



“ Our Living Permaculture Project will innovate with shack dwellers and create opportunities for micro enterprises. Our ultimate goal is to improve living situations and food security for shack dwellers in Namibia and beyond. ”



## LIVING PERMACULTURE

### ABOUT THE PROJECT

Permaculture is a system of agricultural and social design principles for “human-centred” landscapes. Such landscapes are able to efficiently and sustainably supply many of the needs of a family or community. Its intelligent, integrated, and holistic approach has made permaculture one of the fastest-growing grass-roots movements around the world.

Namibia has 2.6 million inhabitants, of which 900,000 live in informal settlements. Permaculture minimises external inputs and sets up closed systems, a great approach for people who do not have money. Permaculture methods are always adapted to local conditions (sun, water, soil, etc). This is important because Namibia has very specific settings (frost in winter, rain only in summer; Windhoek is at 1,700 meters altitude and informal settlements are on steep slopes). Permaculture also fosters innovation and low-cost technologies such as micro-farms, composting systems etc.

The project aims to innovate and design model solutions, and to communicate and introduce them to the different informal settlements in Namibia. Shack dwellers will be trained in permaculture, will be part of the designing and testing process, and will be motivated to build these systems and start micro enterprises. Model solutions can include, for example, three-bucket grey water systems, compost toilets, solar ovens, (vermi) compost container-gardening systems, and insulation for shacks.

### PROJECT PARTNERS

Eloolo Permaculture Initiative (EPR), Namibia

People’s Process on Housing and Poverty in Zambia (PPHPZ), Zambia

GIZ Support to Land Reform (SLR) Project, Namibia

Farm Okukuna, Namibia



### PROJECT COORDINATOR

Namibia Housing Action Group Trust (NHAG), Namibia



### IMPLEMENTING COUNTRIES

Namibia, Zambia

### KEY OBJECTIVES

- 10 technologies/services based on permaculture design (re)invented and adapted to local climate.
- A permaculture course for shack dwellers.
- An experimentation and demonstration centre built on Farm Okukuna.
- A handbook on innovative shack and garden design ideas.
- 30 microenterprises for innovative products and services for shack dwellers based on permaculture design.
- 10 shacks/erfs improved with dry ablution facilities, gardens, and grey water systems.
- Three design studio events in Dordabis, Gobabis, and Zambia respectively.