

SMALL GRANTS FACILITY

Responding to climate change

Community Adaptation Small Grants Facility project: An Overview



Clockwise: Project beneficiaries harvesting agricultural produce from an established Climate-Smart Nursery in the Vuhehli Village, Mopani District (Photo: SANBI); Heat and drought tolerant climate-resilient livestock, that were introduced in the Leliefontein and Kamiesberg communities, Namakwa District (Photo: SANBI); An established climate-smart communal garden in the Mamanyoha Village has introduced drip irrigation techniques to irrigate agricultural produce, Mopani District (Photo: SANBI).



**forestry, fisheries
& the environment**

Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA



ADAPTATION FUND

SANBI

Biodiversity for Life

South African National Biodiversity Institute



Project Overview

The “Taking Adaptation to the Ground: A Small Grants Facility for enabling local level responses to climate change” project (known as the Community Adaptation Small Grants Facility project) was funded by the Adaptation Fund in 2014. The project was submitted to the Adaptation Fund by the South African National Biodiversity Institute as the accredited National Implementing Entity for the Adaptation Fund in South Africa.

The Adaptation Fund was established by the Parties to the Kyoto Protocol of the United Nations Framework Convention on Climate Change, as a mechanism to finance concrete adaptation projects and programmes in developing country parties. Project funding is accessed via Multilateral Implementing Entities and National Implementing Entities. The latter is known as ‘Direct Access’. As of 2011, the South African National Biodiversity Institute was accredited as South Africa’s National Implementing Entity to the Adaptation Fund.

Objectives

The project sought to pilot a new mechanism of Enhanced Direct Access for local level climate change adaptation in South Africa, with a broad goal of understanding how such a mechanism could be scaled and replicated in the future. Enhanced Direct Access allows internationally sourced funds to be accessed, held, and distributed at the national and sub-national level.

The objective of the project was to increase resilience and reduce the vulnerability of local communities who are most vulnerable to climate change through building capacity and empowering these communities to identify and implement adaptation measures. It aimed to facilitate the inclusion of climate adaptation responses into local practices so that assets and livelihoods would be protected from local climate-induced risks associated with expected dry spells and droughts, seasonal shifts and storm-related disaster events. The emphasis was to support projects that harnessed local knowledge and creativity, integrated climate science, addressed gender disparities and ultimately generated tangible adaptation responses.

Approach

The Community Adaptation Small Grants Facility project identified vulnerable, rural communities in the Namakwa District in the Northern Cape and the Mopani District in Limpopo, South Africa. The project offered grant sizes of approximately. US\$100 000 to communities for the implementation of tangible climate change adaptation responses that were identified locally. The project was approved as a four-year pilot project but was extended to over five years to accommodate unforeseen delays.

Local vulnerability assessments were conducted in each of the targeted District Municipalities to understand and identify projected climate impacts and related community vulnerabilities and inform project design. Communities could apply for grants in three investment windows, that responded to these vulnerabilities. The investment windows were as follows:



Projects in the **Climate-Smart Agriculture** investment window were expected to address the direct or indirect impacts of climate change on agricultural production and could target livestock and/or crop production.



Projects in the **Climate-Resilient Livelihoods** investment window were anticipated to increase the resilience of income generating activities and associated assets in the face of a changing climate.



Projects in the **Climate-Proof Settlements** investment window were expected to address the climate change vulnerability of settlements, the people living in those settlements and the infrastructure on which they depend.

Below: Semi-arid land landscape in the Northern Cape Province, Namakwa District (Photo: DFFE).



Focus Area



Management & Execution

SouthSouthNorth was appointed as the Executing Entity of the project, and Conservation South Africa and Choice Trust were appointed as Facilitating Agencies that supported the project in the Namakwa District Municipality, and Mopani District Municipality, respectively.

The project was governed through several interlinked governance structures. The National Adaptation Funds Advisory Body provided overall project governance and promoted linkages with the National policy environment. It also served as a decision-making body for the approval of small grant proposals. National Adaptation Funds Advisory Body membership included the Department of Forestry, Fisheries and the Environment as the National Designated Authority, National Treasury, National Disaster Management Centre, Department of Science and Innovation, Department of Planning, Monitoring and Evaluation, National Business Initiative and the Adaptation Network, with the South African National Biodiversity Institute as the secretariat.

