

EAF - Energy Assistance France Annual Activity Report 2020-2021

Prepared by

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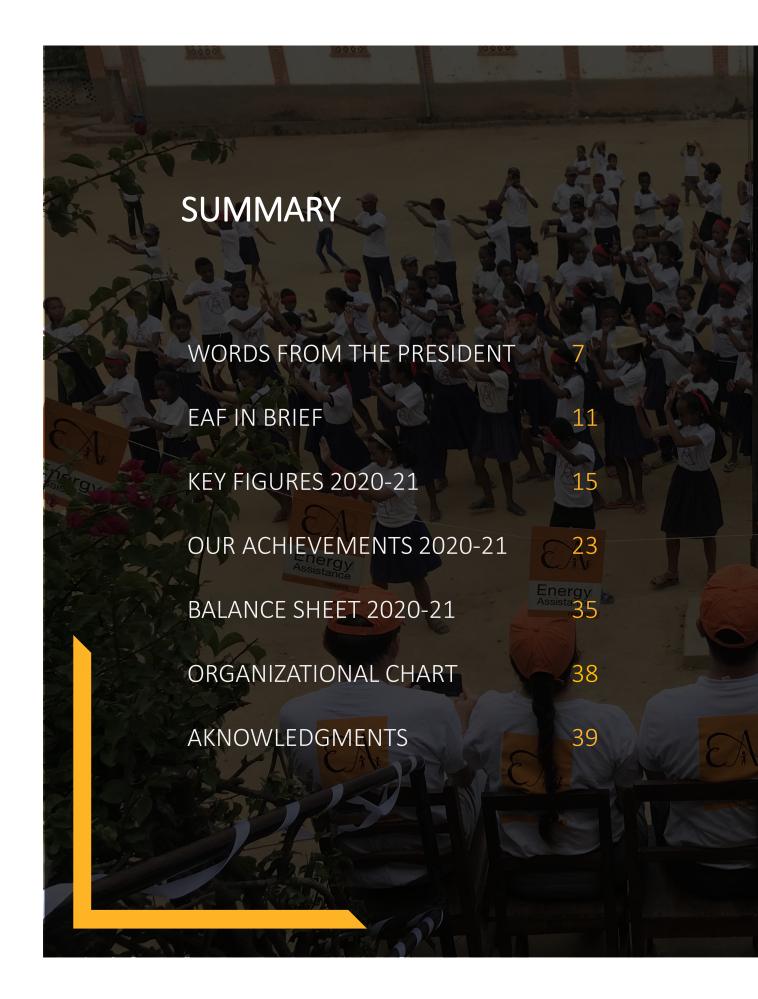


TOWARDS AN UNIVERSAL ACCESS TO MODERN ENERGY

Energy is at the core of development. Energy insecurity forces populations to live in darkness. Without reliable and/or sufficient energy, essential services, such as health centres and schools, do not function well and businesses face challenges that paralyse them. Energy enables investments, innovations and the creation of new sectors that drive employment and economic growth. Access to reliable, sustainable and affordable energy services for all, is the 7th Sustainable Development Goals (SDG 7). This is also a central element in the fight against climate change. About one billion people in the world live without electricity, while hundreds of millions more, have inadequate or unreliable access to electricity. In addition, nearly 3 billion people cook or heat with polluting fuels, such as wood or other forms of biomass, which pollute the air inside buildings and outside, with serious health consequences.

While the situation is overwhelming, progress is being made on various levels. The global energy system is undergoing a major transformation, with renewable energy playing an increasingly essential role in the development of the modern and robust energy system. The ongoing transition is supported by the sharp decline of the cost of clean energy (beyond the cyclical aspects). We will, therefore, continue at Energy Assistance France our electrification projects adapting our model to emphasize on the security and sustainability of installations, the training of young people and the promotion of incomegenerating activities in our targeted countries. This will contribute to the settlement of populations.

The actions of Energy Assistance France through its members, supported by technical means, are in line with the 1st SDG, eradicate poverty, by targeting access to resources and the 4th SDG, ensure quality education for all by focusing on access to pre-school and school education, care, skills and employment, fundamental learning and education for sustainable development.





WORDS FROM THE PRESIDENT

2020 AND 2021, TWO YEARS MARKED BY THE GLOBAL PANDEMIC OF COVID-19...

These last two years will remain engraved in the collective memory with an additional mark for our members due to the shelving of many projects.

