

**engineers
without borders**
SWEDEN

ANNUAL REPORT

2019

ABOUT US

Engineers Without Borders Sweden is a non-governmental, non-political and non-religious volunteer organisation striving to make a long-term impact by addressing challenges linked to the United Nations Sustainable Development Goals. With engineering expertise from industry and academia, we are active both in Sweden and internationally to solve engineering challenges related to inequality and global development. The access to quality education, sustainable energy, clean water and sanitation are some of the key areas in which we are active.

ENGINEERING FOR HUMANITY



Uppsala University's career council participated for the third year in a row in E2E Recruitment Day

MISSION & VALUES

Through humanitarian engineering we engage, inspire & unite people to build a sustainable future.

CURIOSITY

EQUALITY

INCLUSIVITY

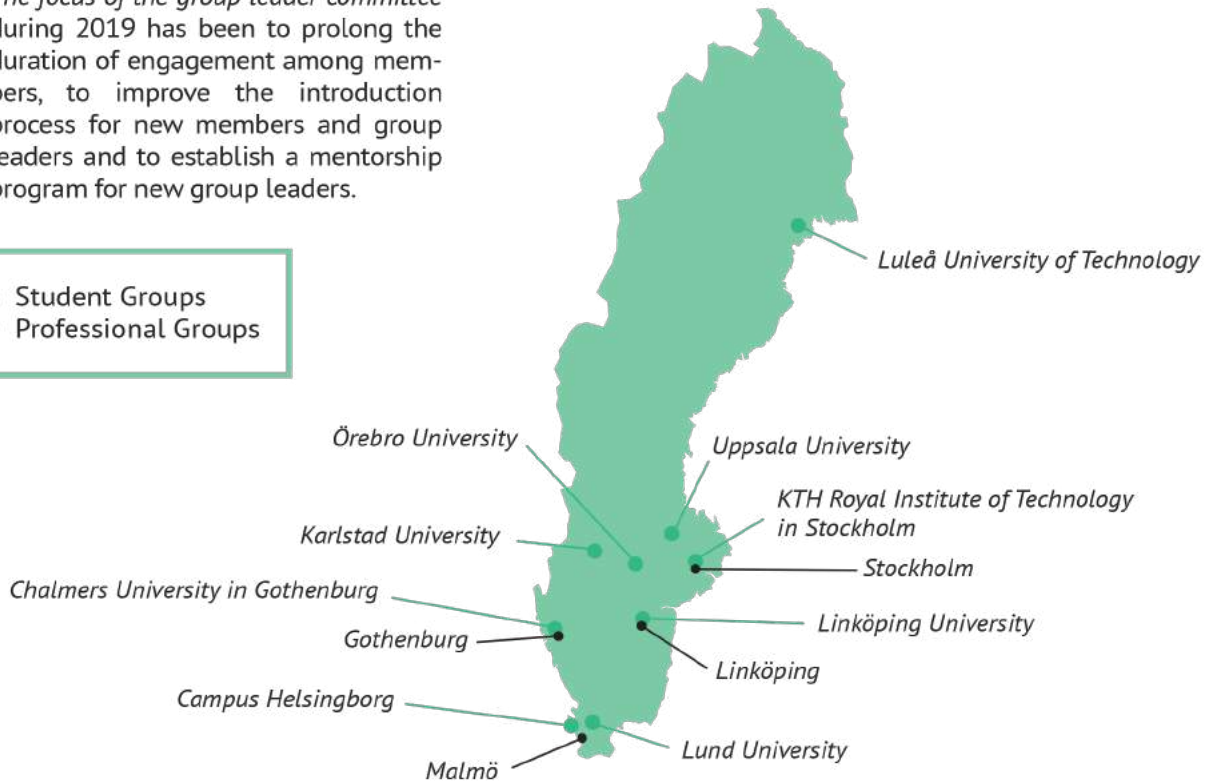
SUSTAINABILITY

INTERNAL ORGANISATION

Most of our volunteers are contributing to the activities of the organization through our local groups. At the end of 2019, we had 13 local groups spread across Sweden. Four of these consist mainly of professional engineers, and the remaining nine of students. The professional group in Linköping and the student group at Örebro University were formed during 2019.

