

IngOG⁺

Engineers Without Borders
Switzerland (IngOG+)

Annual Report 2022



Imprint

Engineers Without Borders Switzerland (IngOG+)

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About IngOG+

"We support geographically, politically or out of poverty isolated and disadvantaged communities to meet their basic needs in a sustainable way."

Engineers without Borders Switzerland (IngOG+) is a non-governmental organization that searches for engineering solutions to humanitarian problems. Our goal is to improve the living conditions of communities disadvantaged by poverty, geographical or political isolation and lack of support. With intensive involvement of the local population, appropriate measures are developed for the communities. IngOG+ follows a holistic approach to problem solving, which ensures that the projects improve the living conditions of the affected people in a sustainable way. Our fields of activity in Switzerland and abroad include direct involvement in the planning, execution and maintenance of infrastructure projects as well as the exchange of knowledge and the support of other organizations in specific engineering tasks.



Project in Keylong village, Lahaul, India
Photo of village entrance (October 2022)

Projects

Summary of Activities

During the year 2022 there was a total number of nine active IngOG+ projects in various locations across four different continents. The following projects continued their work in the planning and implementation phase:

- Social Housing for Women (BIH001)
- Water for IAPS (KEN002)
- Lifuwu Medical Clinic (MW001)
- Bridge Construction in La Cañada (NIC001)
- WASH Projects in Huguá Chini (PRY001)
- Khema Water Supply Project (IND002)

The following two projects are still in the evaluation phase at the end of this year and will formally move on to the next project phase at the beginning of 2023:

- Water for San Jorge (CHL002)
- School Heating System in Lahaul (IND003)

In February 2022, a new type of project-focused partnership started with the Swiss engineering firm Holinger AG. Together with an expert team from Holinger, IngOG+ is planning to develop and build a safe and sustainable drinking water supply system in Yrdyk, a village in Kyrgyzstan. This is the first time that an IngOG+ team is working jointly on a project together with professional paid engineers, which is viewed as an exciting learning opportunity for everyone involved. Since the project timeline is more ambitious than for an average IngOG+ project and we have a very experienced partner, the board decided to forfeit the requirement for an evaluation phase, meaning the project has already moved on to the planning and implementation phase during the last year.

- WASH Project in Yrdyk (KGZ001)

The next pages contain more detailed summaries of all projects listed above.

Sadly, the very promising project involving the construction of a Mapuche Community Center (CHL001) in Puente Tierra, Chile was put on hold for the unforeseeable future in Summer 2022. The project goal was to build a new community center for the Mapuche, a large group of Chilean indigenous people. Unfortunately due to major political unrest in Chile and threats to the community, the project was no longer deemed safe to implement and was thus stopped.

Projects

Social Housing for Women (BIH001)

Purpose	Construction of a housing community for socially disadvantaged women
Location	Gradačac, Bosnia & Herzegovina
Since	May 2016
IngOG+ Team	Nora Mühlberger, Christian De Maddalena, Dominik Burkhart, Eric Carrera, Nadine Fankhauser
Architecture Team	Nemanja Zimonjic, Ognjen Krašna, Lukas Burkhart

Together with Hazima Smailović, a refugee from Bosnia and Herzegovina, partner organizations in Switzerland and abroad as well as the local authorities of the municipality Gradačac, IngOG+ is committed to the establishment and operation of a social housing community for socially disadvantaged women in Bosnia and Herzegovina. The women are to live together in a shared house and support each other in everyday life. A trained caregiver supports the residents in everyday life and regulates administrative tasks. IngOG+ is supporting Hazima in setting up the project, coordinates the involved actors and finances the construction of the building as well as the first year of operations. The planning of the architectural design as well as construction supervision is performed by TEN Architects, who are working in Zurich and Belgrade. The long-term operation of the project is facilitated by the Bosnian foundation NAS IZVOR. IngOG+ acts as the founder of NAS IZVOR.

Construction work for the house in Gradačac was finally finished this year. In March 2023 the final inspection by the Building Authority of Gradačac and after that the official handover of the building will take place. Together with the architects, the team of IngOG+ is currently planning the interior design for the kitchen and the rooms, as well as furnishing of the house.

We have established a strong cooperation with the Office for Social Welfare of the Municipality of Gradačac. They are supporting the project with their manpower and expertise. This is an important factor for a sustainable operation of the project in the long term.