In order to maintain the animation of the association, we continued our monthly project committees and organized MOOCs on technical themes, but also on project and mission management. This has enabled us to refine our project set-up and maintain contact with future beneficiaries.

In the context of the in-depth reorganization of ENGIE and the future sale of EQUANS and ENDEL, the Group's General Secretary launched an audit in 2021 of all its sponsorship and patronage actions, and in particular Energy Assistance (Belgium, France, Italy and Monaco). This audit aimed, among other things, to assess the ethics and consistency of the actions carried out with the principles of ENGIE and to check that the money paid was used correctly.

The conclusions of this audit point out the proper functioning of EAF and the safety of our members and recommend that a sponsor be displayed for each project in order to bring it visibility. Two other pieces of advice were also given:

- Establish a plan for internal promotion of the actions carried out and the mechanisms put in place (involvement of the Communication Department, communication plan)
- Establish the Group framework for the intervention of Energy Assistance volunteers.

In view of the conclusions of this audit, ENGIE decided to entrust the ENGIE Foundation with the financial support of the permanent staff and projects of Energy Assistance. We have worked with the Foundation on a development plan for associations up to 2025, which also falls in line with the guidelines defined by its Board of Directors. The framework contract between the ENGIE Foundation and EAF is being finalized. For employees who are involved in EAF projects and leaving ENGIE (EQUANS, ENDEL, others), while remaining in professional life, we are studying the conditions for maintaining their membership while building partnerships with similar associations that would be created in their new environment. We will present the conclusions at the EAF GA in 2022.

In view of the complicated international context, we have, with the support of the ENGIE Security Department, strengthened our prevention measures. As such, we systematically equip our teams with a satellite telephone.

Despite the severe global health disruptions in 2020, EAF was able to carry out three missions, one of which is emblematic of our desire to unite the students at a vocational high school with our teams. The Guy Lussac high school in Chauny (Aisne) won the "J'Apprends l'Energie" competition in 2017. It was joined by students from the Louga training centre in Senegal to electrify the school and the health centre in an isolated village in the region, Ndialègne-Mbadii.

Following the catastrophic explosion in the port of Beirut, the ENGIE Foundation commissioned EAF to assess the energy needs of schools and health centres.

Finally, two EAF volunteers brought their know-how to our partner Asam Provence for the choice of equipment and installation by a local company for the Ampasipotsy health centre southwest of Antananarivo in Madagascar.

In 2021, although the health situation has improved, the performance of our missions has not been able to reach cruising speed. Two missions in Senegal were facilitated by the presence of volunteers posted in the country: installation of solar lights at the Ndiao-Bambaly school in the Kaffrine region, and audit for the installation of solar kits and mini networks in Casamance with FONDEM and ASER. The other missions carried out this year concerned Madagascar where our partner Morbihan Energies is continuing its partnership with EAF.

By the end of 2021, no less than 14 volunteers were able to electrify the Ampasipotsy high school and a grocery shop in a migration region south of Antananarivo, a school and a dispensary in Ivato Ambositra, a training centre and a solar pump in Soanindrariny. In total, 22,700 people from the educational sector benefit from our facilities, as well as 22,200 patients from health centres.

We would like to especially thank Borhane for the 4.5 years he has devoted to leading our association with enthusiasm before joining GRDF in the summer of 2021, and also Anne for her dynamism and her dedication to ensuring the proper functioning of EAF in the context we know.







ENERGY ASSISTANCE FRANCE IN BRIEF...

SOLIDARITY FOR 16 YEARS



Energy Assistance France (EAF), is a non-profit association, created in 2005 and made up of employees and retirees of the ENGIE Group.

OUR VALUE



education and development for populations without access to energy. We put the expertise of our volunteers at the service of the most vulnerable people around the world. Our projects make it possible to bring together the time for a mission with the Group's employees or retirees from all walks of life and different entities. Field technicians, directors, engineers, support functions (HR, Communications), etc. These volunteers have one thing in common, "Commitment" for a better world, to put their skills at the service of our beneficiaries.

We carry out electrification projects in the fields of health,

OUR PROJECTS



EAF projects are oriented towards providing isolated communities with access to energy, with a preference for renewable energy, and targeting education, health and the development of circular economy.