The focus of the group leader committee during 2019 has been to prolong the duration of engagement among members, to improve the introduction process for new members and group leaders and to establish a mentorship program for new group leaders.

- Student Groups
- Professional Groups



Annual meeting 2019 in Gothenburg

13
LOCAL
GROUPS



CLOSE TO
1100
MEMBERS



AROUND
400
ACTIVELY
CONTRIBUTING

VOLUNTEER
BASED
ORGANISATION



YOUNG
ENGINEERS
& STUDENTS

60%

+

40%

SENIOR &
ESTABLISHED
ENGINEERS



EQUAL GENDER
DISTRIBUTION

WHY WE ENGAGE

"I am inspired by meeting and working with committed people who all make a good and important contribution to a better and more sustainable world."

Mårten / HEAD of PR at Linköping University

"I am engaged in EWB-SWE to fill my personal need to see a result, something that I don't necessarily get out of just studying at Uni. To be able to fill that need and at the same time help people is what really keeps me engaged in the organization"

Mathias / GROUP LEADER in Uppsala

"I engage in EWB-SWE because I believe in the organization's agenda and goals. My perception is that the steering group is humble and critical of itself and eager to improve. This is why I'm inspired to work with EWB-SWE and through the organization try to make a small impact in the world we are living in. I'm inspired and look up to the people I work with in EWB-SWE and I believe that by engaging in the organization I can grow as an individual."

Maria / INTERNATIONAL PROJECT SECRETARY

BOARD AND NATIONAL MANAGEMENT

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The Board had 12 regular recorded online meetings and two meetings face-to-face where long term goals and overall strategies were discussed. In addition to the board members shown above, the Secretary General Caroline Bastholm is a permanent member of the board. Amanda Lindén Guíñez and Barbro Ellerbrock are permanently taking part in the board meetings. Rosalie Johnson was appointed Head of Inspire Youth in June 2019 and has taken part in the board meetings since that. The board is acting on a voluntary basis, and all members are operational and actively contributing to the work of the organisation in general and within their specific area of responsibility in particular.

During 2019, the EWB-SWE office had four staff members making up 1.45 full time equivalents in total. In late 2019, a recruitment process started to replace the part time role as Project leader of the Sandvik Partnership with a full time or nearly full time position also coordinating our other corporate partnerships. This person will start in 2020.

COMMUNICATION

In April 2019, EWB-SWE decided on a new logotype and graphical profile. It was developed in a thorough process starting in 2018 and decided upon in a voting process in early 2019. It is strongly based on the values of EWB-SWE, which were established the year before. Our partner company Alten was leading both the research preceding the graphical work and the development of the graphical design. During 2019, we have developed graphical material and we will continue to do so in 2020.



During autumn 2019, EWB-SWE mail subscribers reached 3 573. The popup window introduced in 2019 on EWB-SWE website led to 1 500 new subscribers. The subscribers were divided into segments (sponsors, members and followers) and 14 specified newsletters/announcements were sent during the year. Sending different information depending on the subscriber group led to a lower unsubscription rate.

During 2019, ewb-swe.org had 22 300 visitors and 53 400 page visits, an increase of 62,8% and 57,2% from last year.



6 900
followers



766
followers



6130
followers

WHAT WE DO

EWB-SWE work towards the United Nations Sustainable Development Goals is split between different operations:

- ENGINEER TO ENGINEER (E2E)
- THE REFLECTIVE ENGINEER (TRE)
- INSPIRE YOUTH
- INTERNATIONAL PROJECTS
- OPENHACK

ENGINEER TO ENGINEER

2019 was a successful year for **Engineer to Engineer (E2E)**. During the year E2E continued working towards creating a labor market with equal opportunities for everyone through being a platform that enables newly arrived professionals to network and gain the necessary tools to enter the Swedish labour market. Throughout Sweden 18 separate events, and some recurring ones, were conducted reaching up to 500 participants. As a broad integration project, the participants included asylum seekers, recently arrived professionals with residence permit, university exchange students and already working professionals. The participants meet on the basis of their shared professional identity and, most often together with an invited company, realize an activity.

