde des quartiers de Bordeaux

France  
Bertrand Auneau

### La Maison du Conte

France  
Didier Courboillet

### Créaquarter

France  
Sonia Ouldali

Page 22

### IDS/Pagabags

Burkina Faso  
Boris Efremenko

### IECD

Developing countries  
Philippe Capron

### A. B. Curnet

Burkina Faso  
Boris Efremenko

### ITD Monde

Madagascar  
Pierre-Joël Philibert

### Passerelles numériques

Vietnam  
Georges Germa

Page 23

### CIAS Cap Sizun

France  
Marc Le Bodo

### La Cloche

France  
Khalil Ababou

### Agoie

France  
Xavier Metteil

## STUDENT SOLIDARITY AWARD

Page 34

### Student Solidarity Award

World  
Brigitte Durand

Page 35

### RÉS'eau

Philippines  
Alvaro Lon

### Le Baba

France  
Martine Vullierme

### Yokoumi

Togo  
Boris Efremenko

### oAN International

Benin  
Javier Martin Sanz




#### **Corporate Foundation**

Governed by law no. 87-571 of July 23, 1987, amended.

Head office: 21, rue La Boétie – 75008 Paris  
Postal address: 30, rue Madeleine-Vionnet – 93300 Aubervilliers  
E-mail: [fondation.ve@veolia.com](mailto:fondation.ve@veolia.com)

Chief editor: Dominique Boizeau.

Design, artwork and production:  havas paris

Illustrations: Rude.

Photos: Veolia photo library, the Foundation sponsors, Veoliaforce volunteers, nonprofit organizations, Christophe Majani d'Inguibert (p. 3 and 4), Trekandphoto/Fotolia (p. 6), Karin Ekholm/MSF (p. 10), Emmanuel Besnier/Sylvain Pierron/Capa (p. 17), Erwan Floc'h/Design Isabelle Pujade (p. 26), Sylvain Beucherie/Andia (p. 31), Emilie Chaix (p. 32).

Printed by Stipa.



In order to protect the environment, this document has been printed by an Imprim'Vert® certified printer on Heaven SoftMatt 42 paper that is FSC® certified and Made using fiber sourced from responsibly managed forests.

[www.fondation.veolia.com](http://www.fondation.veolia.com)