The selection process of the women who will live in the housing community will soon begin and we are looking forward to starting official operations in the summer of 2023.

Projects



Team IngOG+ and team VIVE ZENE



Construction site including the almost finished building

Projects

Water for IAPS (KEN002)

Purpose	Improving water supply of school to enable all year operation
Location	Suswa, Suswa county, Kenya
Since	October 2019
IngOG+ team	Daniel Biek, Rainer Prüss, Reto Michel, Patrick Eberle, Fabian Achilles, Brain Rakvica, Andreas Walder, Jean Randhahn
Team IAPS	Michael Muntet (project contact), Joel Korir (head teacher), Roland Harting (H4E)

At the end of 2019 the IAPS (Ilkeek Aare Primary School) in Suswa, Kenya approached us with a request for technical support with their water problem. In 2020 the evaluation with an on-site visit was successfully done and first resulting technical recommendations could be made to IAPS. In 2021 the relationship with IAPS grew stronger and IngOG+ has positioned itself as an engineering partner on every construction project of IAPS in order to give engineering advice. Thus the rainwater harvesting on the new classroom buildings and the planning of the teachers houses were done.

In 2022 the planning of the teacher’s quarters was finished and brought into execution. The tendering process was handled by a quantity surveyor (Julius Mwangi) hired by the Lions Club Tika Chania Falls on behalf of IAPS. The local architect to handle paper submission was John Kinuthia. The building contract was awarded to Jadubhai & Sons Ltd. (Kenia). During the course of planning it became obvious that the budget set by the financial support (Home4Education) to IAPS will not cover the whole building. IAPS and H4E decided to build one half of the teacher’s quarters in 2022 without asking for other financial support.

The upskilling of one person inside IAPS has come to a temporary halt as many options have turned out to be not viable due to cost and availability. The open options were a local technical school and posting a skilled technician from Switzerland temporarily at IAPS with government support.

In 2022 the IngOG+ project lead changed. Jean Randhahn stepped down due to family expansion and lack of time. His place is filled by Daniel Biek and Rainer Prüss as dual lead. Daniel Biek was formally appointed as project leader by the IngOG+ board. At the end of the year we organized a workshop in person. The aim of the workshop was to get to know each other and to create a common level of knowledge, so that we can successfully start the new projects (e.g. water infrastructure).

Projects

In 2022 the project did neither spend any funds nor collect actively any donations. The main work load is performed by the volunteer team members without need for external support so far. The long term estimated project budget is still at 20k CHF.



Team IngOG+ meeting the local representatives of the school



Construction site of new teachers housing quarters

Projects

Lifuwu Medical Clinic (MW001)

Purpose	Construction of a community medical clinic
Location	Lifuwu, Malawi – 13°41'S 34°35'E
Since	October 2021
Partner	Bannet Kenneth Zakeyu & his family
IngOG+ team	Bannet Kenneth Zakeyu, Gautam Ilango, Lilla Szabo, Lisa Oswald, Bayan Nasri, Attila Lapinskas, Candy Chan Former members: Paula Arnaud, Sandra Lentes, Markus Roth, Andreas Schneller
Website	www.zakeyu-medicalclinic.org

In the rural regions of Malawi, near the shore of Lake Malawi, a considerable population lives without access to proper medical care. A small makeshift clinic exists in Lifuwu village and is run by a retired doctor, Dr. Kenneth Javes Zakeyu, and his team. This clinic has the capacity to treat about 15-30 patients a day. Especially at peak times, supply cannot meet demand, and sometimes patients have to wait for days to get a treatment.

The project request to IngOG+ was started by the son of the doctor of the existing clinic, Mr. Bannet Kenneth Zakeyu, who has recently established Zakeyu Medical Clinic and has already acquired a plot of land in Lifuwu for a new facility. He turned to IngOG+ for project support in engineering and planning. IngOG's goal is to support the local initiative to increase the capacity of the healthcare facility by building a new community clinic in Lifuwu that can handle the number of patients with different types of conditions. The clinic will be registered as a non-profit Organization (NGO) to ensure that IngOG's support best benefits the community and also to facilitate grant applications.

In 2022, the project team worked mainly on fundraising, project management and project structure, as well as research for architecture and construction.

