

## What is Liana?

Liana is a non-profit Non-Governmental Organisation (NGO) operating in the field of development cooperation. It was registered in 2005 in Finland. Its purpose is to **use holistic approaches that combine improving the state of the environment and human well-being**. It is a membership organization with Regular and Supporting members. All Liana Regular members have extensive knowledge, skills and experience to function in the organisation. Anyone can become a Supporting member. Currently we have 19 members in total.



## What does Liana do now?

Liana has been active in Northern Tanzania since 2006. Since 2017 we have helped schools:

- To build **rainwater harvesting tanks** of 30,000 liters so that children would not need to carry water to school and that there would be enough water for handwashing
- To build **stoves** that save 50-75% firewood compared to the traditional three-stone fire, prevent harmful indoor smoke and make kitchen safer
- To acquire **hand washing kits** near toilets for improved health through hand hygiene, together with educational materials on the importance of hand hygiene
- To start growing **tree seedlings by using wastewater** from handwashing and the school kitchen for environmental conservation and environmental education (and finally to grow enough trees for the school's firewood need)

We collaborate with a group of 15 local builders who are organized into a vocational group called UMAUKI (Umoja wa Mafundi Ujenzi Kilimanjaro). Seven of the builders were trained in Liana projects in 2006 and 2009. Later, they have trained more builders to become skilled stove and tank builders. The hand washing kits are bought from a local metal builder. We do everything on a cost sharing basis with schools.



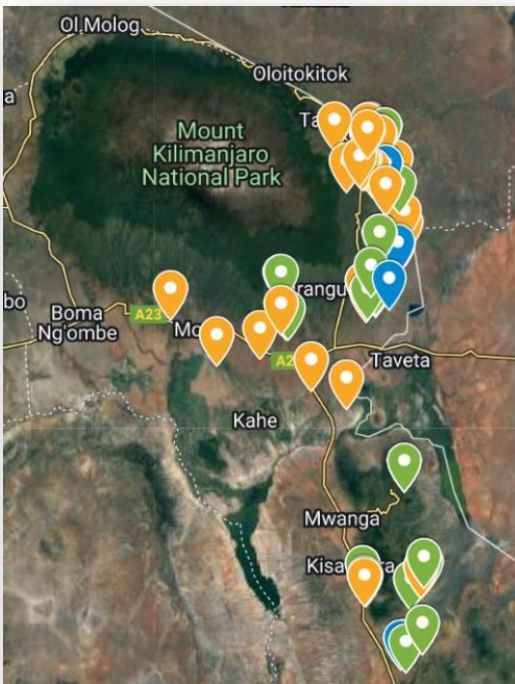
In 2019 we helped a community in Yam Makaa village, Moshi to **fight against serious erosion that had damaged their farmland**. We helped farmers to measure **contours** by using a bunyip, to terrace their farmland by fanya juu terraces and by planting Rhodes grass on the terraces. In addition, **check-dams** were built to stop an erosion gully. As the checkdams slowed down the rainwater runoff, the gully quickly filled with 1.5-2 metres of soil. After that, Elephant grass and tree seedling were planted and now the gully is covered in lush vegetation throughout the year. The two photos below show the gully before and after rehabilitation.



In years 2023-2026 Liana, together with its local partner KIWAKKUKI ([kiwakkuki.org](http://kiwakkuki.org)) will introduce **Forest Gardens** in Northern Tanzania. Forest Gardens are multi-layered, integrated agroforestry system that combines trees, shrubs, crops and animals in one area to sustainably produce a variety of products and environmental services. Impacts of this project are in four main areas: Food security and nutrition, income, environment and empowerment.

## Where does Liana get its funding?

From 2006 to 2014 Liana had donor funding (€50,000-100,000/y) from McKnight Foundation and the Ministry for Foreign Affairs of Finland (MFA). Between 2017 and 2021 we funded our work by crowdfunding and by spontaneous individual donations, by several small grants from Stats4SD ([stats4sd.org](http://stats4sd.org)), and by building school water tanks in collaboration with other organisations. In years 2023-26 the Forest Garden project will be funded by the MFA (€192,000) and Liana's own self-funding (total budget €226,000).



## More info

[The map on the left](#) shows the locations of all the schools that have been helped by Liana.

Read more on Liana web pages:

<https://www.liana-ry.org/> and

<https://www.facebook.com/lianadevelopment>

Contact Liana: [liana@liana-ry.org](mailto:liana@liana-ry.org), +358 400 706322