A Project Advisory Group considered project progress and provided support and guidance to the Executing Entity. It reflected on the small grant project proposals, made recommendations to National Adaptation

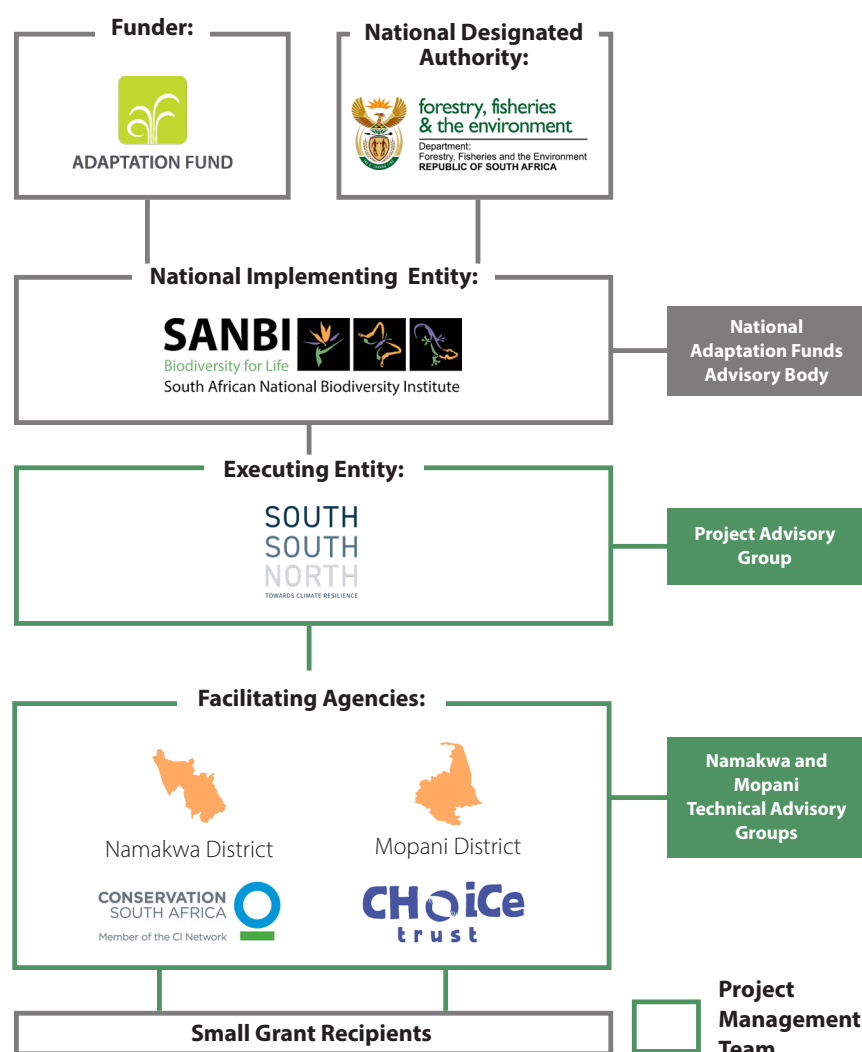


Figure 1: Community Adaptation Small Grants Facility Project Management & Execution.

Funds Advisory Body and provided guidance on implementation. The Project Advisory Group included the Department of Forestry, Fisheries and the Environment, Adaptation Network, South

African National Biodiversity Institute and representatives from each District Municipality, with SouthSouthNorth as secretariat.

Local Reference Groups, named Technical Advisory Groups, were established by each Facilitating Agency for each District to screen small grant project proposals. The Technical Advisory Groups ensured that projects were locally contextualised and technically robust. Technical Advisory Groups included representatives from selected provincial and local government departments and relevant adaptation experts from research and academic institutions.

Outcomes

Twelve Small Grant Recipient projects were approved and completed, building adaptive capacity and delivering a range of tangible local benefits for **1921** direct and **9006** indirect beneficiaries.

High Level Outcomes



Agricultural Adaptation Assets

Projects in the Climate-Smart Agriculture window included the introduction of hardier livestock breeds, improved grazing management and practices for local farmers, and the development of climate-smart food gardens that incorporated multiple elements including agroecology, biogas digesters, and simple technology food coolers and dryers.