The costs of the construction of the clinic and as such our fundraising goal is CHF 105'000 (+/- 25%). Our fundraising strategy has three pillars: submitting applications to Corporate Foundations and Organizations as well as raising money from private donors and from companies. The first application for the Wavestone Foundation was delivered in September 2022 and the results will be available in April 2023. The team is currently working on the second application for the Addax&Oryx foundation in spring 2023. In the meantime, our donation flyer is being posted on social media and shared with friends and family to spread the word about

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our project. Until January 2023, the project received CHF 4'420 donations (CHF 3'420 from private donors and CHF 1'000 from companies).

Since there have been many changes in our team during the year, we decided to create a general task list with priorities for project management, project evaluation, fundraising and architecture. This helps the team to focus on the most urgent needs, keep track of upcoming duties, and allows members to work independently for the project without always asking the project leader for tasks.

To strengthen the team spirit, a face-to-face team meeting was organized in August 2022. After a regular team meeting with updates, discussions about fundraising and social media strategies, we enjoyed a refreshing swim in the Naturbad Riehen and a picnic. A second in-person meeting is planned for spring/summer 2023 in Budapest.

The architectural group focused on researching vernacular architecture, materials, and construction techniques. Valuable contacts were made, and several interviews were conducted with architects, engineers and investors who lead similar projects in Malawi like Tommy Neuenschwander, Lucas Bauer, Martin Schär and John Brogan. Their contributions and experiences have broadened our horizons and inspired us for the further design process. The subgroup is currently working on climate analysis and building layout.

Our focus areas for 2023 are project evaluation, NGO registration and fundraising. Although two of our members have already been to Lifuwu, we are planning an evaluation trip in May 2023 to review and confirm some of the project evaluation points. Once these important tasks are done, the focus will go more on architecture, developing sustainable solutions and deciding on construction materials.



Group photo at team day

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Photo of the old existing clinic

Projects

Bridge Construction in La Cañada (NIC001)

Purpose	Construction of a bridge over a flooding river
Location	La Cañada, Nicaragua
Since	January 2021
IngOG+ team	Anna Bromboszcz, Emmanuelle Sallin, Louis Deidenbach, Raphael Schär
Partner	Edrulfo Rodriguez (EWB USA-Nicaragua)

Together with the partner organization Engineers without Borders USA – Nicaragua Office, IngOG+ is planning a vehicular bridge in La Cañada, Nicaragua. The main tasks of the IngOG+ Team in 2022 included gathering information, doing an evaluation trip to Nicaragua, and designing multiple bridge options, to enable a reliable connection for three villages and around 300 households to schools, medical care, and the capital of the region.

The EWB-USA Nicaragua office provided our team with much information regarding the location, such as the vegetation, weather, and problems during the rainy season. Based on this information it was possible to develop the first design proposals for the new bridge and to identify the major challenges of this particular project.

In July, we were able to do an evaluation trip with the major goals of interacting with local communities and understanding their needs and concerns and strengthening relations with our project partners of EWB-USA and the municipality of La Trinidad. Furthermore, measurements were executed to expand the dataset of the topography of the riverbed and soil tests to better understand the soil conditions on site. Additionally, existing bridges in the surrounding communities were visited to understand the typical characteristics of the regional bridge designs. The support and partnership with a local organization was a big advantage for the planning of our trip. Both partners enabled a very time-efficient and successful trip, due to their preparation and great hospitality. Furthermore, their kindness and the chance to experience the daily life of the local people provided an unforgettable experience for our team member.

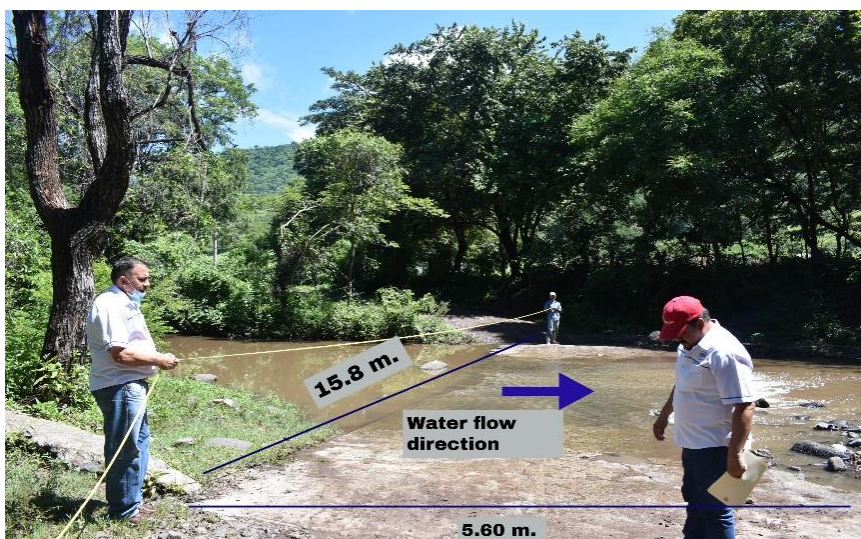
In August, we had the pleasure to welcome Eveline and Edrulfo from EWB USA – Nicaragua Office in Switzerland. They joined us for a monthly IngOG+ meeting and gave us interesting insights into their work and the structure of EWB USA. As this is a good example of a great working partnership with a local organization, we hope to expand our partnership in the next few years.