EA NETWORK



EA is present in 4 countries: France (founded in 2005), Belgium (founded in 2001), Italy (founded in 2011) and Monaco (founded in 2011). EAF operates, particularly, in West Africa, the Far East and Madagascar and will strengthen its actions in Latin America.

OUR PARTNERS



For several years, EAF has been involved with technical and professional high schools. In partnership with the "J'Apprends l'Energie" scheme within the Group, EAF enables high school classes to participate in electrification projects in the field supervised by our volunteers. In 2020, a high school was able to join us on a project.

OUR FTHICS



For all our projects and for any new partnership with an association/community contributing to or benefiting from our projects, we respect an Ethics charter backed by ENGIE.

SECURITY



In 2020 and 2021, EAF continues to focus on the conditions of intervention of its volunteers in close collaboration with the Group's security department. Indeed, we are confronted with two main risks which are:

- Safety: risks linked to terrorism, delinquency, etc.
- Health: pandemics, epidemics, tropical diseases, etc.
- Safety during our interventions: first aid training, the provision of PPE and duplication of vehicles on the road, etc.





OUR INTERVENTIONS

The association covers a full range of activities in the energy field: economic evaluation, technical studies, supply and installation of equipment, practical training and transfer of knowledge.







APPLICATION

STUDIES

SUPPLY







INSTALLATION

TRAINING

LOGISTICS







TRANSFER OF KNOWLEDGE

INCOME GENERATING ACTIVITIES

SUCCESS

KEY FIGURES (2020-21)



1 603 450

Beneficiaries of our projects



160

Projects completed in 37 countries



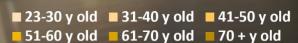
Members



62% 38%

- 88% Active collaborators
- 12% Retired collaborators

16% 20% 25% 22% 13% 4%





22

Volunteers

- 2 Local volunte
- 2 French-Malag
 - 1 Volunteer fro



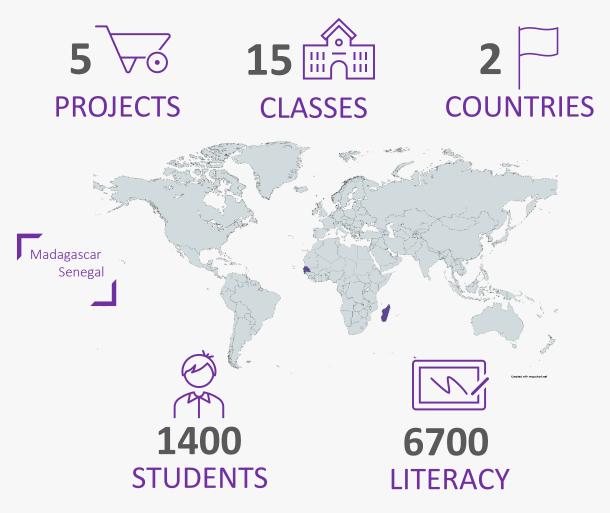




Mathgombel MBAYE

President of the collective of school principals (CODEC) and representative of the education and training inspector (IEF) of Kaffrine; representative of Horizons Sahel in Senegal

"EAF has allowed us to boost the success rate of students during the elementary cycle and the school-leaving certificate examination for entry into the sixth grade. Thanks to the installation of solar panels and the provision of 250 lights to the students, they will be able to reach the minimum level of mastery of the lessons and even exceed it as they live in a village that does not yet have electricity. EAF, a partner that assures and reassures! »







Sister Maria-OliviaUrsulines Community of Ivato Ambositra

"It's a great benefit to all, but especially to the dispensary. Patients need to be monitored day and night, and sometimes for days. Some must be infused: before, candles were used. It is a great joy to have solar panels, to use the lights for the patients and their companions. It improves their physical well-being and health. Many thanks to the Energy Assistance France teams."









Valentine RASOANANTENAINA

Representative of the association AED Kareen Mane - CLE (Help for Destitute Children - Secular Community for Education) in Madagascar ("La Voix de l'Enfant" Federation)

"Since we have energy and light, we can consider eradicating the cases of "ghost" children [i.e. without civil status] from 7 surrounding rural communities: they will be able to enroll in high school and aspire to a better future. Teachers can improve their pedagogical approach for adult education. We can continue to work in good conditions after dark and develop economically."







