SOLAFRICA

ANNUAL REPORT 2019

PREFACE

First and foremost, we would like to thank all our supporters who have made a happy and successful 2019 possible for us!

The year was fully in line with our vision, which the team and the Board of Directors developed together: **"All people have access to renewable energy and are part of a world in which climate protection is a reality."** We aim to achieve our vision by spreading solar energy through education, social entrepreneurship and the construction of non-profit solar power plants. In this way, we can help disadvantaged regions in Africa to achieve development that is not at the expense of climate.

Climate protection is on everyone's lips, and we are taking it into our own hands: Because renewable energies, and solar energy in particular, are helping to combat the climate crisis. This applies to Switzerland, but even more so to the countries of Africa with their many hours of sunshine and often non-existent or non-functioning electricity grids. In 2019, we were also committed to pushing our vision forward with partner organisations:

- The SolarChill pilot project, in which we electrified six health centres in Cameroon, was successfully completed. Preparations are now underway for the solar electrification of a further sixty centres.
- In the Democratic Republic of the Congo, we have expanded the vocational training program. In September, regular training started in Kinshasa with 26 participants.
- In Ethiopia, we successfully completed the solar technician pilot project and extended it to six additional vocational schools.
- Another twelve Scouts-go-Solar Ambassadors from ten nations were trained in Kandersteg in August, expanding our sphere of activity to over 30 countries.

And in Switzerland? If the last nuclear power plant is off the grid, the corresponding solar energy capacity must be available here. That is why we want to be increasingly solar-active here as well:

- Thanks to our new project Refugees go Solar, refugees and provisionally admitted persons in Switzerland receive training in solar technology, for example to help build solar companies in the Swiss energy revolution.
- With the solarvignette we directly promote Swiss solar power production.
- Further projects, for example with young solar pioneers, are in the pipeline.

2019 was also a great year for Solafrica in financial terms. Thanks to a polished profile, investments in marketing and increased sensitivity to our issues, Solafrica has continued to gain momentum. And of course, also thanks to the great support we received last year. It motivates us a lot and enables us to further expand our work. We are well positioned to work with you to increasingly protect the climate.

Sunny greetings!

Kuno Roth

Cédric Marty

Co-Presidents of Solafrica

„DURING OUR TRAINING WE ACQUIRED THE TECHNICAL KNOWLEDGE

to install solar systems for our families and our village communities. With these skills in my bag, I am confident that I can start my own business or find employment.“

Tsedekework Dibekulu,
Graduate of the training program Solar Learning in Ethiopia

CONTENT

01 VISION AND APPROACH

THE WORLD IS FACING A DILEMMA.

More than half a billion people in Africa have no access to a secure energy supply and are therefore disadvantaged in many areas of life. In the global north, on the other hand, nationwide, mainly fossil-fuelled power generation is the basis for prosperity. At the same time, it is one of the main causes of progressive climate change. Must development therefore always be accompanied by negative effects on climate? No, not with the right power supply.

AFRICA'S PRESENT IS STILL A LITTLE DARK AFTER SUNSET, IN THE LITERAL SENSE OF THE WORD.

After 6 PM, Africa is mostly in the dark. South of the Sahara, more than half of the population has no access to electricity, in some countries more than three quarters. It is therefore not possible for children to learn in the evening or to use modern technologies such as computers. And without electricity, vital drugs cannot be cooled in health centres. Anyone who can afford it gets a noisy diesel generator. Even more often people make do with petroleum lamps. However, these energy sources are expensive and a burden on both human health and our planet.

MANY EXPERTS AGREE THAT AFRICA'S FUTURE SEEMS RATHER SUNNY.

But only if ways can be found to tap into the almost limitless and freely available energy wealth of the sun. Falling prices for solar technology make solar energy not only the most reliable but also the cheapest source of energy for the people of Africa. However, in many regions there is a lack of financial resources and well-trained specialists to develop solar electricity production. Both are urgently needed.

FOR OUR CLIMATE, THE TYPE OF FUTURE ENERGY PRODUCTION IN AFRICA IS CRUCIAL.

Solar systems not only replace environmentally harmful diesel generators, but above all prevent future greenhouse gas emissions. This is because decentralized electricity production using solar technology makes the construction of a conventional electricity grid with fossil power plants superfluous.

FOR GLOBAL EQUAL OPPORTUNITIES, ALL PEOPLE NEED ACCESS TO A FUNCTIONING ENERGY SUPPLY.

If we want to combat the climate crisis, we must counter the spread of fossil fuels. Solar energy provides affordable, reliable and sustainable energy supply for the remotest corners of our world. At the same time, it protects the climate.

02 OUR PROJECTS

In 2019, Solafrica carried out projects in Ethiopia, Kenya, the Democratic Republic of the Congo, Cameroon and Switzerland. Furthermore, Solafrica was active worldwide with Scouts go Solar.


Switzerland
Ethiopia
Cameroon
Kenya
Democratic
Republic of the Congo

SOLAR LEARNING ETHIOPIA

56 OF 60 YOUNG PEOPLE

have successfully completed their training during the first two vocational training courses.

2 SMALL ENTERPRISES

were founded by the trained solar technicians.

In Ethiopia, very few households are connected to the electricity grid. The houses and settlements are spread over long distances in remote highland regions. An expansion of the electricity grid is not foreseeable due to the high costs and logistical problems. Decentralized solar systems offer a cost-effective and sustainable alternative. In order for decentralized energy supply to be sustainably established, training for solar technicians tailored to the region is needed. This is exactly what Solar Learning Ethiopia wants to offer.

ACTIVITIES AND RESULTS 2019

At the end of June 2019, 56 young people from the Amhara region successfully completed the first vocational training course at the two vocational schools Debre Birhan and Shewa Robit. During the eight-month training course, the young people learned how to dimension, install, operate, maintain and repair off-grid solar systems.