Fortunately, most feedback received from the participants have been strikingly positive with participants reporting that the events broadened their professional networks, strengthened their confidence within a technical field and were generally pleased with the events. As one participant in Uppsala wrote after an interview training event:

“ Thanks to the E2E team for this event! You deserve a big applause.

In order to keep an active network between events, a national E2E group on LinkedIn was created during the fall and has since then been actively moderated.



E2E event / long-term contact with participants

Ranging from networked focused events, such as recruitment fairs and strategic networking breakfasts, to skill oriented events such as CAD courses, interview training and LinkedIn optimization, the event topics have been varying.

To realize all events E2E has been in close contact with our helpful partner companies and also some external enterprises. Due to the opportunity to meet several foreign born professionals, in a time when many companies struggle to find the right employees, the cooperation has often been highly appreciated. As one company representative wrote:



Thanks a lot for important work! We are constantly looking for new talent and we are happy for you to forward potential candidates you come in contact with to us. Lack of a valid work permit is not an issue.

Matching relevant participants with companies and reaching a 92% rate of participants that feel they have learnt something new from the event they have participated in, would be impossible without all dedicated E2E volunteers. Throughout this year, over 50 volunteers in seven local groups have dedicated large amounts of their free time into pushing E2E forward.

CONNECTION TO SDGs, MISSION, VALUES:

- SDG 4 Quality Education, SDG 8 Decent Work and Economic Growth, SDG 10 Reduced Inequalities
- Closely connected to our values of equality, (social) sustainability and inclusion.
- E2E tries to achieve a labour market with equal opportunities for everyone and is achieving that through being a platform that enables newly arrived professionals to network and gain the necessary tools to enter the Swedish labour market.

Caring volunteers are keys for our common success.
Here follow three quotes from E2E volunteers:

"What inspires me with E2E is the positive impact we can have on a person's life. I empathize with my fellow engineers that are unable to work within the field they love. It is an unfortunate waste of talent when people with great experience and competence aren't able to work in their desired field. With E2E we are able to create new opportunities for the engineers which I think is amazing!"

Lilian, HEAD of E2E in Linköping



"I think it's a big waste that well educated engineers from around the globe go without a job here in Sweden because of small things such as resume, connection and cultural differences that don't determine how good of an engineer a person is. According to SCB we have a lack of engineers in almost every sector and I want to fill the gap between people wanting a job and companies needing engineers."

Karl, PR responsible for E2E in Uppsala

"I joined E2E to help the newly arrived in Sweden to integrate with the Swedish society and unlock their potential by finding work and connections."

Active Member in Malmö



First E2E event at KTH Royal Institute of Technology in Stockholm

THE REFLECTIVE ENGINEER

A centerpiece of our mission to engage, inspire and unite people to build a sustainable future are our activities conducted by *The Reflective Engineer (TRE)*.

By workshops, lunch lectures, case nights, discussion pub nights, among others, TRE has during 2019 contributed to an active discussion about the role of an engineer in building a sustainable society. Which ethical rules could, and perhaps should, be applied to the development of machine learning and artificial intelligence? How can we build a sustainable, yet rentable, fishing industry? What role should non-governmental organizations, such as EWB-SWE, play in the achievement of the global sustainable development goals? How can we design user-friendly wheelchairs? These are some examples of the topics that have been raised and thoroughly discussed during some of our 21 performed events during the year. What all activities have in common though is that we explore complex, and sometimes controversial, topics that are connected to the role of being an engineer in a rapidly changing world.

One key factor why TRE has been successful in engaging several hundreds university students is that it elucidates topics from different, often conflicting, perspectives.

TRE does not provide an answer to the ethical dilemmas but instead opens up a highly appreciated platform for discussing them. One of the around 40 volunteers within TRE is Frida Moberg, head of TRE at Chalmers University of Technology, who shares this belief:



When I first joined the organization it was because I wanted to engage in a student organization and EWB-SWE offered that in combination with working with questions regarding sustainability, which really interested me. That is now more than two years ago and what keeps inspiring me is of course that I feel how important, actually necessary, the work that we do is. But most of all I feel inspired by the people that I have had the opportunity to meet and get to know during these years. To hear their stories and ideas make me want to keep developing and be a part of what we achieve as a group!