After the evaluation trip, we further specified our design proposals and started to focus on so-called “vented ford bridges”, due to their ability to fast and simple construction and due to their

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occurrence in the region. The major challenge of the ongoing design process is the very strong varying river flow. To better understand the dynamics of the river, we also received support from an expert from Hollinger AG.

Furthermore, we started to prepare a fund-raising concept and flyers, which will be a major task for our team in 2023.



Survey work at bridge site



Soil sampling during evaluation trip (July 2022)

Projects

WASH Projects in Huguá Chini (PRY001)

Purpose	Biological water filter system for drinking water supply
Location	Huguá Chini, Paraguay
Since	December 2015
IngOG+ Team	Lukas Allemann, Carina Doll, Dorothee Kurz, Katharina Schulthess
Partners	Ana Lucia Giménez, Federico Varas Lehner

Even though there were no new activities in the Paraguay project in 2022, the contact with our partners in Paraguay at the Universidad de Asunción nevertheless remained active and they will visit us in Switzerland this coming summer. Together we will discuss how we would like to continue with the project. It is likely that the project will be officially closed, but we are aiming for the partnership to remain in place and to be reactivated if needed. No further activities or expenditures are planned for 2023 so far.

Projects

Water for San Jorge (CHL002)

Purpose	Support of ISF Chile to upgrade water systems in San Jorge
Location	San Jorge, Bio Bio, Chile
Since	November 2021
IngOG+ team	Lead: Yan Volfson; Team members: Christian Fankhauser, Dominik Huber, Kilian Lohner, Beat Kocher, Georges Kohlik,
Local team, Chile	Giorgio Galgano, Bastian Moraga

Overview

IngOG+ was approached by ISF (Ingenieria Sin Fronteras) Chile with a request for support on a project to upgrade a water supply system at the village of San Jorge. The team in Chile is in the lead, while the Swiss team is acting as a sparring partner, coach, and technical expert.

The village of San Jorge is not too far from a major city (30 min by car) but it is lacking clean and reliable water supply especially in the dry season months. The problem stems from population growth, deteriorating infrastructure and lack of government support.

Goals

- Interim (5 years +) solution until government provides central piping
- Experimentation with new collaboration approaches and new technical solutions

Status

In the previous year a lot of focus was placed on understanding the task at hand and matching it with available budget and getting the approval of the village. The largest issue was the poor availability of local leadership which lead to a slow and inaccurate collection of requirements.

This has now been resolved and the team in Chile got the village leadership and peoples approval for the project plan and concept. And we started the process of detailed engineering of the solution.

We plan to upgrade the largest of three water systems inside the village to provide the largest benefit for the village while creating a proof of concept situation to enable funding for further projects.

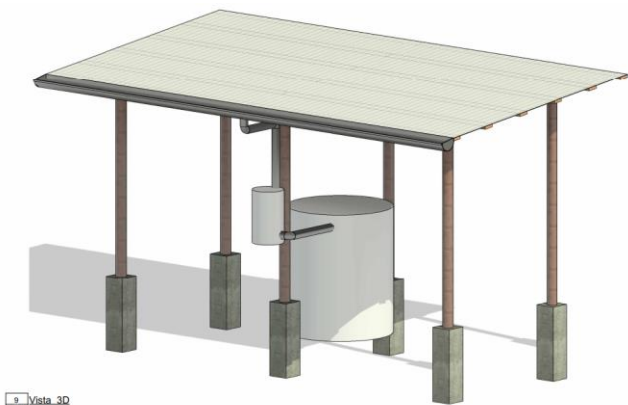
Projects



View over the village of San Jorge



State of current water reservoir tank



Conceptual design of new proposed water storage system

Projects

Khema Water Supply Project (IND002)