[EAF025] ELECTRIFICATION OF A HEALTH CENTRE AND A SCHOOL

2 projects completed with the Gay Lussac high school in CHAUNY and the Training Centre CFAM of LOUGA.

V

A health centre:
940 consultations /year
+ 40 deliveries /year.



A school of : 2 classes + 80 students.

6100 beneficiaries

5200 beneficiaries









From March 22nd to April 6th 2020, 230 hours of work in total.



About 1,5 kW of installed power in both projects.



2 volunteers involved

- Modou FALL(ENGIE Dakar)
- Magueye SALL (ENGIE Dakar)





Senegal, Department of Louga, site located 250 km north-east of Dakar.

[EAF030] EVALUATION MISSION IN BEYROUTH

3 projects completed with several local associations, among which ACAPEL (La Voix de l'Enfant) and Offre Joie



Karantine neighbourhood, Beirut: public lighting by autonomous solar lights – 3000 inhabitants



Beirut Governmental Hospital – PV installation project on the new building (350m²) - 500,000 beneficiaries (including 150,000 children)



School of the Sisters of Charity of Besançon – Baabda: solar installation to relieve the generator - 1000 students







From September 8th to 13th 2020, 90 hours of work in total.



Lebanon, Beirut



2 volunteers involved

- Borhane MZITA (EAF)
- Philippe COURTÈS (Retired)



[EAF022] ADVISORY MISSION TO REHABILITATE THE SOLAR AND ELECTRICAL INSTALLATION OF A HEALTH CENTRE

1 project completed with the ASAM Provence association.

O A health centre : 350 consultations /month + 50 deliveries/year.



1900 inhabitants from surrounding villages benefit from the health centre.

6200 beneficiaries









From December 1st to 6th 2020, 60 hours of work in total.



About 1,5 kW of installed power in this project.



2 volunteers involved

- Alan MOREL (ENGIE MyPower)
- Sandra PESSAH (ENGIE MyPower)



Madagascar,
Bongolava,
Ampasipotsy
Department,
located 200 km
south-west from
Tananarivo.





"I carried out 2 missions, one in Guinea and the other in Madagascar. I am proud to tell myself that people have been able to get vaccinated thanks to the installation of a fridge in their health centre, and that children can now have easier access to university studies by learning at night thanks to PV panels I installed on their school's rooftop. I can't wait to go back on a mission to give what seems basic at home and to receive so many smiles in return."

[EAF021] MISSION TO INSTALL SOLAR LIGHTS AT **SCHOOL**

1 project completed with the Horizons Sahel association.



1 school of 6 classes (270 pupils, 6 teachers and 1 director): 250 rechargeable solar lights

1500 beneficiaries (280 directly impacted)





From March 31st to April 2nd 2021, 20 hours of work in total.



About 0,5 kW of installed power in this project.



1 volunteer involved

Magueye SALL (ENGIE Africa)





Senegal, Department of Kaffrine, Located 250 km south-east from Dakar.

[EAF014] 1ST AUDIT MISSION OF SOLAR KITS AND MINI-GRIDS

1 project completed with the Energies pour le Monde Foundation (FONDEM) and the Senegalese Rural Electrification Agency (ASER).

- Visit of 3 villages : Farackounda, Fandjoughar and Mobaya
- Testing of an audit tool
- Meetings with local actors : operators, professional training centers

1500 beneficiaries (290 directly impacted)









From May 30th to June 4th 2021, 80 hours of work in total.



2 volunteers involved

- Modou FALL (ENGIE Africa)
- Magueye SALL (ENGIE Africa)





Senegal,
Departments of Casamance,
Ziguinchor et Tanaff
Located 450 km south-east of Dakar.

[EAF022] ELECTRIFICATION OF THE SCHOOL AND A SOLAR GROCERY SHOP

2 projects completed.



Solar grocery shop of Soanafindra: 19th promotion of migrants on the 7MA



Ampasipotsy high school: 6 classes (88 registered students in 2021-2022, 6 teachers, and 1 director) 1 dormitory for boys (10 interns)

310 beneficiaries (10 directy impacted)

2000 beneficiaries (100 directly impacted)





From November 17th to 29th 2021, 340 hours of work in total.



About 2 kW of power installed in both projects.