CONNECTION TO SDGs, MISSION, VALUES:

- SDG 4 Quality Education, SDG 12 Responsible Consumption and Production



Interested students after TRE lunch lecture about the innovation “Solvatten” at Linköping University



Clothes exchange day arranged by TRE Linköping to raise awareness on sustainability in the clothing industry



Lunch lecture with our partner Sandvik hosted by TRE Uppsala

INSPIRE YOUTH



Inspire Youth's objective is to create a sustainable and equal future where youths can succeed in their studies - making it possible for them to pursue engineering or other higher education, regardless of social inequalities. We encourage and support the young individuals to achieve their true potential. We achieve our vision by an inclusive leadership – inspiring, motivating and actively helping youths in their studies on a local and national level.

Inspire Youth is presently active in Linköping, Lund, Gothenburg and Uppsala. The majority of our volunteers are students and a small part are professionals that are working in these cities. Our Inspire youth-groups consist of between 4 to 20 active members each.

Through activities such as study aid, inspirational lectures and internships we help youths become aware of their possibilities and support them at their own level of education. Our activities are focused on youths and their future, and are either continuous events at schools or bigger, irregular events hosted at for example elementary schools or Universities.

During the year 2019 we have been providing after school activities at six different elementary schools in Linköping, Gothenburg and Lund. During these weekly events, our active members - usually students, have helped elementary students with school or home work. The subjects which we have assisted the students in may vary depending on grade and range from math to social sciences to history.

Linköping started a collaboration with Engineer to Engineer in 2019, with the goal to help and support students learning Swedish, focusing on students in SFI-courses (Swedish for Immigrants). They are achieving this goal by hosting study aid at a local pub in Linköping, where everyone is welcome with the studies they have, regardless of age and level of Swedish. Both in Lund and in Linköping we have had a number of inspirational lectures. These have focused informing youths about topics that can be of use to them in the future or to inspire them to further education. The topics have concerned for example University lifestyle, study techniques or more specific subjects such as sustainability or programming.

Chalmers University has had a collaboration with one of the partners in Gothenburg, Plan B. Thanks to an internship, eight and ninth grade students got the opportunity to experience an engineering workplace. The opportunity gave them real-life experience of engineering work but also the chance to acquire role models in the business and industry.

The company was engaged and motivated. Plan B's experience of the internships was a positive and their feedback of the experiences was:



Role models are very important when it comes to inspiring and motivating youths. Plan B's local collaboration with EWB-SWE in Gothenburg aims to reach out to young students and hopefully awaken or reinforce an interest in engineering. I recommend other companies to collaborate with Engineers without Borders regarding internships for youths. This will inspire both companies and students to develop the industry for the better.

Plan B / Partner offering internships
in partnership with EWB-SWE in Gothenburg

In Linköping we reached out to approximately 50 different students during 2019, in Gothenburg around 30 and in Lund 25 different students. We have also had activities in Stockholm, Uppsala and Luleå. We are proud of and satisfied with our work, and knowing we can make more positive impact on youths present and future, we are looking forward to 2020.



Evening gathering within Inspire Youth at the Ryds mansion in Linköping

INTERNATIONAL PROJECTS



Inauguration of a kitchen facility using rocket stoves at Wulugu Senior High School in Ghana

During 2019, about 20 new *International Projects* and subprojects were initiated in collaboration with both new and established partner organisations. In total, we have had 35 projects in active phases during the year. The projects varied in magnitude, complexity and time from smaller studies conducted by one or two persons during a few months, to larger initiatives being operational for several years and involving ten to twenty volunteers. In total, our international project work engaged around 120 volunteers. Around 35 persons were involved in the project administration and support. 17 representatives were travelled internationally on behalf of the organisation and approximately 450 days were spent abroad for project implementation. 65% of our costs are associated with International Projects.