Purpose	Improvement of water supply during winter months in Khema village
Location	Khema, Ladakh, Northern India
Since	October 2020
IngOG+ team	Antoine Steberl, Reto Gloor, Simon Matter, Johrina Cron, Dorothee Kurz, Samuel Balula
Partners	Laurence Christophe (Himalaya Help&Care) Sushant Guleria (Navikarana Trust)

The village of Khema is located at an altitude of 4'200 m.a.s.l. in the region of Ladakh in the Himalayan mountains, which is characterized by Tibetan culture and is only sparsely populated. For a long time, this region remained relatively unknown, but today the inhabitants are heavily dependent on tourism. Around 150 inhabitants live in Khema, distributed into 22 households. Most inhabitants farm their own crops in summer and take care of their livestock all year round. In contrast to the rest of the region the village of Khema has almost no tourism.

The project aims to improve the water supply in Khema during the winter months and a lot of progress has been made during the year 2022. After an evaluation trip in 2021, the planning phase could start in 2022. In frequent discussions with the villagers and our partners Sushant Guleria, Co-head of the foundation “Navikarana Trust” and Laurence Christophe, head of the foundation “Himalaya Help and Care” we designed a solution that improves the water supply situation:

12 solar panels will be installed at sun-exposed location next to the village and connected to 2 new solar power-driven pumps. This pump delivers water from a spring source to the village via a new pipe system. The water will be stored in a reservoir that provides sufficient water supply during cloudy days during which the solar panels cannot produce enough energy for the pump to run. The reservoir is to be built as a passive solar house, which guarantees that the water does not freeze during temperatures, that can drop substantially below 0°C in winter.

It was decided to split the project into two phases. In a first phase, 4 panels are installed and connected to a single pump and a new piping system. Splitting the project in two phases allowed us to deliver a solution to the villagers that already improves their situation significantly before the winter season starts in fall 2022 and allows us to get first feedback on the usability of the system to better plan and improve the second phase. With great effort from our partner

Projects

Sushant Guleria and his company Hill Rooftop and thanks to our sponsors the first project phase was completed by December 2022.

The planning of the second phase starts at the end of this winter season. The idea is that during the winter more information on the drinking water needs of the villagers is collected to design the system in more detail and decide on how many solar panels and how big of a reservoir is needed. The splitting of the project in two phases also allows us to continue collecting more funds even though there are still some funds left from the first phase.