- 12 livestock shelters;
- 89 climate-resilient livestock;
- 2 reservoirs for water storage;
- 4 nurseries;
- 1 biogas digester;
- 1 solar drier;
- 2 poultry houses;
- 3 communal climate-resilient food gardens;
- 3 climate-resilient grazing plans developed;
- 3.97 ha communal climate-resilient food gardens;
- 136 backyard climate-resilient food gardens;
- 37 tanks used for rainwater harvesting for small-scale farming; and
- 26 tanks for water storage for small-scale farming.



Livelihood Adaptation Assets

Projects in the Climate-Resilient Livelihoods window included savings groups that provided additional income in support of adaptation measures, and the establishment of a safety-at-sea mechanism to protect small-scale fisher livelihoods.

- 20 savings groups;
- 3 storage and processing sheds;
- 1 water committee;
- 1 early warning systems for fishers;
- 1 disaster risk response mechanism for fishers;
- 2 climate-resilient small-scale fisher cooperatives;
- 3 shelters for vegetable production; and
- 2 cooling facilities for food traders.



Settlement Adaptation Assets

Projects in the Climate-Proof Settlement window included the installation of household rainwater harvesting systems, shelters for herders to protect them against extreme temperatures, and systems that assist with weather prediction.

- 15 houses with improved insulation;
- 3 compost toilets;
- 2 earth dams refurbished;
- 154 tanks for domestic rainwater harvesting;
- 13 mobile herder shelters; and
- 5 donga/gullies rehabilitated.

It also provided deep insight into the Enhanced Direct Access modality, including its benefits and challenges. This experience is detailed in nine Case Studies.

Drawing directly on the experience of institutional role-players and especially the Small Grant Recipients themselves, these

case studies aim to document the project processes, capture the outcomes and gather lessons learned towards the future scaling up and replication of small grant financing approaches, in South Africa and beyond.

Small Grant Recipient projects:



Namakwa District



- 01** Climate Proofing Herder Shelter to Facilitate Climate Change Adaptation:
Kamiesberg Heritage Foundation in partnership with Conservation South Africa
- 02** Building Resilience for Northern Cape Small-Scale Fisher Communities and Cooperatives:
Coastal Livelihoods Foundation NPC and Abalobi in partnership with Conservation South Africa
- 03** Climate Proofing Small-Scale Rooibos Production:
Heiveld Cooperative Limited
- 04** Two Communities Adapting Together:
Environmental Monitoring Group Trust in partnership with Universität Hamburg
- 05** Biodiversity and Redmeat Cooperative's Land & Livestock Adaptation:
Gondwana Alive in partnership with Biodiversity en Rooivleis Kooperatief (BRK)
- 06** Building Resilience to Climate Change by Promoting Saving:
SaveAct Trust
- 07** Concordia Farmers Adaptation Project:
Concordia Landbou Boerevereniging in partnership with Conservation South Africa



Mopani District

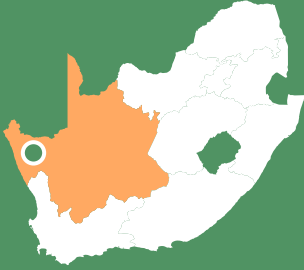


- 08** Vuhehli Climate-Smart Agriculture Vegetable & Nursery:
Exilite 499 cc and Vuhehli Drop-in centre in partnership with CHoiCe Trust
- 09** Drought Resilient Agriculture Project:
Holani Home Based Care
- 10** Small Scale Vegetable Gardening Under Controlled Environment for Communal and Family Household Backyards:
Khanimamba Training and Resource Centre in partnership with CHoiCe Trust
- 11** Enhancing Food Security through Climate-Smart Agriculture:
Ramotshinyadi HIV/AIDS Youth Guide
- 12** Ga-Ntata Rainwater Harvesting System and Rain Gauge:
Tsogang Water and Sanitation, in partnership with DMW Limpopo (Pty) Ltd

Project

01

Location



Timeline

June 2018 - September 2019



**Small Grants Facility Grant
Amount Allocated**

R 1 208 813

**Small Grants Facility Grant
Amount Spent**

R 1 122 072

Below: Livestock herders from the Kamiesberg Heritage Foundation showcasing their mobile herder shelter (Geodesic Dome) which allows herders to access distance grazing fields in Kharkams and Steinkopf, Namakwa District (Photo: SANBI).

