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NATURE-BASED SOLUTIONS FOR ADAPTATION TO CLIMATE CHANGE

Project: Moshi District (Tanzania) – Kiel (Germany)

Introducing new tree care methods at the Himo Tree Nursery to protect the climate and develop job prospects for citizens in Himo, Moshi Rural

During the two-and-a-half years of the project, planting and many other measures were carried out on the site of the rehabilitated Himo Tree Nursery in order to restore and sustainably manage the area. The project team's experiences with a nature-based approach to climate change adaptation were highly positive.

As part of the project, 9,000 indigenous young trees were planted to control erosion control and to green Moshi District. A well-functioning infrastructure was created with an office building plus technical equipment, cultivation equipment, shading nets, an irrigation system and a fish pond. A tree cadastre software application was also programmed. The fish produced is sold to the local population. A bee-keeping facility complements the measures on the project

site. Training, information events and an awareness campaign for the citizens of Himo succeeded in raising people's awareness of climate protection. Five jobs were created, and all the appointees are currently (as of September 2021) still employed. Under the Experts for Municipal Partnerships Worldwide (FKPW) programme, a local expert was hired.

These measures pursued a nature-based approach encompassing the conservation, restoration and sustainable management of ecosystems. These are often cost-effective, offer a useful complement to conventional technical approaches and generate valuable socio-economic benefits for the local population and the region.

Success factors

- Long-term support of the project by an expert employee of the City of Kiel
- Climate action measures combined with socio-economic benefits for citizens
- Planting of endemic tree species
- Implementation of innovative but low-cost measures for sustainable solutions (drip irrigation, use of jute instead of plastic)
- Flexible adjustment of measures and budget as needed
- Cooperation with local non-governmental partners in the context of capacity building
- Involvement of local citizens through information events and training measures
- Expert exchange in both directions

Practical tips

1. Familiarise yourself with the concept of nature-based approaches to climate change adaptation.
2. When planning the project, check which synergies and cross-sectoral effects could result from your joint project.
3. Inform local citizens about the added value of the project and let them participate actively.
4. Prioritise job creation for local professionals, and also include their training in your plans.
5. Identify reliable local partners who already have long-term experience in this field.

ENGAGEMENT GLOBAL gGmbH Service für Entwicklungsinitiativen

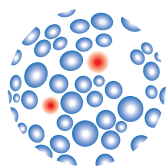
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