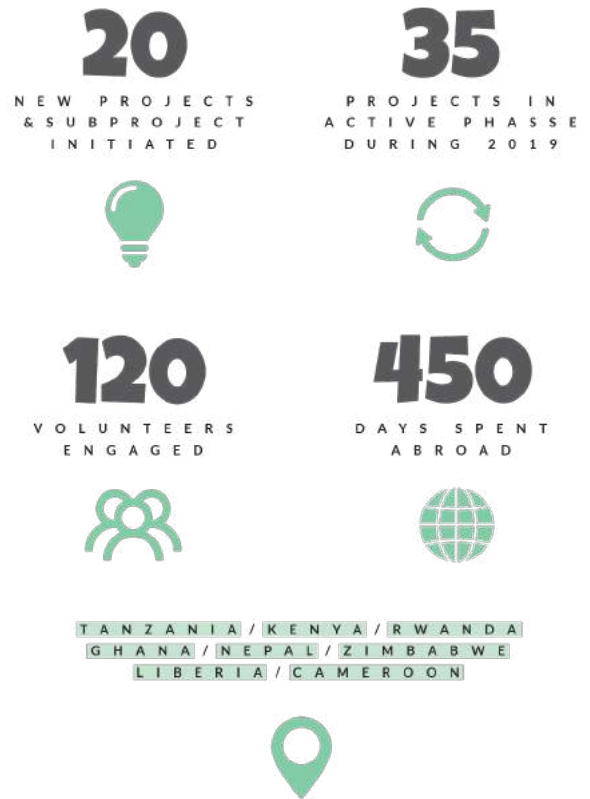
A majority of our projects concern the areas of sustainable energy or water and sanitation. We have however also strengthened our capacity and increased our presence in the areas of entrepreneurship, digitalisation and construction. We now have well established and well-functioning competence groups in Energy, WASH (Water, Sanitation and Hygiene),

Digitalisation and Sustainable Food Production and Processing. During the year, these groups have been given increased space and responsibilities in the international project administration. They now constitute an important part of our quality assurance, give valuable support to our project teams and facilitate knowledge sharing between our different projects.

During 2019, we have implemented much of the work carried out during the year before aiming to refine and develop our project process, our measures for identification, mitigation and response to risks and incidents, as well as support and educational material for travelling EWB-SWE representatives. This work was partly done within an EU Aid project finalized in August 2019 aiming to strengthen the internal capacities of the involved organisations (EWB Sweden, EWB Norway, EWB Denmark, EWB Sierra Leone, Build Up Nepal and Mavuno Project). During 2019, the EWB-SWE Handbook for International Projects was launched, as well as the new International Project Charter used as a template for project plans. We have also introduced a template for analysis of personal

health, safety and security for travelling representatives, and developed and run a series of webinars on topics related to our international project administration as well as health, safety and security measures. In this development of the project administration is also included a more rigid and structured evaluation of results as well as analysis of our contribution to the UN Sustainable Development Goals. This work started in 2019, and will materialize further during 2020.

Most of our projects presence was connected to either the educational sector or to the health sector. Our geographical presence was *Tanzania, Kenya, Rwanda, Ghana, Nepal, Zimbabwe, Liberia and Cameroon*. All projects are based on locally expressed needs and are conducted in close cooperation with stable local partners. This combination is the key to the long-term sustainability and value of our projects. During 2019, we have established the function of Partnership Coordinators. These support our project teams on matters specific to the particular partner organisation, coordinate all activities and projects carried out with the specific partner, and work out long-term strategies with our larger partners. We have also improved our process for partnership assessment in order to better review and assess potential partners in a structured and homogenous way. This work will be further developed in 2020.



Our major partners in international projects are Mavuno Project in Tanzania, Mkula Hospital run by the Africa Inland Church of Tanzania, and Build Up Nepal. The following sections contain examples of projects carried out in collaboration with these organisations as well as other partner organisations.



Participants in our Renewable Energy Program in Zimbabwe

Mavuno Project

EWB-SWE and *Mavuno Project* have a long history of collaboration initiated back in 2008. The common work has grown organically, and Mavuno Project has become the most extensive international partner for EWB-SWE. In 2019, great efforts were made not only in project implementation, but also on an organizational level to further strengthen the cooperation. Our common strategy was reviewed, a strategic board for the collaboration was established, and EWB-SWE appointed several new functions to manage our common work including a partnership coordinator and program managers. On August 10th, EWB-SWE participated in the 25th anniversary of Mavuno Project, in Tanzania.