Small Grant Recipient - Project Title:

Climate Proofing Herder Shelter to Facilitate Climate Change Adaptation

Recipient

Kamiesberg Heritage Foundation in partnership with Conservation South Africa

Investment Window

Climate-Smart Agriculture and Climate-Resilient Livelihoods



Climate Rationale/ The Need

Extreme temperatures exacerbated by climate change in the Namakwa District have negatively affected livestock production in the Kharkams and Steinkopf rural areas. Herders in these regions lack adequate shelters to withstand the harsh climate. This compromises their health and curtails their ability to herd their livestock which has enhanced the vulnerability of their livestock to illness, predators and dehydration.

Small Grant Recipient Adaptation Responses

The grant was used to build climate adaptation responses for herders through the provision of multipurpose mobile shelters to protect them from extreme weather events. The shelters' water harvesting technologies help herders cope during periods of drought. The project also provided training to the herders on how to assemble and maintain the shelters, utilise water harvesting technologies and how to ensure water safety and hygiene. In addition, sustainable grazing plans were developed to improve rangeland and wetland management in the area.

These interventions improved the ability of herders, who spend much of their time in the veld, to notice livestock illnesses sooner, keep predators away, and guide livestock to improved food, and water resources. These plans were intended to allow for better grazing management, giving plants time to regrow, and breaking up compacted soil, which improved the land's ability to hold as much rainwater as possible.

Mobile herder shelters	Tanks for rainwater harvesting for small-scale farmers	Climate-resilient grazing plans developed
13	13	1

15

Beneficiaries Total



Women: 3



Men: 12



Youth: 2



Kamiesberg Heritage Foundation

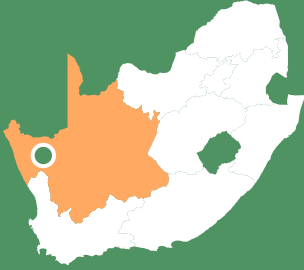


Member of the CI Network

Project

02

Location



Timeline

June 2018 - June 2019

Small Grants Facility Grant
Amount Allocated

R 1 677 597

Small Grants Facility Grant
Amount Spent

R 1 593 316

Below: The Safety at Sea System that provides off-shore tracking for small-scale fishers in Hondeklipbaai Bay and Port Nolloth, Namakwa District (Photo: SANBI).



Small Grant Recipient - Project Title:

Building Resilience for Northern Cape Small-Scale Fisher Communities and Cooperatives

Recipient

Coastal Livelihoods Foundation NPC and Abalobi in partnership with Conservation South Africa

Investment Window

Climate-Resilient Livelihoods



Climate Rationale/ The Need

The Hondeklipbaai and Port Nolloth small-scale fisher communities in the Northern Cape depend on small-scale fishing to support their livelihoods.

Projected climate change impacts and extreme weather events, such as severe storms and prevailing winds, pose significant danger and directly threaten the lives of fishers, and result in productivity losses.

Small Grant Recipient Adaptation Responses

The grant was used to improve the resilience of small-scale fishers to more extreme and less predictable weather events in two coastal towns in Namakwa District, Hondeklipbaai Bay and Port Nolloth. A Safety at Sea System was established through providing off-shore tracking systems and radio hand-sets for fishers in order to ensure that an emergency response plan is available to safeguard fishers. Local fishers were also empowered with financial management and enterprise development training to help them gain better market access and bargain more effectively, ultimately enabling them to strengthen their businesses and enhance their livelihoods.

Enhanced early warning systems for fishers	Faster risk response mechanisms for fishers	Climate-resilient small-scale cooperatives
1	1	2

111

Beneficiaries Total



Women: 13



Men: 98



Youth: 14



Project

03

Location



Timeline

September 2016 – June 2019

Small Grants Facility Grant
Amount Allocated

R 1 320 000

Small Grants Facility Grant
Amount Spent

R 1 155 387

Below: Climate-smart agricultural techniques introduced to improve productivity of rooibos tea in the Suid Bokkeveld region, Namakwa District (Photo: SANBI).



Small Grant Recipient - Project Title:

Climate Proofing Small-Scale Rooibos Production

Recipient

Heiveld Cooperative Limited

Investment Window

Climate-Smart Agriculture and Climate-Resilient Livelihoods



Climate Rationale/ The Need

The Suid Bokkeveld region in the Northern Cape is well known for rooibos tea production. Over the past decades, vulnerable small-scale rooibos tea farmers in the arid Suid Bokkeveld have seen a reduction in their yield. This has caused livelihood challenges due to the lower production of good quality tea for taking to market.