6 volunteers involved

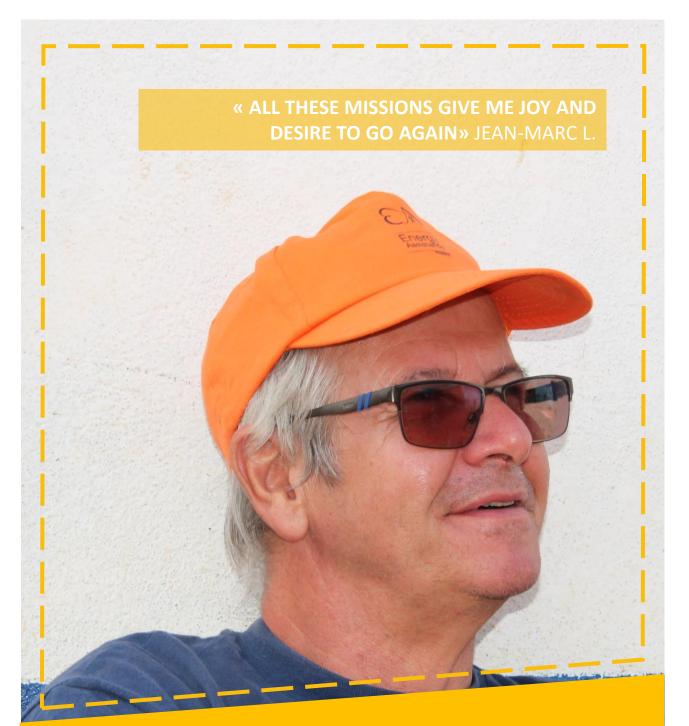


- Alan MOREL (ENGIE Mypower)
- Philippe RUEF (retired)
- Christelle MACHET (ENGIE Green)
- Patrick HASSAMBAY (ENGIE Solutions)
- Anne ROTSCHI (EAF)



Madagascar, ASA migration area, Located 200 km south-west of Tananarivo.





"This new mission with EAF was aiming at electrifying a training centre and setting up a well pump. Our team, helped by Riri, Pierre and Fifi of the village on the spot, made it possible to complete this mission. The joy of the children who can do their homework, villagers who can meet in the evening, running water in the schools, a health centre which can perform interventions at night and no longer by candlelight... All these missions give me joy and the desire to go again. »

[EAF033] ELECTRIFICATION OF A TRAINING CENTRE AND INSTALLATION OF A SOLAR PUMP

2 projects completed with the association la Voix de l'Enfant

- Training centre Kareen Mane
- Installation of a remote monitoring system
- Installation of a solar pump for the well equipped with a water tower



7100 beneficiaries





From November 17th to 29th 2021, 340 hours of work in total.



About 1,5 kW installed power in both projets.



4 volunteers involved



- Emma-Louise CHAUDRON (ENGIE Solutions)
- Jean-Marc LONGO (retraité)
- Patricia THAMON (ENGIE Solutions)



Madagascar, Soanindrariny. Located 150 km south of Tananarivo.



[EAF028] ELECTRIFICATION OF A SCHOOL AND CONNECTION OF THE DISPENSARY

2 projects completed with the financial participation of Morbihan Energies.



A health centre: medical team of 5 people, 600 consultations a month



- A school of 5 classes A secondary school of 7 classes
- (490 students and 20 teachers)

22 200 beneficiaries











From November 17th to December 4th 2021, 480 hours of work in total.



About 3 kW installed power in both projects.



