

Implemented by **GIZ** Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH

Drones: Drones are used to map the selected dry valley, pictures are used in community meetings and to identify possible areas for intervention

**ICT:** Digitalization in areas of communication and applications to effectively and efficiently improve livelihoods

1.

Biological measures: forage crops and indigenous trees are planted to protect the WSWs and create a forage bank for the community

> Water Spreading Weirs: structures are built to harness floods and spread the water increasing infiltration

> > ii

Mason training: Community members are trained in masonry work enabling the construction of WSW while creating additional job opportunities

area

Nurseries: necessary planting material for biological measures is produced in community managed nurseries creating a source of income

Dry Stone measures: low cost technology utilizing locally available stones to reduce the speed of water on hillsides and improve infiltration

> Community planning: together with community and district experts challenges are discussed, solutions identified, implementation plan is created



Access rights: access rights to land, trees and water are cleared with the clans and government officials to identify implementation

> Flood based farming: community uses the improved water availability to produce food, fodder crops and fruit trees, realising high yields

> > Community Based Organisation: the rehabilitated dry valleys are managed by the community through bylaw regulated groups

tings -

## Aten year journey Strengthening Drought Resilience



guarded by the community to protect the growing crops

)I)

N

valley under Rehabilitation

Water filters: to ensure a safe drinking water supply the available water is filtered through group owned maintenance free filters

Value chains: marketing opportunities are explored to market the expected surplus of forage and milk

> **Community radio:** through radio transmissions the local communities get early information about impending disaster such as droughts, floods, pests and diseases enabling better preparation