This has largely been caused by an increase in temperatures, extreme droughts, water scarcity and erosion of topsoil during intense rainfall periods.

Small Grant Recipient Adaptation Responses

The project introduced climate-smart agricultural approaches such as mulching and composting to improve the productivity of rooibos fields. The project also addressed water security challenges through the installation of 10 rainwater harvesting tanks and a weather station to enhance knowledge of climate impacts through recording local weather events.

Areas Under climate-smart farming practices	Water storage tanks for small-scale climate-smart farming	Weather Stations
23 ha	10	1

107

Beneficiaries Total



Women: 35



Men: 72



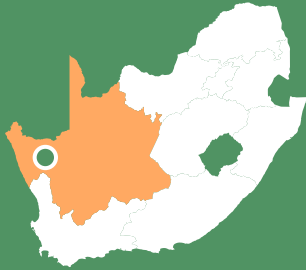
Youth: 31



Project

04

Location



Timeline

September 2016 – June 2019

Small Grants Facility Grant
Amount Allocated
R 1 320 000

Small Grants Facility Grant
Amount Spent
R 1 224 201

Below: Rainwater harvesting system and storage tanks in the Suid Bokkeveld, Namakwa District (Photo: SANBI).

Small Grant Recipient - Project Title:

Two Communities Adapting Together**Recipient**

Environmental Monitoring Group Trust (in partnership with Universität Hamburg)

Investment Window

Climate-Resilient Livelihoods and Climate-Proof Settlements

**Climate Rationale/ The Need**

A combination of climate induced impacts such as drought, heat-waves and cold temperatures have threatened small-scale farmers and human settlements in the Suid Bokkeveld. Communities in this region largely depend on subsistence and commercial agriculture for income. The prevalence of extreme hot and cold temperatures create challenges for communities. Communities have found their houses to be uninhabitable during these changing climatic conditions.

Small Grant Recipient Adaptation Responses

The project introduced household insulation for temperature regulation, improved water security through the installation of rainwater harvesting systems and storage tanks, and installed compost toilets to reduce household water requirements. Some of the households that installed rainwater harvesting systems also established water-wise gardens. Throughout the project, participatory planning and training was emphasised to ensure that knowledge and skills were transferred to other community members.

Houses with improved insulation	Tanks used for domestic rainwater harvesting	Compost toilets	Climate-resilient backyard food gardens
15	39	3	8

196

Beneficiaries Total



Women: 119



Men: 77



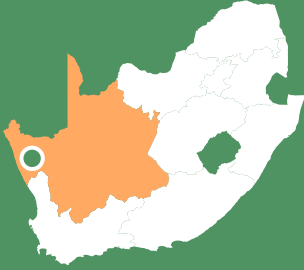
Youth: 52



Project

05

Location



Timeline

August 2016 - June 2019

Small Grants Facility Grant
Amount Allocated
R 1 320 000

Small Grants Facility Grant
Amount Spent
R 1 311 229

Below: Semi-indigenous climate-resilient livestock
(goats and sheep) which are heat and drought
tolerant in Leliefontein, Namakwa District
(Photo: DFFE).



Small Grant Recipients - Project Title

Biodiversity and Redmeat Cooperative's Land & Livestock Adaptation

Recipient

Gondwana Alive in partnership with Biodiversiteit en Rooivleis Kooperatief (BRK)

Investment Window

Climate-Smart Agriculture



Climate Rationale/ The Need

The Leliefontein and Nourivier farming communities are reliant on livestock farming to support their livelihoods however, due to changing climatic conditions, the local livestock breeds have struggled to cope with extreme hot and cold temperatures. This has negatively affected livestock production (predominantly sheep and goats) in the region thus affecting food and livelihood security. Furthermore, rangelands and wetlands have been degraded by inappropriate land practices which are exacerbated by climate change and poor grazing methods.

Small Grant Recipient Adaptation Responses

This project introduced a breed of climate-resilient livestock which are heat and drought tolerant. The introduced livestock are semi-indigenous or indigenous. Additionally, the project included the implementation of carefully planned and scientifically sound grazing management regimes to maintain fodder availability for livestock and prevent further degradation of natural resources.

