



# Technology without Borders

@technik\_ohne\_grenzen  
[www.teog.ngo](http://www.teog.ngo)



## Newsletter IV 2024

Dear members, dear friends and supporters of Technology without Borders, the well-tried newsletter from Technology without Borders is now published in a new, modern format. In addition to a few general topics from our organisation, this quarterly newsletter is primarily about our interesting projects. With the information about successfully realized projects, we primarily want to offer motivation: as confirmation of the achievements of our active members, as an encouragement for prospective newcomers, but of course also for our many donors to continue to support us as generously as before. The aim of the new format is to make it easier to read while at the same time reducing work for the project team and editorial team. We hope that we have succeeded in this and are looking forward to your feedback. Sophie Hutzler ([sophie.hutzler@teog.de](mailto:sophie.hutzler@teog.de)) is available to answer your questions directly.

At our strategy meeting on 28 and 29 September in Erlangen, we also focused intensively on optimized and more transparent processes. As we all work on a purely voluntary basis, but at the same time place the highest demands on the professionalism and quality of our work, efficient workflows are extremely important. Two optimizations you may already be aware of: the WhatsApp communities for the quick exchange of information and the more filled SharePoint in MS Teams. Have a look. We would particularly like to recommend the link "Onboarding" - this also applies to long-term members.

Finally, a note on changes to our Board of Directors. Maximilian Martin from RG Erlangen, who has already supported us in many ways, has been appointed to the board as deputy secretary - welcome Maxi! Franzi Enzmann, RG Rhein-Main, had

asked to give up her seat on the Board due to her heavy workload and her many project tasks in the RG. Jana Landel, RG Erlangen, who has already been working in the background on various PR topics, was appointed as Franzi Enzmann's successor as PR Officer. Thank you very much for your exceptionally successful work on the Board in recent years, Franzi, and we will continue to be grateful for your valuable, critical and creative suggestions. Good luck in your new role, Jana Landel!

We would like to take this opportunity to wish all our readers, our members and the many other interested parties a peaceful and relaxed end to 2024! Enjoy the quiet time with your families and recharge your batteries for a successful new year!

Sincerely, your board

R. M. F. C. L. M. J. A. A. H. A. D. J.  
Sch Rein Sch Zei Hach Ma Lan W Vier Blumen Br Scha Mec  
ulla hard ofer dle mann rtin del ei ling schein un ffert hau  
n r ß s

## Completed Projects

### School Library for Trinity Academy, Tanzania, Boma Ng'ombe



In some rural areas of Tanzania, the literacy rate is still low. Many children have no access to books, which means that they never learn to enjoy reading and hardly read beyond the school curriculum. Together with our project partners at Trinity Academy, we wanted to change this! Trinity Academy Pre- and Primary School is a private school in Tanzania with several hundred students, app. 25% of them orphans. Between 50 and 100 kids are boarding students. Trinity already started to collect books for kids and dedicated a room at the school as a reading area before we stepped in ...

[more](#)

## Berekum Follow-up Project



**Berekum** is located in the north-western Bono region of Ghana. The Holy Family Hospital there has 138 beds and around 300 employees. TeoG projects have already been carried out several times at this location, including the introduction of the TeoG Swift App in 2022 to document maintenance and repair work.

**Eikwe**, a small town on the coast, has the St. Martin de Porres Hospital with a capacity of 175 beds and 200 employees. This hospital has also been visited by a TeoG team in the past for the maintenance ...

[more](#)

## Current Projects

### Water for Qhosmi, Bolivia



The community of Qhosmi is located near the village of San Pedro de Buena Vista in the Bolivian Andes. It is home to 18 families who live mainly from agriculture and livestock farming. Due to a lack of water supply, the families have had to draw their water from hygienically inadequate springs and rivers, which has led to health problems, especially for children. This project aims to improve the living conditions of the families in Qhosmi and reduce the disease and mortality rate. By building a gravity-fed water system, we want to ensure reliable access to clean water for human consumption. The future system ...

[more](#)

## Agroforestry Demonstration farm in Ghana



In Ghana, we have found a suitable location in the north of the country near the town of Tamale to set up an agroforestry demonstration farm. The first plants have already been cultivated and workshops have been held with several women. Interviews were also conducted with several farmers in the region around the town of Drobo in the Brong Ahafo region. Our local member Abdul Rashid Wumpini Alhassan, head of the Tamale regional group and current Rotaract district spokesperson, has been involved in agroforestry for a long time and is the head of the agricultural company Ummy Farms. For the ...