Practical on-the-job training

After the young people had learned the necessary technical skills and strengthened their business and social skills, practical training started, in which the apprentices could demonstrate their newly acquired abilities.

For example, as part of a solar installation at the remote primary school Arada outside the small town of Shewa Robit. Thanks to the improved energy supply, the school can now offer evening classes for adults and computer training for its students. The solar system also serves to sensitize the rural population to solar energy.

In the meantime, the trained solar technicians have founded two solar companies. The young companies have been networked with financial institutions and suppliers of solar material and are now receiving long-term support on their way to independence.

Project expansion to six vocational schools

In the summer of 2019, the pilot courses were evaluated and the curriculum and training materials were revised. In particular, the ratio between theoretical and practical training has been improved. In addition, 14 teachers received further training and the training program was extended to four more vocational schools.

In October, 173 new apprentices started their one-year training at six vocational schools in the Amhara region. The prospective solar technicians spend 80 percent of their time on practical instruction and on-the-job training.

Expenses 2019:
CHF 309 212

Percentage by position:
One person with 40 percent in Switzerland and 14 persons with 555 percent in Ethiopia.

Partner organisations:
Education for Sustainable Development, Helvetas Swiss Intercooperation

Solar installation at the remote primary school Arada.

PLANNING AND OUTLOOK 2020

It is planned for the spring of 2020 that the 56 solar technicians already trained will install small solar systems in 200 households. The 156 new apprentices will complete a practical training part in May 2020, where they will install solar systems at six off-grid schools and health centres. Following the examinations in August 2020, the training will be evaluated and revised. In September 2020, the young people will complete their vocational training. With the new school year, a total of 180 young people will start training in October 2020.

PROJECT MANAGEMENT

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SOLAR LEARNING KENYA

A future solar technician practices correct cable routing.

31 YOUNG PEOPLE

have completed their training in solar technology.

450 VILLAGERS

have gained access to light thanks to the solar systems installed, and can supply small electrical devices such as smartphones with electricity.

In the Homa Bay district of western Kenya, very few people have access to the electricity grid, and unemployment among young adults is high. Training in solar technology at the Sarah Obama Solar Learning Centre gives young people a perspective and the population access to renewable energy. Households, schools and health centres benefit from solar power and thus reduce the use of environmentally harmful alternatives.

ACTIVITIES AND RESULTS 2019

In 2019, 31 young people from Western Kenya were trained as solar technicians in two courses, one more than originally planned. A one-month intensive course at the Ramogi Resource Centre was followed by a three-month internship. The training focused on a theoretical and practical part in the installation, maintenance and repair of solar systems. The technical part of the training was supplemented by a module in business administration and self-management. The business studies module provided the young people with basic knowledge about setting up a business, accounting and marketing. During the self-management training, the participants learned how to make the best use of their potential and resources.

Practical training and micro-entrepreneurship

In 2019, solar technicians installed solar systems in 73 households. The young people were responsible for commissioning, dimensioning and installing the systems. Thanks to the installed solar systems and lighting, over 450 people in the region now have light and can supply small electrical appliances with electricity.

A total of 14 young people with entrepreneurial talent developed their own business ideas during the internship. After drawing up their own business plans, they received startup financing from the project. They were also networked with financial service providers and suppliers.

Further development of training and establishment of new partnerships

From November 2018 to May 2019, an analysis of training needs in the field of solar technology was carried out. The lack of skilled workers and the need for training in the field of solar energy were examined on a qualitative basis. Based on this, we have further developed the curriculum in order to align it with the market in the best possible way.

During the needs assessment, a project partnership was also established with the Ramogi Institute of Advanced Technology (RIAT). It is one of the leading technical training institutes in Kenya and the only active and at the same time official training institution in the field of solar technology in Western Kenya. RIAT will in the future be running an annual further training course for teachers as well as the two-week intensive courses for young people in the Solar Learning training program.

Expenses 2019:
CHF 107 865

Percentage by position:
One person with 40 percent in Switzerland and five persons with 350 percent in Kenya.

Partner organisations:
Ramogi Resource Centre, Ramogi Institute of Advanced Technologies

PLANNING AND OUTLOOK 2020

Based on the needs analysis, we have drawn up a project for the years 2020-2022. The new project approach is characterized in particular by the combination of non-formal and formal vocational training. This means that the young people first complete a one-month basic course in solar technology at the Ramogi Resource Centre. This gives young people who have lost their connection to the state education system the opportunity to re-enter. Afterwards they may complete the two-week state-approved training at the Ramogi Institute of Advanced Technologies with a certified degree. Three months of practical training complete the course.

PROJECT MANAGEMENT

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SOLAR LEARNING DR CONGO

13 YOUNG ADULTS

have successfully completed the one-year pilot course in 2018/2019.

21 YOUNG ADULTS

should complete vocational training in solar technology and micro-entrepreneurship in 2020.

The Democratic Republic of the Congo is among the ten least electrified countries in the world. At the same time, unemployment of young people is high, especially in urban areas.

The Solar Learning project creates career prospects through vocational training in solar technology and micro-entrepreneurship. In addition, the small-scale solar market in Kinshasa will be strengthened, whereby an entire region will benefit from easier access to solar energy. The trained solar specialists thus contribute to alleviating energy poverty and to the growth of the sustainable energy sector. Solar Learning kicked off in the summer of 2018 with a one-year pilot course in solar technology and micro-entrepreneurship at the Ecole professionelle du bâtiment (Eproba) in Kinshasa.