Climate-resilient livestock	Climate-resilient grazing plans developed
89	1

85

Beneficiaries Total



Women: 23



Men: 62



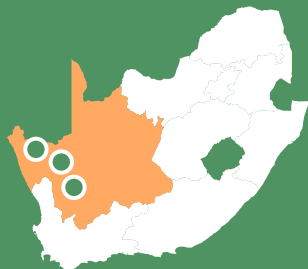
Youth: 27



Project

06

Location



Timeline

August 2016 - June 2019

**Small Grants Facility Grant
Amount Allocated**

R 1 569 297

**Small Grants Facility Grant
Amount Spent**

R 1 544 558

Small Grant Recipient - Project Title:

Building Resilience to Climate Change by Promoting Saving

Recipient

SaveAct Trust

Investment Window

Climate-Resilient Livelihoods



Climate Rationale/ The Need

Climate change and weather patterns are becoming less predictable and more extreme in the form of prolonged droughts and extreme weather conditions. This has affected settlements, agriculture and livelihoods in the Namakwa District. Building climate resilience to climate impacts requires readily available financial resources. As such, a culture of investment and financial saving is required to build resilience. The limited availability of financial institutions in the district has proven to be a challenge for community members in the Namakwa District.

Small Grant Recipient Adaptation Responses

A savings culture was entrenched following the establishment of savings groups in the Namakwa District. Savings Group members were provided with financial education training. Savings groups allowed for members to collectively save money and borrow at a 10% service charge to support their livelihoods. Savings assisted the beneficiaries to access financial resources through loans to buy fodder in times of drought, as well as medicines, and livestock.

Long-term investment training was provided through a Saving and Adapting our Livelihoods Together (SALT) board game that was developed as part of project. through the game, beneficiaries learnt to consider long-term and green alternative investments as a means to adapt to climate change while maintaining their households.

Savings groups established	SALT Game
20	1

290

Beneficiaries Total



Women: 250



Men: 40



Youth: 59



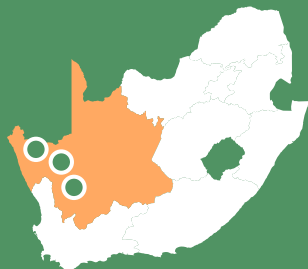
Below: SALT Board game training workshop, promoting long-term investing and a savings culture in Leliefontein, Namakwa District (Photo: SANBI).



Project

07

Location



Timeline

June 2018 – January 2020

**Small Grants Facility Grant
Amount Allocated**

R 1 186 278

**Small Grants Facility Grant
Amount Spent**

R 1 072 860

Below: Multipurpose shelter for protecting livestock (goats and sheep) against extreme weather events, Namakwa District (Photo: SANBI).



Small Grant Recipient - Project Title:

Concordia Farmers Adaptation Project

Recipient

Concordia Landbou Boerevereniging in partnership with Conservation South Africa

Investment Window

Climate-Resilient Livelihoods



Climate Rationale/ The Need

Livestock farmers in Namakwa are vulnerable to the impacts of climate change as animals struggle to cope with extreme temperatures, and food and water sources are sparse in the already arid region, which now experiences more frequent drought conditions.

Small Grant Recipient Adaptation Responses

The grant was used to construct multipurpose livestock shelters to reduce the strain of climate change on the livestock livelihoods of small-scale farmers caused by climate change.

The multipurpose livestock shelters were constructed to protect livestock against extreme heat and cold, wind and rain. In addition, shelters contained two in-built rainwater harvesting tanks. Five moveable water tanks, with 5000 l capacity each, were also installed at existing boreholes in open commonage areas to benefit the wider community.

Livestock shelters	Tanks used for rainwater harvesting for small-scale farming	Climate-resilient grazing plans developed	Tanks for water storage for small-scale climate smart farming
12	24	1	5

20

Beneficiaries Total



Women: 0



Men: 20



Youth: 0



Concordia Landbou
Boerevereniging

CONSERVATION
SOUTH AFRICA
Member of the CI Network



Project

08

Location



Timeline

June 2018 - September 2019



Small Grants Facility Grant
Amount Allocated

R 1 775 334

Small Grants Facility Grant
Amount Spent

R 1 626 869

Below: Project beneficiaries harvesting agricultural
produce from an established Climate-Smart
Nursery in the Vuhehli Village, Mopani District
(Photo: SANBI).