[more](#)

## Solar-roof for dining area at Trinity Academy, Tanzania, Boma Ng'ombe



The Trinity Academy in Boma Ng'ombe is a private pre-school and primary school with 240 pupils. 25% of these are orphans who are supported by a special support programme run by the school together with international partners and attend the school's boarding school. Technik ohne Grenzen e.V. has been in contact with the school for several years, including a tree planting campaign and the construction of a new building for the sustainable operation of the kindergarten in several project phases. Trinity is endeavouring to operate sustainably overall; for example, there is a school farm that provides food ...

[more](#)

## Well water desalination for school garden irrigation



The Trinity Academy in Boma Ng'ombe at the foot of Mount Kilimanjaro in Tanzania is a primary school with its own school garden, which is irrigated with water from the school's own well during the dry season from May to October and cultivated by the children as an educational measure. However, as this water is very salty due to the local geological conditions, the use of the water leads to an impairment of soil fertility. A water desalination plant, designed and financed by Technik ohne Grenzen e.V. in Aachen, will enable the school garden

to realise its full potential in the future. At the same time, the pupils will ...

[more](#)

## Biogas for school kitchen, Tanzania, Boma Ng'ombe



The Trinity Academy in Boma Ng'ombe is a private pre-school and primary school with 240 pupils. 25% of these are orphans who are supported by a special support programme run by the school together with international partners and attend the school's boarding school. Technik ohne Grenzen e. V. has been in contact with the school for several years, including a tree planting campaign and the construction of a new building for the sustainable operation of the kindergarten in several project phases. Trinity is endeavouring to operate sustainably overall; for example, there is a school farm that provides food ...

[more](#)

## Newsflash

### Board trip to Uganda

Our newsletter articles this year have shown that not only our members in Germany, but also our international members have been involved in numerous projects. Especially in Ghana, a huge dynamic has developed as a result of our Board trip in 2023, with several implemented own projects and newly founded regional groups. This shows that personal contact between the Executive Board and our international country groups are very important. Therefore, a 10-day visit to our national group in Uganda by Robert and Jannik is planned for February 2025. In order to strengthen the exchange between our members in Uganda and Ghana, Robert and Jannik will be accompanied by two Ghanaian members. The aim of the Board trip is to improve the quality of project work and to strengthen and expand our network in Uganda. The planned activities include a meeting with the management of Ndejje University, where our regional group in Uganda is located, a project leader workshop, an intensive exchange on projects and activities and visits to several potential cooperation partners and Rotary clubs. A detailed report on the Board trip will be published in the next newsletter in March.

*Robert Schullan and Jannik Mechau, Board*

## Blog „Dana in Ghana“

Hello my name is Dana, I'm German and just finished high-school and now I'm spending half a year with the organizations TwB and EndPlasticSoup in Ghana to work on various projects. I publish my daily experiences on my blog [Dana in Ghana](#).

But I don't only write daily reports on there. I also document culture shocks and give summaries of the projects I'm working on – like RecycleUp! for example – so my readers can get a brief understanding of what I'm actually working on here. Feel free to visit my blog anytime!

*Dana Städter, RG Bayreuth*

## TwB at the Erlangen Christmas market

TwB is back at the Waldweihnacht!

On 19 December, we from TwB will once again have the pleasure of welcoming you to our stand for voluntary work at the Waldweihnacht. There will be small souvenirs from our project countries, home-baked biscuits and, of course, stories from our projects. We would be delighted to meet you there! See you on 19.12. at the Schlossplatz! :)

*Leonie Richter, RG Erlangen*

## Improvements to IT infrastructure

In the course of our 2024 strategy meeting, you made many suggestions for improvements. The results were discussed in the management circle on 7 November 2024. We have already been able to address some points and have optimized our IT infrastructure: You already received detailed information on this in an email on 26 November.

We are working on further improvements and are always happy to receive your feedback and further ideas!

*Daniel Schaffert, Board*

Published by Robert Schullan, Sophie Hutzler

V.i.S.d.P. Robert Schullan, Markus Reinhard

---

**Technik ohne Grenzen e. V.** - Richard-Strauß-Straße 38 - 91315 Höchststadt a. d. Aisch

**Vorstand:** Dipl.-Ing. Robert Schullan (Spokesperson), Dr.-Ing. Markus Reinhard

**Vereinsregister:** Fürth: VR 200 486 - **Steuernummer:** 216 / 111 / 00 865

**apoBank** **IBAN:** DE29 3006 0601 0007 5832 90 **BIC:** DAAEDEDXXX