ACTIVITIES AND RESULTS 2019

Following the build-up phase, the focus in 2019 was on the further development of the course. Based on various findings and a survey of the participants, the learning manual and the pedagogical teaching materials were further developed. In addition, the teaching materials for the accompanying course in micro-entrepreneurship were completely revised and the teaching time was extended from one month to two months due to the extensive course content.

Start of second course

At the beginning of October 2019, the closing ceremony and certificate handover of the pilot class 2018/2019 took place. After a one-year training course, 13 participants received their certificate.

At the end of September 2019, Eproba officially started the second course with 26 participants. The new fee for all course participants is USD 30. This own financial contribution should ensure that only motivated students enter the training program and contribute to the sustainable implementation and development of the course.

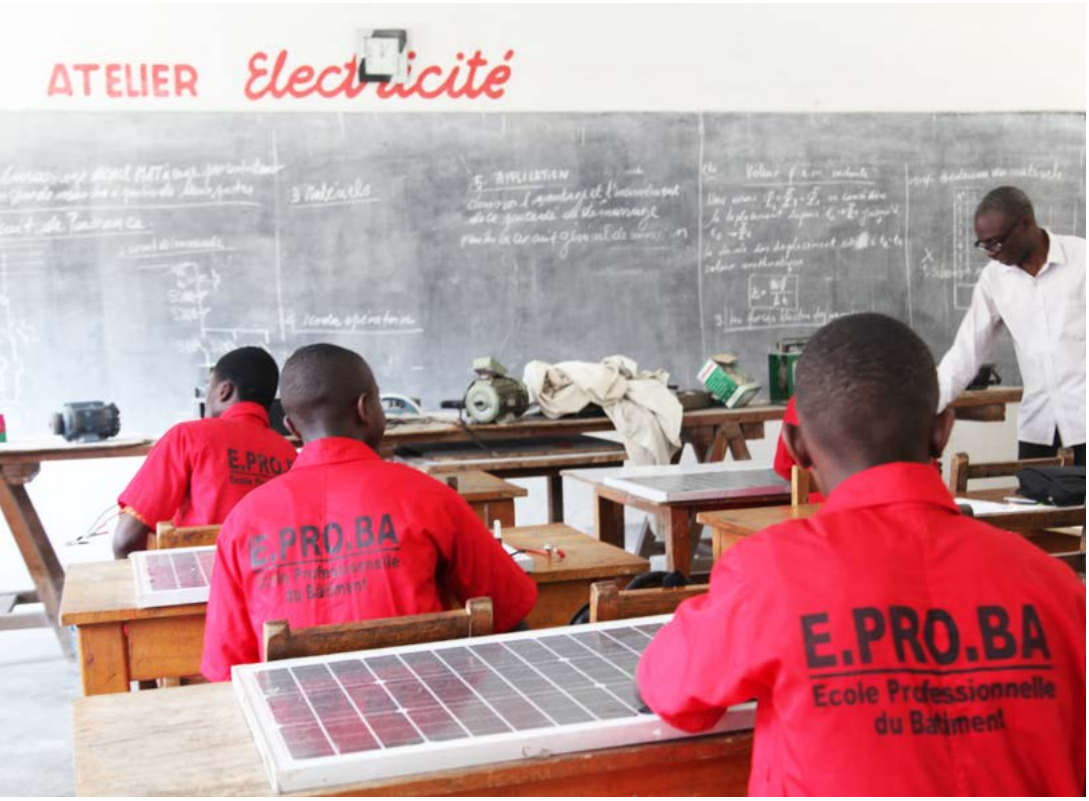
Partnerships in the solar market

A further goal of the program is to connect course participants with companies and thus increase their chances of finding employment. The extensive network of our solar expert on site helps us to establish and deepen contacts. So far, a local solar company has been supporting us with training, internships and follow-up solutions for our graduates.

Expenses 2019:
CHF 80 381

Percentage by position:
One person with 30 percent in Switzerland and six persons with 240 percent in DR Congo.

Partner organisations:
Ecole professionelle du bâtiment (Eproba)



Eproba students during lessons.

PLANNING AND OUTLOOK 2020

The three-month practical training will begin in February 2020, during which participants will be able to apply their theoretical knowledge of solar energy in practical settings using action and demonstration material. In the summer of 2020, participants in the second course will complete their training in solar technology and micro-entrepreneurship. In the future, the practical training should also include the installation of a solar system at a public facility, in order to make solar energy accessible to the general public. In 2020, the course and the course title should also receive state recognition.

PROJECT MANAGEMENT

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CLIMATE CARAVAN CAMEROON

Installation of a solar system on the roof of a health centre in Cameroon.

342 FAMILIES

in the Congo Basin rainforest have been given access to solar power for lighting and charging mobile phones from 2011 to 2019.

3 TO 5 DAYS

the solar-powered medicine refrigerator Solar-Chill can do without electricity – thanks to a built-in ice storage tank.

In southern Cameroon, where the rainforest of the Congo Basin begins, many people have no access to clean water, electricity or comprehensive health care. Solafrica has been active in this region with the Climate Caravan program since 2011. Since then, many families, schools and health centres have been equipped with solar systems. In addition, young people received training in solar technology.

ACTIVITIES AND RESULTS 2019

In order to promote sustainable, ecological development in the Congo Basin rainforest, Solafrica enabled a total of 342 disadvantaged families in remote village communities to access solar power for lighting and charging mobile phones between 2011 and 2019. The new owners were trained to maintain the systems.

In March 2019, a training course in solar technology was held. Since solar technicians had already been trained in the villages concerned in previous years, a refresher course was held during the installation work. In April 2019, the last 25 households were equipped with a solar system and in June the project Solar Energy for Self-Determined Village Development was completed.

The solarization of private households in rainforest areas in combination with the sensitization of villages for the protection of the forest and the climate will now be stopped for the time being. The installations have been heavily subsidized by European donors in recent years.