Small Grant Recipient - Project Title:

Vuhehli Climate-Smart Agriculture Vegetable & Nursery

Recipient

Exilite 499 cc and Vuhehli Drop-in centre in partnership with CHoiCe Trust

Investment Window

Climate-Smart Agriculture and Climate-Resilient Livelihoods



Climate Rationale/ The Need

The Vuhehli Village in the Mopani District is among many rural villages adversely affected by climate change impacts in the form of increased high temperatures and erratic rainfall events which have negatively affected the community's food security and livelihoods. This has caused challenges for subsistence farmers at households and child care drop-in centres.

Small Grant Recipient Adaptation Responses

The project established a climate-smart food garden at the Vuhehli Drop-in Centre. This project used practices such as conservation agriculture, agroecology-farming principles, water management systems, and the planting of drought-resistant crops. The project also piloted the use of bio-slurry in the garden, food drying and cooling storage technologies to promote food security in the village. The climate-smart food garden enabled Vuhehli community members to access nutritious food and allowed for opportunity to produce vegetables for sales. Beneficiaries learned to plant drought-resistant crops and use bio-slurry in the garden to improve the quality of produce.

Communal climate-resilient food gardens	Climate-smart nurseries	Tanks for water storage for small-scale climate-smart farming	Reservoirs for water storage
0.25 ha	2	6	1
Biogas digesters	Climate-smart solar driers	Storage and processing sheds	Cooling facility for food traders
1	1	1	1

243

Beneficiaries Total



Women: 131



Men: 112



Youth: 63



Exilite 499 cc and Vuhehli
Drop-in centre

CHOiCe
trust

Project

09

Location



Timeline

July 2017 - September 2019



**Small Grants Facility Grant
Amount Allocated**

R 1 337 384

**Small Grants Facility Grant
Amount Spent**

R 1 332 608

Below: Project beneficiaries in a communal garden established using Climate-Smart Agricultural techniques to improve food security, in the Mninginisi Village, Mopani District (Photo: SANBI).



Small Grant Recipient - Project Title:

Drought Resilient Agriculture Project

Recipient

Holani Home Based Care

Investment Window

Climate-Smart Agriculture



Climate Rationale/ The Need

Long held rural livelihoods such as communal crop production has seen as massive decline in the Mopani District due to unreliable rainfall patterns and increased heat conditions for farmers who solely depend on precipitation for irrigation. Community members in the Mninginisi Block 2 Village have experienced food security challenges due to reduced interests in farming which results in failed crops.

Small Grant Recipient Adaptation Responses

Through the implementation of this project by the Holani Home-Based Care, a communal climate-smart food garden was established, which uses agroecology and water-wise techniques to improve food security and generate income for vulnerable community members.

The project also provided training on conservation agriculture which has enabled project participants to develop skills and utilise waterwise farming techniques to grow their own vegetables. Excess produce was sold to the communities to supplement household income which improved the ability to adapt to and cope with the impacts of climate change.

Communal climate-resilient food garden		Water storage tanks for small-scale climate-smart farming	
1.9 ha		3	
Climate-smart nurseries	Storage and processing sheds	Donga/gullies rehabilitated	
1	1	1	

131

Beneficiaries Total



Women: 75



Men: 56



Youth: 52



Holani Home Based Care

CHOICE
trust

Project

10

Location



Timeline

July 2017 - September 2019

Small Grants Facility Grant
Amount Allocated

R 1 507 391

Small Grants Facility Grant
Amount Spent

R473 808 (Original
Project) + R218 396
(Close Out)

Below: Project beneficiaries in an established communal
vegetable garden, aimed at improving food security
in the Homu 14B Village, Mopani District
(Photo: SANBI).

Small Grant Recipient - Project Title:

Small Scale Vegetable Gardening Under Controlled Environment for Communal and Family Household Backyards

Recipient

Khanimamba Training and Resource Centre

Recipient for Close Out

CHoiCe Trust

Investment Window

Climate-Smart Agriculture



Climate Rationale/ The Need

Households who practice subsistence farming in the Homu14B community saw a rise in crop failure and as a result of increasing temperatures, reduced rainfall and more extreme weather events. Due to the resultant decline in food production, malnutrition and poverty rates increased, which placed further strain on the already vulnerable community.