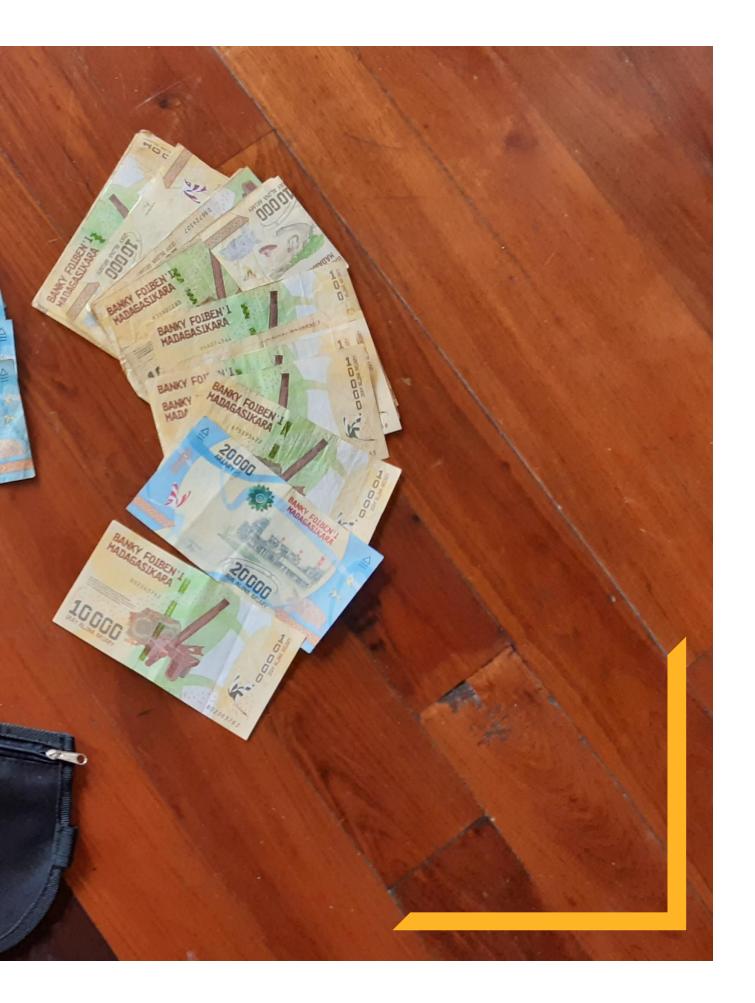
4 volunteers involved

- Hedi MELLEKH (Engie Digital)
- Bernard LAMOUR (retraité)
- Guy PEDRON (retraité)
- Christine ALLEMAND (Engie Axima)









BALANCE SHEET FINANCIAL

	ACTUAL 2019	ACTUAL 2020	ACTUAL 2021	BUDGET 2022
INCOME				
Previous year report	356 986	422 310	484 296	432 891
DRES grant	210 000	100 000	0	0
Individual donations and contributions	4 534	4 112	6 621	
ENGIE FOUNDATION grant				210 000
ENGIE grant - Finance Award	10 000			
Donation from Morbihan Energies	1 903	2 741		
Donation from Engie Confluence	1 903	2 741		3 000
Donation from Engie Solutions		500		
Engie BtoC grant		7 500		12 000
TOTAL Income	583 423	537 163	490 917	657 891
<u>EXPENSES</u>				
A - Operation Operation	9 350	4 296	3 587	
TOTALA:	9 350	4 296 4 296	3 587	6 100
B –Completed Projects				
Completed projects	151 764	48 571	44 438	
TOTAL B:	151 764	48 571	44 438	0
C —Ongoing Projects				
On-going and finalized Projects			10 000	56 000
Mission Bambaly (Euromed) - Senegal				58 000
Mission Akamasoa (Padre Pedro) - Madagascar				35 000
Mission Audit des installations - Madagascar				10 000
Mission Orison (Fondem) - Senegal				30 000
Red Cross training - France				2 000
Mission Lakhata - Guinea				20 000
Mission Ambalamarina - Madagascar				18 000
Mission Mahanoro - Madagascar				45 000
Mission Kok Niou - Laos				25 000
Mission Energies Maroc with Gérès - Morocco				20 000
Mission Karantine quarter of Beirut public lighting - Lebanon				13 000
Mission Besancon school in Baabda - Lebanon				30 000
Other projects in progress				200 000
Total C:	0	0	10 000	562 000
TOTAL expenses (A+B+C)	161 114	52 867	58 025	568 100
BALANCE	422 310	484 296	432 891	89 791

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Natacha VEILLANT Assistant Treasurer



Olga DESCLOS

Administrator



Gaëtan TEXIER

Administrator



Borhane MZITA Administrator



Job vacancy
Operational Manager



Anne ROTSCHI **Project Manager**



The entire Board of Directors would like to especially thank all the members and volunteers of the association who support and keep the association alive.