Nevertheless, it was difficult to find enough families who were willing to finance a contribution of about one quarter of the material costs themselves. There was not enough momentum of its own to boost and popularize solar energy in these rural areas, as had been hoped.

Project start „Solar energy for 60 rural health centres"

By March 2022, 60 rural health centres are to be equipped with solar energy through the Climate Caravan to ensure better basic medical care and thus improve the living conditions of the rural population. The project started in April 2019 and is still in the construction phase. A cooperation with the Ministry of Health is currently being established to integrate the project into the national vaccination program. Together, the health centres are to be evaluated, a maintenance and recycling management system is to be developed and training programs for the management of the medication cold chain are to be devised.

Among other things, the solar-powered medicine refrigerator SolarChill will be installed in the health centres. Thanks to a built-in ice storage tank, the refrigerator can maintain its function for three to five days without having to rely on the performance of batteries or rechargeable batteries. This allows drugs and vaccines to be cooled even in areas without electricity. In addition, solar systems for light will be installed, and a functioning drug management system will be introduced. The installations are supplemented by further training of health personnel in order to anchor the expertise locally.

Expenses 2019:
CHF 151780

Percentage by position:
One person with 60 percent in Switzerland and five in Cameroon.

Partner organisations:
Association Jeunesse Verte du Cameroun (AJVC)

PLANNING AND OUTLOOK 2020

The installation and training phase is scheduled for 2020. Once the manufacturers have been selected, the medicine refrigerators and solar systems will be supplied. In order to prepare the installations and further training, the evaluated health centres are visited by the local partner organisation AJVC.

PROJECT MANAGEMENT

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SCOUTS GO SOLAR

SOME 20,000 SCOUTS

took part in Scouts go Solar events around the world.

48 SCOUTS GO SOLAR ACTIVITIES

took place worldwide, in countries as diverse as Pakistan, Mexico, Ethiopia and Macedonia.

Sustainable climate protection requires a stable interest group that is committed to local and global action. The global scout movement with 50 million members represents exactly such a group.

The core of Scouts go Solar is therefore an annual solar training program at the Kandersteg International Scout Centre (KISC) for leaders of scout groups. During the practice-oriented training, participants learn how to use solar energy and develop a concept for implementing solar activities in their country of origin.

The aim is that a large proportion of scout organisations worldwide integrate solar education into their national education programs. Since the scout movement with its 50 million members is firmly rooted in their respective countries, it can trigger the necessary multiplier effect outside its movement. Scouts go Solar thus enables scouts and their communities to receive information on the topic of renewable energies and to achieve the long needed regional and global effect for people and the environment.

ACTIVITIES AND RESULTS 2019

In 2019, the Scouts go Solar training took place at KISC from August 19 to 27. Twelve group leaders from scout organisations from five of the six scout world regions took part. The group leaders came from Argentina, Brazil, Botswana, Eswatini, Honduras, Kenya, Malaysia, Morocco, Switzerland and Singapore. All group leaders were able to practice in technical matters: They soldered LED solar lamps, built solar games and constructed a solar case with LED lamps and a USB port. In addition, the program Scouts for SDGs (Sustainable Development Goals), recently introduced by the World Organization of the Scout Movement (WOSM), of which Scouts go Solar is now an official project, was presented. The partnership and the strengthened promotional work with WOSM makes it much easier for us to introduce Scouts go Solar to scout organisations worldwide.

Projects around the globe

In 2019 Solafrica supported projects of solar ambassadors around the globe. In the Philippines, schools and community centres were equipped with solar emergency kits to deal with power shortages after typhoons. In Mexico, scouts and guides introduced solar cookers in the community kitchens of earthquake-ravaged villages. And in Pakistan, 10 deaf or mute group leaders were trained in a one-week solar training course, thus successfully completing the project. In addition, there were various solar activities worldwide: In Macedonia, during a solar workshop a solar system was installed on a scouts centre without electricity, and in Bhutan the first Scouts go Solar training was held for 60 group leaders who are now implementing Scouts go Solar activities throughout the country. In Botswana, the scout organisation's campsite was solarized to reduce night-time hazards.

Participants of the Solar Ambassadors Workshop 2019 in Kandersteg.

Expenses 2019:
CHF 74125

Percentage by position:
One person with 60 percent in Switzerland and four persons with 40 percent abroad. The person responsible for education at WOSM, Cynthia Marquez, also works for the project and is paid by WOSM.

Partner organisations:
World Organization of the Scout Movement (WOSM)

PLANNING AND OUTLOOK 2020

The next Scouts go Solar training will take place from August 22–30, 2020 at KISC. Scouts go Solar will continue to implement activities in the project countries Mexico and the Philippines in 2020. In 2020, Zimbabwe joins as a new project country to start raising awareness on the use of solar energy. In addition, the 74 trained solar ambassadors will again be involved in various activities: Rhodah Ndegwa from Kenya, for example, plans to provide children from remote communities with a solar lamp for their homework and to educate them on the simple use of solar energy.

Dino Carini and Maia Honczaryk from Argentina organise Scouts go Solar workshops in a scouts centre in Necochea and thus integrate Scouts go Solar into the national education program.

PROJECT MANAGEMENT

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REFUGEES GO SOLAR

7 OF 8 PARTICIPANTS

found a follow-up solution in the first labour market.

24 PERSONS

should complete the training in 2020.

With the Refugees go Solar program, Solafrica, together with its partner organisations from industry and social services, wants to contribute to the promotion of labour market integration of refugees in the solar industry. In a specialist course, participants acquire a basic knowledge of solar technology and develop their professional and safety skills for operational use. Afterwards, the participants complete an accompanied two-month internship with a Swiss solar company, where they put into practice what they have learned in the assembly of solar modules on roofs. By using their skills in a solar company, they are sensitized to environmentally friendly actions and thus make their contribution to climate and environmental protection.