Mavuno Project is active in the north-western region of Tanzania. Their core objective is to empower rural people of the area by relieving basic needs and creating sustainable alternatives. In cooperation with Mavuno Project as well as local schools and the local government, EWB-SWE is engaged in a rather extensive school program. We support the extension and development of the Mavuno Secondary School, and work to improve the water and sanitation situation at the governmental primary schools in the districts Karagwe and Kyerwa. In 2019, a toilet prototype has been designed, and five rainwater harvesting tanks have been built with support from EWB-SWE. The schools did not have any or very insufficient water supply before. Each school has 760-1340 pupils, and the five water tanks give 4700 persons in total access to water in their schools.



Primary school having a water tank built. Karagwe Tanzania, Mavuno

Build up Nepal

Build up Nepal (BUN) is working to support Earth Brick micro-entrepreneurs to build new, safe homes, creating secure jobs and reducing CO2 emissions. BUN specialize on the recognized affordable and earthquake resistant construction technology called Earth Bricks. BUN are scaling an effective model for reconstruction; rebuilding new, safe homes using local, sustainable materials and training and creating jobs for local entrepreneurs, builders and families.

There is a gap of mechanical engineering skills in Nepal. An EWB-SWE recruited volunteer has been in Nepal for the past 5 months with very good results. The volunteer has among other topics been focused on improv-

ing eight areas of the double mould machine. He has been working on improvements that targeted the top 5 recurring failures, reduced crate to 1/2 size of the original in order to reduce freight costs, reduced filling height of the machine by 290mm and 20% faster cycle time.

The cooperation between BUN and EWB-SWE will be continued during 2020 by fundraising, smaller workshops performed in engineering companies in Sweden and recruitment of a new volunteer to work on site in Nepal. The main task of the volunteer is intended to be developing a low cost mixer based on an agricultural cultivator and hopefully to mentor a master thesis student.



Process of making & using Earth Brick at BUN, Nepal

The Healthy Hospitals Project

Healthy Hospitals is a project which supports hospitals in Tanzania who are facing infrastructural and architectural issues and challenges. The project's main task is to help the hospital to find sustainable and effective solutions to technical issues which are hindering the hospital to provide safe health care. The project aims to increase access to satisfactory healthcare and reduce the mortality at the hospitals, while also raise funds from donors in Sweden to finance necessary development projects at the hospital. The project is carried out in phases where students from technical universities in Sweden, supported by working professionals, work together with the hospital management and staff at the site to achieve the common goals.

The project was initiated in 2014 as a collaboration between several different organisations, as a response to a request from a Hospital in Kolandoto (northern Tanzania). This hospital is run by African Inland Church of Tanzania. AICT is also running another hospital in northern Tanzania: *Mkula Hospital*, which was facing similar issues. Since 2017, the project has successfully continued to work with the issues and challenges of Mkula Hospital. Projects were initially carried out mainly regarding water supply, power supply and wastewater treatment. In 2019, the collaboration has continued with investments and design for a new building for Reproductive and Child Health and increasing the capacity of the hospital's laboratory department.

Renewable Energy Program

Renewable Energy Program focuses on creating renewable energy projects with a new project approach. The approach combines making installations at a health or educational institution and simultaneously educating locally selected trainees in electrical installations and entrepreneurship. The goal is to both install renewable energy where it is needed and educate local trainees to increase entrepreneurship in renewable energy and strengthen the community.

During 2019 we have successfully installed solar panels at the maternity ward at *Rusape Hospital Zimbabwe*. The hospital does not have to use candlelight for emergency surgeries during power cuts anymore, since the solar panels and batteries supply the needed backup-power. Six trainees were educated in electrical installations during the installation and training program. No travel has been needed since we have initiated a partnership with a local electrical company, Solar Shack, that delivers the practical part of the training. Looking forward in 2020 we are now evaluating what the next steps are together with our local partner FACE Zimbabwe.



Installation of solar panels at Rusape Hospital in Zimbabwe

A s u l m a C e n t e r

During 2019 *Asulma Centre Self Help Group (ACS)* has become a new partner to EWB-SWE. Asulma Center is a registered self help group which engages in the social development activities in Kariobangi in Nairobi, Kenya.

A memorandum of understanding has been set up relating to the project Computers for Schools at Aulma Centre School. This project will be implemented in 2020. It intends to be the first project in a future collaboration between EWB-SWE and ACS with the goal to help in eradication of illiteracy, fight social

injustices like mugging, rape and drug addiction among the youth and school going children in Kariobangi-Korogocho slums and their environs, empower the youth and community members economically while at the same time using education as a tool to help in poverty eradication.