Small Grant Recipient Adaptation Responses

The awarded grant was for the up-skilling of 25 Homu14B Village project beneficiaries, the establishment of a communal vegetable garden and the establishment of 125 climate-smart backyard gardens. Through the implementation of the project, community members received training in agroecological techniques to become master trainers

Climate-resilient backyard food gardens	Reservoirs for water storage
128	1

128

Beneficiaries Total



Women: 116



Men: 12



Youth: 25



Khanimamba Training and
Resource Centre

CHOiCe
trust

Project

11

Location



Timeline

June 2017 – September 2019



**Small Grants Facility Grant
Amount Allocated**

R 1 795 555

**Small Grants Facility Grant
Amount Spent**

R 1 751 458

Below: Project beneficiaries harvesting agricultural produce from a communal garden that was established to improve livelihoods and food security through implementing Climate Smart Agricultural techniques, Mamanyoha Village, Mopani District (Photo: SANBI).



Small Grant Recipient - Project Title:

Enhancing Food Security through Climate-Smart Agriculture

Recipient

Ramotshinyadi HIV/AIDS Youth Guide

Investment Window

Climate-Smart Agriculture, Climate-Resilient Livelihoods



Climate Rationale/ The Need

Losses in agricultural productivity due to climate change is threatening food security in the Mamanyoha Village. Small-scale farmers in the village rely on less predictable rainfall for irrigation and the increase in extreme temperatures has led to crop failure. This has greatly reduced the practice of subsistence and commercial farming in the village resulting in food and livelihood security challenges.

Small Grant Recipient Adaptation Responses

This project established a self-sustaining communal garden and a poultry farm to improve food security and livelihoods for project beneficiaries in the Mamanyoha Village. The project also address challenges in the availability of irrigation water through the installation of rainwater harvesting and storage systems.

The project also provided skills and capacity building trainings to beneficiaries in order to maintain the garden using climate-smart agroecological techniques such as mulching and compost making.

Communal climate-resilient food garden	Tanks for water storage for small-scale climate-smart farming	Reservoirs for water storage	Climate-smart nurseries
1.82 ha	2	1	1
Poultry House	Cooling facility for food traders	Storage and processing sheds	Dongas/ gullies rehabilitated
1	1	1	2

66

Beneficiaries Total



Women: 39



Men: 27



Youth: 20



CHOICE
trust

Project

12

Location



Timeline

June 2017 – June 2019

**Small Grants Facility Grant
Amount Allocated**

R 1 745 455

**Small Grants Facility Grant
Amount Spent**

R 1 633 261

Below: A beneficiary of a Rain Water Harvesting system that enables water storage and the establishment of a backyard food garden in the Ga-Ntata Village, Mopani District (Photo: SANBI).



Small Grant Recipient - Project Title:

Ga-Ntata Rainwater Harvesting System and Rain Gauge

Recipient

Tsogang Water and Sanitation, in partnership with DMW Limpopo (Pty) Ltd

Investment Window

Climate-Proof Settlements



Climate Rationale/ The Need

Water security has been a major challenge in the Ga-Ntata Village for households and livestock farmers. Changing climatic conditions has resulted in erratic and decreased rainfall which has caused water security challenges for domestic and agricultural use in a community that already experiences high poverty levels.

Small Grant Recipient Adaptation Responses

The awarded grant was used to improve the community's access to water through the installation of rainwater harvesting systems in the Ga-Ntata Village. Following the installation of water harvesting and storage systems, project beneficiaries established backyard gardens to improve their food security challenges.

Livestock farmers also benefited following the refurbishment of two existing earth dams in order to increase storage capacity. In addition, a water committee, consisting of approximately 30 members, was established to raise community awareness about impacts of climate change on precious water resources and respond to water access challenges.

Water committee	Tanks used for domestic rainwater harvesting	Earth dams refurbished	Dongas/gullies rehabilitated
1	115	2	2

529

Beneficiaries Total



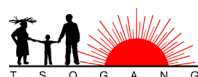
Women: 279



Men: 250



Youth: 77



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Case Study Series



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Recommendation:

The Community Adaptation Small Grants Facility project was funded by the Adaptation Fund, endorsed by the Department of Forestry, Fisheries and the Environment as the National Designated Authority, implemented by the South African National Biodiversity Institute as the National Implementing Entity, and executed by SouthSouthNorth as the Executing Entity. The project was locally supported by the Namakwa and Mopani District Municipalities and locally facilitated in the Districts by Conservation South Africa as the Namakwa Facilitating Agency and CHoiCe Trust as the Mopani Facilitating Agency. Civil society was represented in the project's governance structures by the Adaptation Network.



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