ACTIVITIES AND RESULTS 2019

In 2019, Solafrica and its project partners Youth on the Roof and Root & Branch (formerly In-Limbo) successfully implemented the pilot project Solar Vocational Integration. Eight motivated persons from the asylum and refugee sector were selected to participate in the project (recognized Refugees, provisionally admitted persons and asylum seekers). During a one-week introductory course the participants acquired basic knowledge in solar technology. During the short training, amongst others, the participants acquired the theoretical basics of photovoltaics, received an introduction into renewable energies, built small devices with solar energy such as solar lamps, and completed a safety course regarding working on roofs.

In a one- to three-month paid internship at Swiss solar companies Helion Solar AG and ISP Electro Solutions AG, they were then able to consolidate what they had learned by working on the installation of solar modules. Seven of the eight graduates found a follow-up solution in the regular job market during or after the internship. In the assembly of solar modules, different professional fields come together. A follow-up solution is thus also possible in many other trades.

A participant helps with the installation of solar modules during his internship.

Expenses 2019:
CHF 22 833 (will be shown in the financial statements under other projects)

Percentage by position:
The pilot project was carried out with a lot of voluntary commitment and only minimal manpower.

Partner organisations:
Youth on the Roof, Root & Branch (formerly In-Limbo), Swissolar

PLANNING AND OUTLOOK 2020

Thanks to its successful implementation, the project will continue in 2020. In the future, the focus will be on the target group of provisionally admitted and recognized refugees. Since the focus for this target group is now on rapid work integration, the project will be scalable throughout Switzerland. The aim is to conduct two short training courses with a total of 24 participants and subsequent internships.

PROJECT MANAGEMENT

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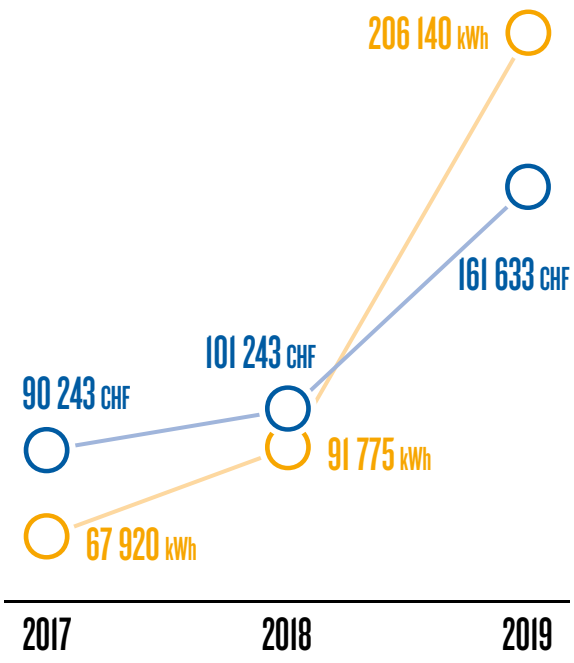
SOLARVIGNETTE

The solarvignette stimulates the demand for solar power. This is generally rather low in Switzerland and tempts electricity companies to pay private solar power producers only the legal minimum for solar power fed into the grid. In the medium term, increased demand will lead to an expansion of supply and thus to more solar electricity in Switzerland. The solarvignette makes it possible to cover the average power consumption of a device (mobile phone, laptop, e-bike, refrigerator or electric car) with solar power. Solafrica obtains the solar electricity for the solarvignette from Stromallmend of the Swiss Energy Association. Solafrica is a major consumer of the network via solarvignettes and pays the producers a fair price for energy produced. The proceeds from the sale of the vignettes will flow into Solafrica's projects. Thus, the purchase of solarvignettes not only promotes solar energy in Switzerland, but also in the other project countries.

ACTIVITIES AND RESULTS 2019



We were able to continue the growth of recent years also in 2019. The amount of solar power subsidized has more than doubled to over 206,140 kWh, and sales grew by 60 percent to CHF 161,633. Such success does not come by chance. Solafrica has expanded its range of products and, in addition to the well-known solarvignettes for mobile phones, laptops and e-bikes, has now launched a solarvignette for refrigerators and electric cars. The new vignettes cover significantly larger amounts of energy with solar power (200 kWh for the refrigerator, 2,000 kWh for the e-car) and thus contributed to the strong growth in the amount of subsidized solar power. In addition to the new solarvignettes, the Solarschoggi concept was completely revised in 2019. This now comes in a stylish cardboard box that protects the sweet contents and enhances the SolarSchoggi even more. In addition, the homepage was redesigned and an online shop was set up that simplifies the ordering process and offers the option for direct online payment.

Communication measures

In 2019, a great deal was also invested again in the announcement of the solarvignette. Filler ads in the respective ad sizes were prepared for all major Swiss newspapers. The effort was worth it and resulted in many free advertisements. With online advertising, new solarvignette customers were also acquired via the digital channel. The advertising was placed selectively and target group-specifically. Furthermore, a promotional video was shot, which shows the connection between renewable energy supply and climate change. With a few targeted sponsorships, such as "bike to work," the product was made known to an even larger target group.

In 2019 a solarvignette for the refrigerator was launched.

Expenses 2019:
98 060 Franken

Percentage by position:
Four people with a total of 80 percent in Switzerland.

Partner organisations:
Energy Association Switzerland

PLANNING AND OUTLOOK 2020

Every year, the solarvignette inspires more and more people who would like to contribute to the energy revolution and climate protection. Nevertheless, the solarvignette still raises questions among many interested parties. The topic of our energy supply and how the complex system works is also not easy to understand. In 2019 the presentation of the support mechanism was therefore completely revised. This development will continue and will not stop at the presentation, but will review the entire support mechanism with the aim of simplifying it.

