



2022 Annual Report

Mission, Vision, and Values

As Diyalo Foundation we envision that Nepalese youth are able to successfully develop solutions for problems in their local communities by having access to technological expertise and resources. Our mission is empowering Nepalese youth to become future leaders and to support their local communities through technological development by connecting them with young experts and ecosystems from across the world. We strongly believe in equal access to opportunities, and work to make access to innovation and technology available for Nepalese communities. We work on this through our three locations in Nepal, The Netherlands, and the United States.

Diyalo follows a problem-solution oriented approach, using technology as an enabler to solve local needs in Nepal. Together with our partners, we contribute to the development of both our volunteers and the local communities in Nepal.

We help companies and (knowledge)

institutions to become more socially responsible by facilitating them to share their knowledge and expertise for the benefit of all. We dream of a world in which we are all brave enough to see, care and act on the big challenges ahead of us; In which we care for the world and each other by freely sharing knowledge and expertise to contribute to progress, prosperity and happiness. We are a connector. We connect beautiful minds to bridge gaps to solutions.

In other words: We enable universities, knowledge hubs and high-tech companies to transfer knowledge and expertise towards high potential tech initiatives that lack specific knowledge. We facilitate infrastructures for collaboration, a business & project approach and funding.

We are **problem-solution oriented**

Our solutions come from real problems, not the other way around.



We value **knowledge sharing**

Access to shared knowledge changes lives.



We have **technology as our enabler**

Through our mission, people will experience how technology can improve the world.



Our Approach

We believe solutions need to be owned by their communities, this is reflected in our operating model.

1. We start by finding local needs defined by their communities by looking at the problems that influence their quality of life, health and safety.
2. Our Diyalo Foundation Nepal team connects with potential local organizations (NGOs, government institutions, etc.) for technology-oriented projects. The DFNP evaluates the potential of the proposed project on several key criteria.
3. We find young representatives through these local partners. They are bright, young Nepalese people from within these communities.
4. We find the right expertise for the project within our network of knowledge partners in the US and Europe.
5. Our international technology partner network connects us to emerging young experts who work together to create and execute solutions.
6. We facilitate connection between our emerging technology experts and our Nepalese representatives to develop and implement technology solutions



Board

Diyalo Foundation is based in three countries; Nepal, The Netherlands, and the United States. Each country is represented by a national board, and all boards are coordinated by the international council.

At the end of 2022, the board formation was as follows:

International Council

Binita Pandey
Dilip Shrestha
Marijn Götzenberger
Thom Smetsers
Aavash Thapa
Jord Drontmann

Diyalo Foundation Nepal

Chairman - Sudip Lingthep
Secretary - Dilip Shrestha
Treasurer - Binita Pandey
Board Member - Ashim Dhakal
Board Member - Kiran Khadgi

Diyalo Foundation Netherlands

Chairman - Jord Drontmann
Secretary - Edwin Klinkenberg
Treasurer - Thom Smetsers
Board Member - Marijn Götzenberger

Diyalo Foundation USA

Chairman - Jord Drontmann
Board Member - Adam Rouhana
Board Member - Andrew Schoen
Board Member - Matthew Michaelides
Board Member - Aavash Thapa

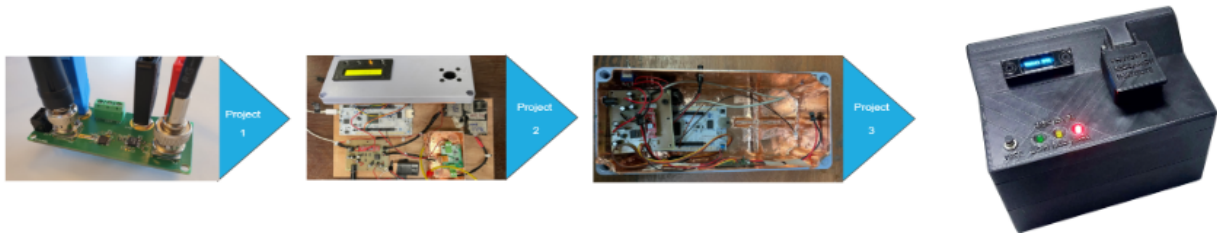
Projects

Live projects

In 2022, our goal was to make one project a great success. Our two key focus projects here were the WAS-system (Water Assessment and Sanitation System) and the babywarmer projects. Besides these two projects we have also supported the development of a medical drone.

WAS-System | Phutung Research Institute

Continuing our standing partnership with Phutung Research Institute, we have partnered with HvA and York University. Drinking water contamination by pathogenic bacteria is one of the big health problems in Nepal. Current systems for water testing are very expensive to use, take a long time to execute, and/or need skilled workers to operate them. PRI, in collaboration with the University of York and HvA have developed prototypes of a low cost portable water quality device which detects contaminants in water (bacteria like E. coli) using optical signals. Ultimately the product should be used in rural settings in Nepal. In order to make the device readily available, the design focus during the project was on reducing cost and increasing portability. We have managed to integrate the existing electronics into a portable device that uses LED to indicate the risk of drinking the water on a red/yellow/green scale.



Babywarmer | National Innovation Centre

It is critical to the survival of newborns that they are kept warm after being born. Affordable and qualitative devices are scarcely available in rural districts of Nepal. Due to financial constraints, in order to provide the necessary thermal protection to prevent hypothermia, medical facilities in Nepal are forced to work with low cost options such as filament bulbs, burn coal, use frail warmers or to rely on donated equipment difficult to maintain due to lack of reliable service.