Future projects already discussed are within the field of solar cooking that aim to increase the knowledge and practical skill to use the solar energy for cooking. This is an activity already performed by ACS and EWB-SWE would like to join in their efforts.

C o n s t r u c t i o n o f F a m i l y C e n t r e i n G h a n a

During the last year, EWB-SWE has been working as a project manager for the construction of a *Family Centre in Ghana* together with the Stiftelsen Make a difference. The aim of the project is to create a centre where poor families can be able to live together so that poverty does not force families to split up. The centre will be built using a technology called rammed earth that utilizes the materials present in the area. EWB-SWE role is to partly manage the project but also to have an overall quality control. The actual construction will be done by a local contractor who is used to the technology and materials.

The focus during 2019 was to get all the agreements established and to get started with the building, this came into place in late 2019 after which work began. The idea was that in early 2020 some master thesis students would go down and visit the construction site in collaboration with EWB-SWE, but because of the Corona virus the trip had to be cancelled.

In 2020, the goal will be to build as much as possible of the centre and get clear all financing.



From Construction of Family Center Ghana



“I think there are many who, just like I would like to continue to work a little bit after retirement, use the experience you gained and maybe contribute to a better world. Then EWB-SWE is a perfect choice where you work with dedicated and inspired colleagues, partners.”

Anders / Mavuno PARTNER COORDINATOR



Primary school having a water tank built. Karagwe Tanzania, Mavuno

“You can only lead someone to the well, but you can not drink for them. For me, international projects let me help people get to the well. My inspiration is that I might get to see people drink from that well.”

Christian / COORDINATOR for DIGITALIZATION in
EDUCATION & PROJECT MANAGER
for Computersfor Schools in Cameroon & Tanzania



“I am involved in EWB-SWE because I want to create a sustainable program for delivering education and competence in renewable energy to communities in developing countries. I want to do this by focusing on entrepreneurship, education and total local ownership. As part of EWB-SWE I get to meet people with similar interests and passions, and also continuously hear from our partner organisations about the impact we actually make.”

Rasmus / RENEWABLE ENERGY PROGRAM



CONNECTION TO SDGs, MISSION, VALUES:

Goal fulfilment related to the 17 SDGs can be divided into more direct fulfilment of certain goals and a more chain reactive indirect goal fulfilment. The direct goal fulfilment can be related specifically to the SDG goals: 1 (No poverty), 4 (Quality education), 5 (Gender equality), 6 (Clean water and sanitation), 7 (Affordable and clean energy), 10 (Reduced Inequalities) and 17 (Partnerships for the goals). The remaining goals can be sorted

under chain reactive goals initiated by direct goal fulfilment. The aim is to integrate all 17 SDGs in the project activities by fostering an understanding on how activities which contribute to goal fulfilment are linked to each other, and how they strengthen or weaken each other in a local project level perspective.

OPENHACK



Openhack at Norrsken Stockholm

Openhack is our non-profit social company focusing on how open source can be used to solve humanitarian challenges.

During 2019 two hackathons, one in Gothenburg and one in Stockholm, have been performed with about 150 participants (coders). The addressed cases came from different organizations such as Red Cross, SIDA, World Childhood Foundation, Swedish Environmental Protection Agency (Naturvårdsverket), Swedish Public Employment Service (Arbetsförmedlingen) and also EWB-SWE.

Besides these hackathons, openhack has been involved in meet-ups regarding how to build blockchain apps, how to create a raspberry sensor mesh network for Peace Park Foundation and together with EWB-SWE, a meet-up regarding the international project Computers for Schools. A number of sponsors have contributed to these activities, where Sandvik has been the main partner.

Finally openhack has successful commissioned hackathons for Södertälje kommun and Future Position X.



Openhack team in action & Award ceremony

FUNDRAISING AND CORPORATE PARTNERS

During 2019 EWB-SWE has welcomed Vattenfall, WSP, RISE and Symetri as new corporate partners and has been very successful to receive substantial from different sponsors. Major contributions apart from corporate partnerships have been received from Ramböll Foundation and HM Queen Silvia's Foundation Care About The Children. Our list of donors contributing with more than 10.000: - contains 38 different donors. Thus, almost all our funding comes from companies and private donors. Our total funding increased with 13 % in 2019 in relation to the year before.