PROJECT MANAGEMENT

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03 SOLAFRICA AS AN ORGANISATION

Solafrica is an independent Swiss non-profit organisation. Through education, social entrepreneurship and the construction of non-profit solar systems, it is spreading the use of solar energy, especially in Africa. Solafrica thus enables social and economic development that is not at the expense of the climate.

Solafrica bears the Zewo seal of approval, is a member of the Climate Alliance and aligns its projects with the United Nations Agenda 2030 for Sustainable Development (SDG). Specifically, Solafrica focuses its activities on the following two objectives:

SDG 7: Ensure access to affordable, reliable, sustainable and modern energy for all.

SDG 13: Take urgent action to combat climate change and its impacts.

The Solafrica team: Akos Lukacs, Pirmin Bütler, Tina Hügli, Luis Guerra, Andrea Walker, Daniel Salvisberg, Kuno Roth, Elias Kost, Marieline Bader.

BRANCH OFFICE AND STRUCTURE

Solafrica is organised as an association, its members are the Board of Directors and its permanent employees. It is not possible for private or legal persons to hold shares in Solafrica.

The management of Solafrica is executed by Elias Kost, M. Sc. Environmental Sciences ETH and M. A. Public and Non-Profit Management; his deputy is Jolanda Fritschi, M. A. Development Studies IHEID. In 2019, nine persons shared a total of 590 work/employment percent (as of December 31, 2019. In 2018: Eleven persons, 510 work / employment percent). In addition, two people are employed on an hourly basis. Almost 45 percent of employees are women, and all employees work part-time. Solafrica also regularly engages people doing civilian service who are compensated by the Swiss Confederation for their efforts. In 2019, the employees of Solafrica worked 1,361 hours on a voluntary basis.

BOARD OF DIRECTORS

The executive body of Solafrica is the Board of Directors. In 2019, the following persons were members of the Board of Directors:

- Cédric Marty, M. Sc. Management Technology and Economics ETH, Co-President
- Dr. Kuno Roth, Dr. rer. nat. Chemistry, Human Ecologist, Environmental Pedagogue, Journalist, Co-President
- Carmen Carfora, lic. phil. UZH, MAS Communication Management and Leadership, Communication
- Flora Conte, M. Sc. Environmental Sciences ETH, Project Performance
- Raphael Engler, M. Sc. Management Technology and Economics ETH, Governance and Risk Management
- Joël Jeanloz, M. A. International Affairs & Governance, Business and Technology
- Daniel Wyniger, lic. rer. pol., dipl. Auditor, Finances

The Board of Directors works on an honorary basis and is in constant contact with the management. Five meetings of the Board of Directors were held during the reporting period. Members of the Board of Directors are recruited through official application procedures by the management and the chair(s) of the Board of Directors and elected by the members of the association (the Board of Directors and the permanent employees) for a term of three years. The responsibilities and competences are governed by paragraphs VI and VII of the Articles of Association (see www.solafrica.ch/ueber-uns/jahresberichte). Resolutions of the Board of Directors are passed by simple majority and recorded in written minutes. The Board of Directors has a quorum if at least two members are present.

ADVISORY BOARD

The Advisory Board is a body of experts who may be included in the work of Solafrica for specific topics and tasks. They supplement our office and the Board of Directors with their expertise.

- Barbara Kummler, Graduate of Media Science, Head of Major Communications, Lecturer and Project Manager Lucerne University of Applied Sciences and Arts, Business, Marketing and Communications
- Claudio Clematide, M. Sc. in Business Administration, Finances
- Fabienne Biedermann, M. A. German Studies, Editorial Department
- Marc Lombard, Sports Management VMI University of Freiburg, Database Management

ENVIRONMENT AND SOCIAL AFFAIRS

SUPERVISORY BODY AND CONTROL

Solafrica has been Zewo-certified since 2015. With its 21 standards, this seal of approval distinguishes reputable organisations that use donations in a purposeful, efficient and impact-oriented way. Zewo regularly checks the compliance of aid organisations with quality seals with the strict requirements.

MEMBERSHIPS IN OTHER ORGANISATIONS

Solafrica is a member of Swissolar and the Climate Alliance. Swissolar is the Swiss Association for Solar Energy and promotes the use of solar energy in Switzerland. The Climate Alliance is an alliance of more than 80 civil society organisations throughout Switzerland which advocates for an ambitious climate policy.

CONTACT

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Climate protection is the declared goal of Solafrica. So, it goes without saying that this is also demanded and promoted within the organisation. Solafrica offers its employees fair and progressive working conditions.

ENVIRONMENTAL PROTECTION

For the coordination of our international projects we sometimes have to fly. As a climate protection organisation, however, we attach great importance to creating as few flight kilometres as possible and communicate mainly electronically. On average, our projects are visited about once a year by the responsible person.

Solafrica also attaches great importance to the use of high-quality and durable solar material in order to generate as little waste as possible. In addition, we are working on projects to counteract the problem of the often lacking recycling system. Within the Solar Learning project in Kenya a training module in recycling and e-waste management has been developed, which will be taught starting in 2020. We also have a recycling strategy whereby batteries and electronic waste are collected and sent to recycling companies.

SOCIAL AFFAIRS

During the biweekly team meeting, decisions affecting the development of the organisation are discussed together. Working hours can be arranged flexibly and working in part from a home office is possible.

Communication at eye level and close cooperation is also maintained with the partner organisations. Strategic decisions are prepared and made together. Solafrica attaches great importance to growing and developing together with its partners.