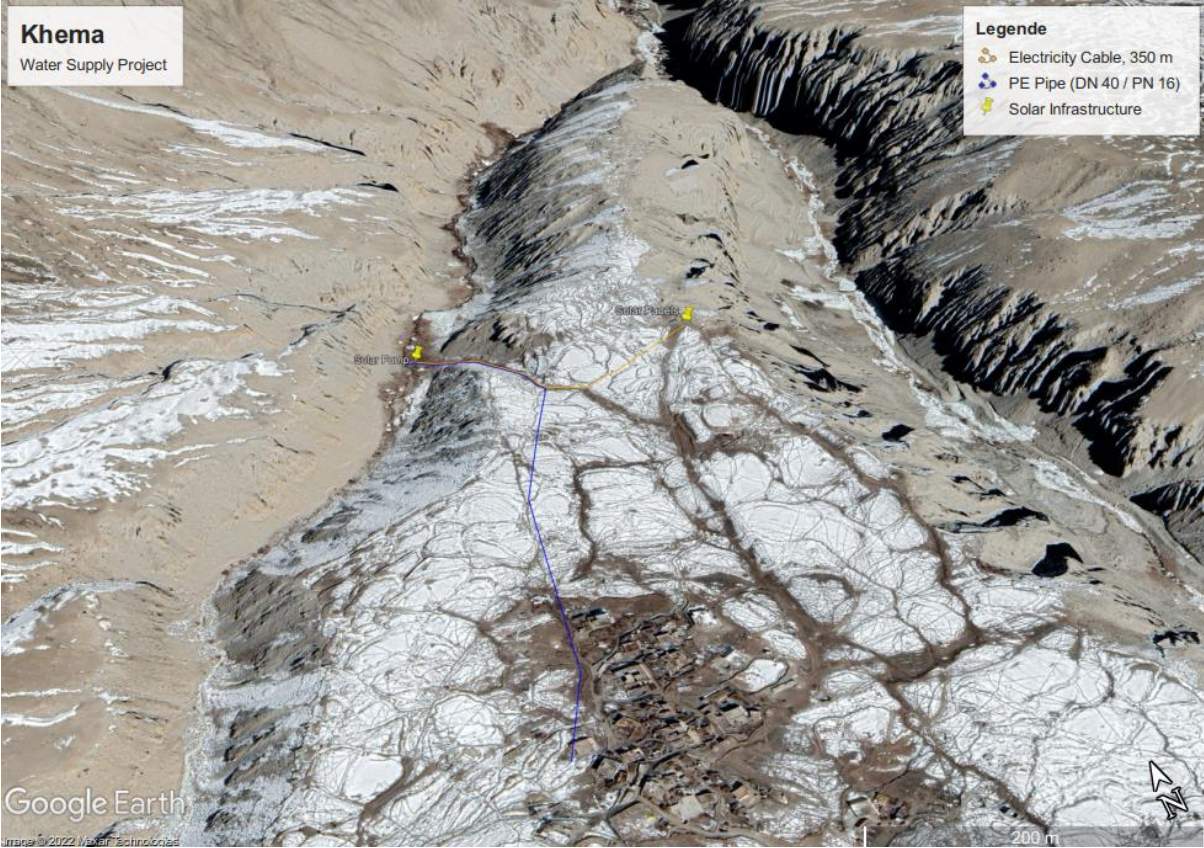
We have collected some first feedback by the villagers on the newly installed pump system. The pump has been used already on multiple occasions but unfortunately the system does not yet work as intended and it is difficult to get qualitative feedback and information from the locals due to various reasons. However, our partner Laurence fortunately went on another trip to Ladakh this February and was able to visit Khema to check up on the situation on site. She is helping us to better understand the problems that causes the pump not to work as intended and will try to instruct the villagers on how to operate the pump system better. She is also helping us collect more qualitative and quantitative data.

We hope to solve the problems in winter and try to continue executing the project as planned. In Summer 2023, the reservoir will be built, and additional features installed, for which it is planned to send an IngOG team member to Khema again to oversee the on-site work and get more direct feedback from the villagers.



A house in Khema with typical intricate Ladakhi architecture

Projects



Overview plan of executed work during first project phase



Visit of the local water-supply infrastructure during evaluation trip (September 2021)

Projects

School Heating System in Lahaul (IND003)

Purpose	Heating system for school building
Location	Keylong, Lahaul-Spiti district, Himachal Pradesh, Northern India
Since	Autumn 2020
IngOG+ team	Christoph Schärli, Pascal Rünzi, Andri Covini
Partner	Helping Humans (contact: Mohammad Nafil)

In the summer of 2020, IngOG+ got in touch with a young team of engineers from North India, who recently founded the non-profit organization "Helping Humans". This tries to implement infrastructure projects to improve the living conditions of the population in the remote and often cut off villages in the district of Himachal Pradesh (western part of the Indian Himalayas).

In a village in the district of Lahaul & Spiti, which is located at an altitude of more than 3,500 meters above sea level, there is a school building that is heated by existing wood stoves in the classrooms. The problem is that the burning produces a lot of smoke emissions, so the windows have to be opened during school classes and the heat escapes, school classes are restricted by the poor air quality, and the health of students and teachers is endangered. In addition, in the past, the procurement costs for wood often exceeded the school's annual budget, which often meant that heating was not possible at all and school operations were canceled.

The project envisages insulating the building energetically and implementing a heating system that will enable the school to run independently (regeneratively) and functionally all year round.

In 2022, an evaluation trip was undertaken in order to evaluate local situation like building fabric and infrastructure, as well as establish personal contact to the authorities.

Based on the findings, a concept was created and distributed to the partners. Due to the climatic conditions in winter, the project is going to be split into several steps. From the meetings with local authorities, we learned that they support the project.

Projects



Photo of school building entrance from the outside



Classroom with old wood burning stove for heating

Projects

WASH project in Yrdyk (KGZ001)

Purpose	Drinking water supply system
Location	Yrdyk, Kyrgyzstan
Since	February 2022
IngOG+ team	Lukas Allemann, Christian Fankhauser, Dorothee Kurz, Alessandra Riva, Katharina Schulthess, Patrick Strobaneck
Holinger team	Joachim Meili, André Olschewski, Till Roth, Sören vom Ende

In collaboration with the Swiss engineering firm Holinger AG, IngOG+ is supporting Yrdyk, a village of about 3'000 habitants located in the Eastern part of Kyrgyzstan. The goal of this project is to support this resilient and enterprising community in the upcoming years and develop with them a sustainable and safe drinking water supply system.