Apart from constituting an important part of our funding, our corporate partners support us with valuable knowledge through employees actively engaging in our work. During the year, representatives from our partner companies have been involved in activities within Engineer to Engineer, The Reflective Engineer and Inspire youth, as well as in our International Projects both as travelling representatives of the organisation and project group members and mentors working from Sweden.



Sandvik has a long tradition of community involvement; locally and globally, and our partnership with EWB-SWE is a great match. Through the partnership Sandvik contributes to international projects where engineering makes a difference. Our employees, with their expertise and experience, are given the opportunity to engage and support important local and global activities. The partnership with EWB-SWE makes Sandvik stronger but we also believe that our support develops EWB-SWE to be an even stronger organization.

Jessica Alm / EXECUTIVE VICE PRESIDENT
and HEAD of GROUP COMMUNICATIONS at SANDVIK

In spring 2019 our main partner Sandvik had an auction of a smash proof 3D manufactured steel guitar. All the money went to EWB-SWE and will be used in our Computer for Schools initiative in Tanzania.

During the year we achieved approval by Swedish Fundraising Committee (Svensk Insamlingskontroll) meaning that we fulfill the criteria for using 90-account.



RELATIONS TO OTHER EWB ORGANIZATIONS

The capacity building program funded by EU aid that we have been involved in together with EWB Denmark and some of our partner organizations was finalized during 2019. The improved processes and guidelines that the program helped us to develop have started to be implemented during the year. We did not become certified as an EU aid organization but the organizational improvements we have done due to our involvement has already been useful.

Our contacts with other nordic EWB has continued and increased. The Secretary Generals of EWB Sweden, EWB Denmark, EWB Norway and EWB Finland have started to have recurring online meetings.

During 2019 contacts and collaboration with EWB Germany has increased. We have found that we have a lot to gain from increased collaboration, both in international projects and in organizational development. Several meetings between representatives of our respective organizations have taken place and we were also invited and sent four members to one of their courses in Berlin in the fall.

We have engaged in supporting the Journal of Humanitarian Engineering that is published by EWB Australia. Apart from encouraging members of EWB-SWE to read and contribute to the magazine we also have a representative in the editorial board.



The national environmental sustainability group that was created in 2018 has become further established. Its purpose, and the value foundation on which it operates, is to elaborate tools for the decrease of most negative environmental impact on the general organisational level. Sustainability should here be understood as integrating the economic, environmental, ethical and social aspects in EWB-SWE activities. Questions related to for example circular economy, gender balance, and longtime climate goals on an ethical level should thereby be integrated continuously in the activity analysis. The group calculates and administers the offset to our internal climate fund to which money is set aside every time somebody is flying on behalf of the organization. In 2019, the offset amounted to 19 842 SEK. The environmental sustainability group has initiated a process of establishing criterias for definition and certification of climate positive projects, and the money from the climate fund will be used within a certified project within EWB-SWE.

In order to further systematize our environmental sustainability work, a process has been initiated in 2019 to establish heads of sustainability in the local groups. The role of this function will be to advise the local groups on how to minimize the environmental impact in local level activities, for example related to events, meetings and so on. An overall strategy elaboration on the decrease of negative environmental impact in local level activities have started, with focus at following the ISO 14001:2015/ EMAS III Plan-Do-Check-Act methodology.

As a result of the developments of the international project process, we have increased our capability significantly to systematically identify and describe how our projects contribute to the 17 United Nations (UN) Sustainable Development Goals (SDG). To ensure the possibility for long term sustainability related to project implementation we have started long term follow-up processes of projects. Careful investigation on follow-up parameters in an early stage of the projects is thereby enabling better comparison to the situation before project implementation.

To ensure a strengthened goal fulfilment capacity, education on goal fulfilment analysis within EWB-SWE has been pointed out as crucial. Initiatives for cooperative possibilities with institutions within higher education i.e. environmental engineering and environmental science and other public and private sector organisations on national and international level have thereby started.

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