04 FINANCES AND ACCOUNTING

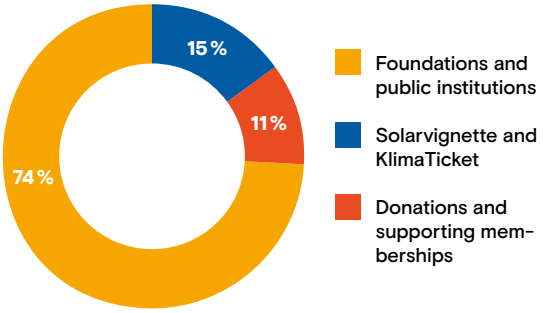
FINANCIAL SITUATION AND PLANNING

From a financial perspective, 2019 was a great year for Solafrica. Thanks to the expansion of projects and increased income from donations, total earnings amounted to almost CHF 1.2 million, which is a 32 % increase compared to the previous year. This positive development enabled Solafrica to build up relevant organisational capital for the first time in the year under review.

74 % of expenses in 2019 were directly allocated to project work (previous year: 78 %). Administrative expenses amounted to 8 % (previous year 11 %), and expenses regarding fundraising and communication amounted to 18 % (previous year 11 %). This increase is due, among other things, to the revision of the website and the corresponding homepage, as well as the expansion of the team.

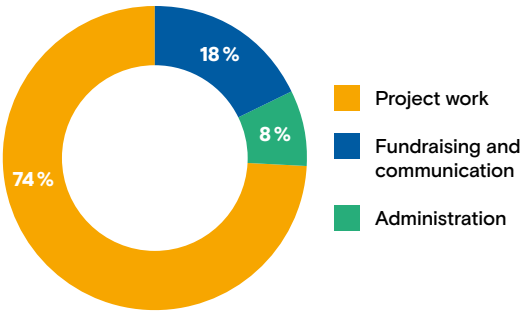
SITUATION IN 2019

Origin of funds



Solafrica continues to be largely financed by contributions from institutional donors such as foundations, cantons and municipalities (74 %). At the same time, we were able to create a broader base for financing, and the proportion of free contributions (donations, sponsoring memberships, KlimaTicket and solarvignette) increased from 18 % to 26 % compared to the previous year.

Use of funds



PLANNING 2020

In 2020, Solafrica aims to continue to achieve healthy growth through targeted communication measures and the launch of new projects. In addition, necessary investments in the administrative infrastructure are planned. Processes are to be simplified and paths shortened, with the aim that even more funds can be used directly for the implementation of projects.

CONTACT

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↗ *www.solafrica.ch/ueber-uns/finanzierung*

P/L STATEMENT

P/L STATEMENT	2019	2018
EARNINGS		
DONATIONS WITHOUT PURPOSE		
Donations private persons	113 925	50 346
Donations institutions	18 037	18 234
Total donations without purpose	**131 962**	**68 580**
EARMARKED DONATIONS		
Solar Learning Kenya	116 063	155 112
Climate Caravan Cameroon	217 588	179 533
Artistes-éclairs Burkina Faso	0	10 000
Solar Learning Ethiopia	363 949	243 484
Solar Learning Dem. Rep. Congo	73 804	24 174
Scouts go Solar	74 980	87 501
Refugees go Solar	5 600	0
Further projects	16 140	0
Total earmarked donations	**868 124**	**699 803**
OTHER EARNINGS		
Solarvignette	161 633	101 243
KlimaTicket	8 315	8 805
Miscellaneous other earnings	1 828	2 304
Total other earnings	**171 776**	**112 352**
EXTRAORDINARY RESULT		
Extraordinary earnings	0	561
Extraordinary expenses	-3 457	0
Total extraordinary result	-3 457	**561**
TOTAL EARNINGS	**1 168 405**	**881 296**

	2019	2018
EXPENSES		
DIRECT PROJECT EXPENSES		
Solar Learning Kenya	107 865	141 916
Climate Caravan Cameroon	151 780	167 697
Artistes-éclairs	0	7 822
Solar Learning Ethiopia	309 212	215 854
Solar Learning Dem. Rep. Congo	80 381	42 270
Scouts go Solar	74 125	81 143
Refugees go Solar	0	0
Further projects	22 833	0
Solarvignette	49 030	30 543
Total direct project expenses	**795 226**	**687 244**
EXPENSES FOR FUNDRAISING		
KlimaTicket	2 447	5 380
Personnel costs fundraising	72 737	55 977
Solarvignette	49 030	30 543
Total expenses for fundraising	**124 214**	**91 900**
OTHER ADMINISTRATIVE EXPENSES		
Advertising and communication	65 412	31 672
Branch office	40 901	31 426
Write-offs	197	217
Administration	48 277	35 695
Other expenses	80	33
Total other administrative expenses	**154 866**	**99 011**
TOTAL EXPENSES	**1 074 307**	**878 155**
Result before fund changes	**398 895**	**59 325**
FUND CHANGES		
Withdrawals earmarked funds	165 383	109 199
Allocations earmarked funds	-470 181	-165 383
Total fund changes	**-304 798**	**-56 184**
Annual result after fund changes	**94 098**	**3 141**
Allocation of organisational capital	**-94 098**	**-3 141**
ANNUAL RESULT AFTER ALLOCATIONS	**0**	**0**

FINANCIAL STATEMENT

FINANCIAL STATEMENT	2019	2018
ASSETS		
Cash and cash equivalents	465 419	182 440
Receivables from third parties	150 157	28 105
Paid expenses of the following year	0	0
Current assets	**615 575**	**210 545**
Active IT	622	820
Fixed assets	**622**	**820**
TOTAL ASSETS	**616 198**	**211 365**
LIABILITIES		
Liabilities towards third parties	46 561	40 624
Expenses not yet paid	0	0
Current liabilities	**46 561**	**40 624**
Long-term liabilities	**0**	**0**
Fund Solar Learning Kenya	12 137	0
Fund Solar Learning Ethiopia	25 282	56 516
Fund Climate Caravan Cameroon	327 020	33 202
Fonds Solar Learning Dem. Rep. Congo	30 067	25 826
Fonds Refugees go Solar	24 400	0
Fonds Scouts go Solar	51 275	49 839
Fund capital	**470 181**	**165 383**
Organisational capital	**99 456**	**5 358**
TOTAL LIABILITIES	**616 198**	**211 365**

The complete and audited annual financial statement including the audit report can be downloaded from ↗ *www.solafrica.ch/jahresbericht* or ordered via *info@solafrica.ch*. Finances have been audited according to Swiss GAAP FER 21 by the auditor Matthias Günter, Zurich.