Khaled ABDOU MOUMOUNI, Boubaker ADJAL, Yannick ALBUCHER, Christine ALLEMAND, Myriam AMER DAGUENEAU, Siham AMRANI, Karim AROUI, Amélie AUBIN, Annie AUDEBERT, Djouldé BAH, Khalid BAHAOUI, François BAILLIET, Jean François BARBIER, Rayan BARDANE, Jean Luc BAZABAS, Laurent BAZIN, Régis-Vinss BELI, François BELLIER, Alban BELLOIR, Djamila BENAZOUZ, Daniel BENOIT, Nicolas BESSAGNET, Abdelkader BEZZEKHAMI, Sylvie BLAISE, Céline BLANCHARD, Erwan BOENNEC, Emilie BONNEFOI, Ryad BOUAKKAZ, Olivier BOUCHES, Mohamed BOUJIBAR, Myriam BOULBES, Frédéric BRETON, Jade CAILLAUD, Eric CAPDEVILLE, Madhi CHAABANI, Bertrand CHANTREAU, Hind CHARROUF, Anne CHASSAGNETTE, Emma Louise CHAUDRON, Delphine CHEA, Jean Christophe CHEVROT, Luc CHILOU, Lindi Isabel CHIN CHUC, Vincent CLOUET, Yves COTTEN, Philippe COURTES, Mélanie DE VILLELE, Bruno DEPUY, Cathy DIEUDONNE, Claire DU COLOMBIER, Thierry DUPUIS, Francisco DUQUE FERNANDEZ, Miriam DZAH, Sandrine EMIEL, Michel EON, Modou FALL, Gérard FERRERE, Pierre FETTU, Jérôme FOURNET, Sylvie FRESIERS, Julio José GALLEGO DIAZ, Medhi GANA, Aymen GASMI, Guillaume GAVAUD, Anne GERSET, Xavier GIRARDEAU, Léa GIROUX, Marion GORGUET, Soumaya GRAINE, Eric GRIMONPREZ, Maxime GUERARD, David GUILLAUME, Michel HAAS, Anas HAMRI, Patrick HASSAMBAY, Romuald HERBLOT, Olivier HEROUT, Tiphaine HOUSSIN, Idris IBRAHIMA, Lucie INCARDONA, Etienne JACOLIN, Luc JACQUEMARD, Zainab JEMO, Isabelle JOUET PASTRE, Naima KADDOURI, Ndeye Fatim KOUNDOUL, Eric KOZIOL, Philippe LABORIE, Ludovic LADA, Lucile LAGARRIGUE, Frédéric LALAU, Bruno LAMBINET, Bernard LAMOUR, Michel LAMOUR, Medhi LAOUEDJ, Denis LAUR, Virginie LAURET - IRISARRI, Aurélien LEGENDRE, Emilie LEGRAND-LOPES, Fabien LETERRIER, Fatoumata Krysta LINGANI, J. Marc LONGO, Philippe LOUISOR, Rémi LUCAS, Patricia LULLIEN, Sabine LUNEL-SUZANNE, Fatiha MAAROUF, Christelle MACHET, Alexandre MAINGUENAUD, Marie-Anne MALDINEY, Aziz MAMOUDOU ABDOUL, Imen MARRAK, Aurore MARTIN, Violetta MARTIN ANUSZKIEWICZ, Robert MARTINAL, Yoann MAUDET, Carline MAUGY, Patrick MBAMU, Vincent MEEUWIS, David MEHEUST, Mohamed Hedi MELLEKH, Hugues MENISSIER, Nicolas MESLET, Sidonie MICHEL, Pierre MOENCH, Alan MOREL, Max MOULIN, Meriem NEGRI, Salma OUACHCHAM, Guy PEDRON, Sandra PESSAH, Maxime PETIT, Andrea PETOLICCHIO, Christian PHILIPON, Julie PHILIPPOT, Elisabete PIERRE, Victoria POLOVINKINA, Juliette PROMELLE, Pauline RAVEAU, Amandine REBUS, Vincent RENAUD, Christophe RENDU, Jean Loup ROCH, Anne ROCHON, Philippe RUEF, Maria Carolina SAFANELLI, Magueye SALL, Jean Ronald TERTULIEN, Patricia THAMON, Maxime TIHAY, David UGOLINI, Laure VINCOTTE MAGD

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OUR PARTNERS



NGOs and associate networks

Institutions and private supporters

























Entreprises

Public bodies











LYCÉE GAY LUSSAC

NOTES







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