In 2022, we connected our partner from the National Innovation Centre with mentors to discuss the business side of this project. We have also fundraised 80.000 euros for the continued development of the Nyano Nani babywarmer device together with partners.



Nyano Nani

An low-cost infant radiant warmer
built completely in Nepal



Robust Design



**Engineered for
Transportation**



Minimalist Design



Medical Drone | National Innovation Centre

With National Innovation Centre, we continued our contribution to the medical drone development. These delivery drones will operate in the most rural areas of Nepal which are either only reachable by foot or where roads are often compromised. The aim is for these drones to be placed in hospitals or locations with medical supplies, and then fly over to the areas of need and drop off the products. Not only must these drones be affordable for local communities, but they also need to be able to carry enough weight. Additionally, these long-distance drones (25-35km) quickly travel beyond the visual line of sight in mountainous Nepal and need constant communication with the pilot. However, the mountainous geography poses challenges to reliable communications systems.

We focused on the launching and landing of the drone. This required multiple people to operate the drones safely. Through a partnership with Avans University, we were able to create a prototype of a carriage with a runway for the launch system and a net to hold the frame using elastics. Moving forward, NIC has already requested a team of electronics and software related students to work on creating a sensory image of what is happening around the drone while in flight.



Project Development Strategy 2023

For 2023, we are looking to expand our portfolio of projects and local partners. Right now, we are looking into a range of different partners working on topics such as plastic recycling and cooking stoves. These projects will be selected based on a series of criteria; potential impact of the product, scalability and sustainability, competencies of the organization, facilities at the organization, and expected business model. In 2022, we had a lot of conversations with potential partners but didn't yet find new partners to run projects with. We are looking to change this in 2023!

Trainings

The modern work environment has evolved massively over recent years. The world's population is more mobile than ever, the Internet has enabled business to seamlessly traverse countries and continents, and the rise of remote work means that a workforce is no longer constrained by geographical location. These changes mean that today's workplace has a wonderfully diverse mix of people from many different cultures and backgrounds working alongside each other. In this context intercultural communication plays a vital role to reach project goals. Intercultural communication is much more than just communication between people from different countries. Intercultural communication can make or break relationships on both a company and individual level.

Culture

In order to maintain smooth intercultural communication to achieve the desired goals, Diyalo Foundation conducted three "culture Presentation" sessions for national and international partners. Main intention of cultural training is to foster existing partner relationships and bridge the gap between cultures. The trainings were conducted virtually during convenient times for both international partners. The session started with an introduction of Diyalo foundation and its objective. To make the session playful, the facilitator introduces a short name game to create a safe space for sharing. After the introductory session, the facilitator continued with an informative powerful presentation. Cultural presentation has included geography, ethnography, religion, food, dressing patterns, housing, languages, caste system, ethnic group, currency and many more. To make the session interactive, the facilitator created common ground to share cultural experiences of all the participants. Interactive sharing went very well and participants got a chance to learn more about different cultures.

Cultural training has helped all the participants to be aware of intercultural communication. Training is incredibly important to breaking down cultural barriers and building awareness of cultural norms, as well as enhancing self-awareness and communication skills. Being self-aware about different cultures prevents partners from offending others. In this process, partners can work more effectively across cultural lines. We get a better understanding and broader views of different cultures. As a result, we can build deeper connections with people worldwide to achieve common goals.

Financial Statement 2022

Profit and loss statement			
	2021	2022	2023 Forecast
Income			
Ambassador Donation	€2.887,06	€5.000,00	€1.500,00
GSFE Donation	€3.000,00	€2.850,00	€6.600,00
Friends of Diyalo	€2.656,60	€315,00	€1.100,00
Grants	€0,00	€80.000,00	€0,00
Total	€8.543,66	€88.165,00	€9.200,00
Expenses			
Staff costs	€6.124,92	€4.743,34	€8.448,00
Bank costs	€288,41	€247,33	€2.200,00
Overhead	€1,75	€645,10	€2.920,00
Project cost	€0,00	€0,00	€ 76.000,00
Partner training	€0,00	€54,35	0
Total	€6.415,08	€5.690,12	€89.568,00
Result	€2.128,58	€82.474,88	-€80.368,00

The figures above show the consolidated profit and loss statement of Diyal Foundation Nepal and Diyalo Foundation Netherlands.

Balance Sheet		
	2021	2022
Assets		
Liquid assets	€492,74	€80.933,23
Accounts receivable		€1.350,00
Total Assets	€492,74	€82.283,23
Liabilities		
Accounts Payable		€746,00
Project reservations		€76.000,00
Reserves	€492,74	€5.537,23
Total Liabilities	€492,74	€82.283,23
Net assets & liabilities	€0,00	€0,00

Explanation for income

Ambassador donations come from people who have committed to contributing for a longer period of time or who have contributed more than 500 euros.

GSFE donations come from our collaboration partner, Global School for Entrepreneurship. Global School for Entrepreneurship makes a donation to us in the name of guest speakers.

Friends of Diyalo are sporadic contributors.

This year we also received a grant from Stichting De Boomgaard for the Babywarmer project we are supporting in Nepal.

Explanation for expenses

Staff cost is the cost for our team in Nepal. We have a team of four who work part time and focus on project management, training, and administration.

Bank costs are the costs to keep our bank account and transfer money to Nepal.

Overhead costs are the costs for our website and other incidental expenses.

Partner training costs are costs involved in trainings we contributed to with our partners. This includes catering and venue rent.