FUNDING SOURCES

Solafrica is financed through donations, contributions from the public sector and proceeds from the sale of its own products.

INSTITUTIONAL DONORS

Many thanks to the following foundations, cantons, municipalities and parishes, which made Solafrica's projects possible in 2019:

- AGAPE Stiftung
- Anne Frank Fonds
- atDta – Stiftung Hilfe zur Selbsthilfe
- Claire Sturzenegger-Jeanfavre Stiftung
- EKOenergy Klimafonds
- Evangelisch-reformierte Kirchgemeinde Gsteig-Interlaken
- Evangelisch-reformierte Kirchgemeinde Spiez
- Evangelisch-reformierte Kirchgemeinde Steffisburg
- Evangelisch-reformierte Landeskirche beider Appenzell
- Finanzverwaltung Kanton Basel-Stadt
- Gamil-Stiftung
- Gemeinde Herrliberg
- Gemeinde Meilen
- Gesundheits-, Sozial- und Integrationsdirektion Bern
- Julius Bär Stiftung
- Katholische Kirchgemeinde Rapperswil-Jona
- Leopold Bachmann Stiftung
- Lotteriefonds Kanton Bern
- Medicor Foundation
- Otto Erich Heynau-Stiftung
- Römisch-Katholische Gesamtkirchgemeinde Bern und Umgebung
- Schweizerische Flüchtlingshilfe
- S. Eustachius Stiftung
- Staatssekretariat für Migration SEM
- Stiftung Aurea Borealis
- Stiftung Drittes Millennium
- Stiftung für Gegenwart und Zukunft
- Stiftung für praktische Berufsbildung in Schwarzafrika
- Stiftung Temperatio
- Umweltstiftung Greenpeace
- UsitawiNetwork Foundation
- U.W. Linsi-Stiftung
- Verein „Solardach Titus Kirche“
- Vontobel-Stiftung

„Solafrica has shown that Ethiopia lacks a solid education in solar technology. This is despite the fact that there is a great need for solar specialists in the country. This has prompted us to invest in this future-oriented training. The fact that Solafrica developed the concept together with Ethiopian organisations has also shown us that we share the same values: Being brave, sharing knowledge, motivating each other on equal terms and at eye level.“

Christoph Schmocker, Managing Director, Julius Bär Stiftung

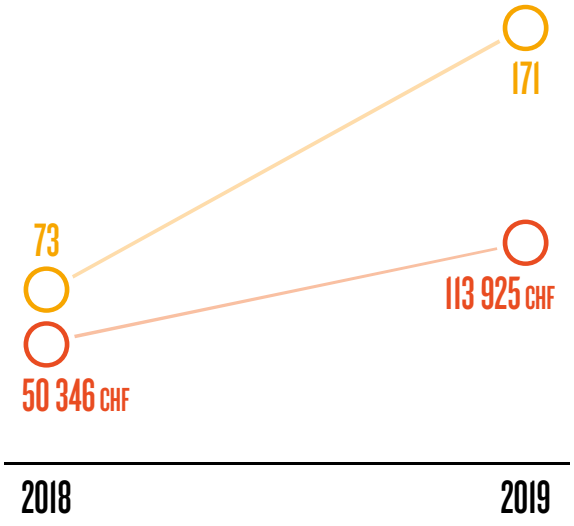
COMPANY

Many thanks to the following companies who have supported Solafrica in 2019:

- Energie Wasser Bern
- Energie Zukunft Bern
- Edisun Power Europe AG
- Losinger Marazzi
- Vivi Kola GmbH

PRIVATE PERSONS

The income from donations from private persons increased significantly last year to around CHF 113,925. The significant additional revenue is the result of investments in this area. Growth was also recorded in the sponsoring membership program, which was launched in 2018. The high-voltage members almost doubled to 39 members, regular members almost tripled to 132 members. With further investments, similar growth is also targeted for 2020.



Total sponsoring members
Total private donations

KLIMATICKET

The KlimaTicket replaced the earlier offer of CO2 compensation at the beginning of 2019. At Solafrica, air travellers have the opportunity to offset the negative impact of their flights on the climate in a sustainable way by supporting solar projects in Africa. The amount of compensation depends on the distance travellers fly and is divided into the categories of short, medium and long distance. In 2019, CHF 8,315 were raised with the KlimaTicket. The KlimaTicket concept will be further developed and expanded in 2020.

IMPRINT

This annual report refers to the activities of Solafrica between January 1, 2019 and December 31, 2019. It is based on the Social Reporting Standard 2014 of the association Social Reporting Initiative e.V.

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500

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Pictures were taken by employees and the Board of Directors of Solafrica or by partner organisations.

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DILIGENCE AND TRANSPARENCY

Solafrica has been Zewo-certified since 2015. This seal of approval stands for:

- dedicated, economic and effective use of your donation
- transparent information and meaningful accounting processes
- independent and purposive control structures
- honest communication and fair fundraising

Your donation in good hands.

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