Currently the population of Yrdyk struggles with drinking water quality and availability as their main water source is the untreated surface water of the Yrdyk river. The other possible source of drinking water in the village is a groundwater well, which was not in use at the start of the project. Whereas most parts of the village have access to the drinking water system, the new settlement area in the East of Yrdyk is not yet connected.

With the knowledge of Holinger’s engineers and with their expertise in water supply projects in developing countries, we are working on the improvement of the current water infrastructure which partly dates back to the soviet times. As the community is highly motivated and self-employed, it is a big pleasure to support and guide them.

In April 2022 we have been on a joint evaluation trip for a first assessment. Since then, the existing groundwater well has been finalized and connected to a reservoir. The groundwater and surface water quality had been tested in a second mission in September 2022. For the next steps it is planned to ensure safe drinking water access for the whole community, including the new settlement area. On one hand, the network is to be designed and implemented. On the other hand, the river water is to be treated by a filter system. This project collaboration with Holinger AG is the first of its kind. The aim is to have a close exchange on approaches in the development context and share and gain experiences together. Both sides benefit from different focal points, approaches and fruitful discussions.

Projects



Team photo of IngOG+, Holinger and village members in Yrdyk during evaluation trip (April 2022)



Photo of a groundwater well in Yrdyk

Financial Report 2022

Assets

By the end of 2022, we had total assets of 71'261.38 CHF, which are divided between our three cash accounts at Postfinance, PayPal and the cash desk.

Assets	2021	2022	+/-
Liquidity cash accounts	98.00 CHF	198.00 CHF	+102%
Liquidity Postfinance	60'739.29 CHF	64'709.87 CHF	+7%
Liquidity PayPal	1'891.42 CHF	6 353.51 CHF	+236%
Total Assets	62'728.71 CHF	71'261.38 CHF	+14%

Income

The income consists of donations and membership fees. 7'982 CHF have been received as unspecific donations, 34'441 CHF are specifically for Bosnia and almost 7'000 CHF as membership fees. New projects (KGZ001, MW001, IND002 and NIC001) started fundraising and raised up to 9'000 CHF. Our largest contributors with 1'000 CHF and more were:

- ABZ
- Michael Brögli
- Amberg Group AG
- Gunnar Gärtner
- K5 Basler Kurszentrum, Olla Comun
- Second Mile Stiftung
- Hunziker Betatech AG
- Daniel Matter
- EBP Schweiz AG
- Pini Group SA
- Therefore GmbH
- Reformierte Kirche Rüschtikon

Income	2021	2022	+/-
Donations			
Unspecific donations	11'340.00 CHF	7'982.00 CHF	-30%
Donations for project BIH001	41'295.00 CHF	34'441.00 CHF	-17%
Donations for project KGZ001	-	3'730.00 CHF	-
Donations for project MW001	-	4'420.00 CHF	-
Donations for project IND002	-	9'000.00 CHF	-
Donations for project NIC001	-	59.22 CHF	-
Membership fees	4'730.00 CHF	6'769.01 CHF	+43%
Total income	57'365.00 CHF	66'401.23 CHF	+16%

Financial Report 2022

Expenses

The expenses in 2022 are as follows. The largest expense was about CHF 50'000 for the furnishing and operating costs of the community house in Bosnia (BIH001).

Expenses	2021	2022	+/-
Project expenses BIH001	105'828.01 CHF	49'459.50 CHF	-53%
Project expenses KEN002	0.00 CHF	0.00 CHF	
Project expenses NPL004	0.00 CHF	0.00 CHF	
Other internal projects, evaluations and activities	2'224.14 CHF	5'758.84 CHF	+159%
Administration cost	1'286.74 CHF	1'701.58 CHF	+32%
Total Expenses	109'338.89 CHF	56'919.92 CHF	-48%

Return

In summary, a profit of 9'481.31 CHF was recorded.

Return / Loss	2021	2022	+/-
Total Income	57'365.00 CHF	66'401.23 CHF	+16%
Total Expenses	109'338.89 CHF	56'919.92 CHF	-48%
Total Return/Loss	- 51'973.89 CHF	9'481.31 CHF	-118%

Return distribution / starting balances

- The Bosnia project (BIH001)

BIH001 Starting balance 2022	18'394.32 CHF
BIH001 Expenses	- 49'459.50 CHF
BIH001 Revenues	+ 34'441.00 CHF
BIH001 Starting balance 2023	3'375.82 CHF

- The Paraguay project (PRY001)

PRY001 Starting balance 2022	5'723.06 CHF
PRY001 Expenses	0.00 CHF
PRY001 Starting balance 2023	5'723.06 CHF

- The Kirgizstan project (KGZ001)

KGZ001 Starting balance 2023	3'730.00 CHF
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Financial Report 2022

- The Malawi project (MW001)

MW001 Starting balance 2023 **4'420.00 CHF**

- The India project in Khema (IND002)

IND002 Starting balance 2023 **9'000.00 CHF**

- The Nicaragua project (NIC001)

NIC001 Starting balance 2023 **59.22 CHF**

- Overview of **uncommitted reserves**

Starting balance 2022	37'519.05 CHF
Membership fees	6'769.00 CHF
Unspecific donations	7'982.00 CHF
Administrative costs	- 1'701.58 CHF
Evaluation trips (KGZ001, IND003)	- 5'758.84CHF
Starting balance 2023	44'809.63 CHF

Financial Report 2022

Summary and Outlook

In 2022, the evaluation trip to Kirgizstan as well as the evaluation trip to Lahaul (North India) were financed by the uncommitted reserves. The amount of about 44'000 CHF as uncommitted reserve exceeds the expected target of about 20'000 CHF. IngOG+ is in a financially comfortable situation. With the ongoing projects of Bosnia, the two projects in Ladakh, the clinic in Malawi as well as the bridge project in Nicaragua, we expect an increase of funds' needs in 2023. We plan to support these projects in case they cannot raise all financial resources through fundraising. The board will decide on the use of such costs.

The allocations (opening balance sheets and liabilities) correspond to the total assets.

	2022	2023	+/-
Starting balance BIH001	18'394.32 CHF	3'375.82 CHF	-82%
Starting balance PRY001	5'723.06 CHF	5'723.06 CHF	0%
Starting balance NPL004	0 CHF	-	
Starting balance KEN002	0 CHF	-	
Starting balance KGZ001	-	3'730.00 CHF	
Starting balance MW001	-	4'420.00 CHF	
Starting balance IND002	-	9'000.00 CHF	
Starting balance NIC001	-	59.22 CHF	
Starting balance uncommitted reserves	37'519.05 CHF	44'809.63 CHF	+19%
Liabilities	1092.28 CHF	1014.36 CHF	-7%
Total Assets	62'728.71 CHF	71'261.37 CHF	

Events

During the past year we organized quite a few events to strengthen our association's social life and spend time together outside of our common project work. There was a summer barbecue, we had a visit by fellow members of EWB Nicaragua and a very well attended Christmas pizza party as well as a visit to CERN in Geneva, where Anna and Marcin, two IngOG+ members, were kind enough to show us the CMS experiment they are working on.



Summer BBQ at Irchel Park



Summer BBQ at Irchel Park



Photos from the Christmas Pizza Party

Thank You

First and foremost, we would like to thank all our **project members**, who have once again accomplished a great deal in the past year on behalf of our association. Thanks to their voluntary work, we were able to reach important milestones in our active projects and put the collected donations almost entirely towards our project activities.

Of course, we would also like to thank our **generous donors** who supported us in the past year and thus enabled us to move forward with our projects.

We would also like to thank our project partners. Without local **partner organizations** around the world - such as EWB Nicaragua, ISF Chile, Navikarana Trust, Himalaya Help & Care, Nas Izvor and many more - we would not be able to implement our projects and at the same time ensure that they were planned in the best interest of the local communities. This year, an extraordinary thank you goes to our Swiss partner Holinger AG for their financial and technical support in the joint WASH project in Kyrgyzstan, which was launched during the last year.

Finally, I would also like to extend my gratitude to my **fellow board members**. Even though we were short-staffed this past year we were able to make important strategic adaptations to what the future of our association will look like. It was a pleasure to work with all of you!

On behalf of the entire Board,



Johrina Cron

President

Zürich, 26. February 2022