# Communicating adaptation results and impact to reach key audiences

Mandy Barnett Chief Director: Adaptation Policy and Resourcing Division SANBI AF NIE Seminar, 2022



#### Why and how are we communicating?

- Who is sending and why?
- Who is receiving?
- What are the key messages?
- What platforms?

#### Enabling tools:

- Project logos project partners can connect communication
- Branding guidelines and strategies
- High resolution imagery

#### Making the case experience:

- Communicate with messages of 'hope of gain', not 'doom and gloom'
- Connect with a 'heart' message, of a better future
- Align messaging with country priorities for social and economic development



Responding to climate change



### **Project logos**

# Basic project info and flyers



GRANTS

## Demystifying climate change





South Africa's rich plant and animal life, and its ecosystems, give society a range in water, weste process of services that we bepend on, such as clean water to brake the intensity of fast-moving flood waters.

Climate change will affect these services in many ways: droughts will dry grassiands and leave the solls exposed and vulnerable to erosion when the rains nally come; eredee wetlands will lose their ability to catch and hold water which hey would later trickle-feed into rivers to help maintain their flow all year round tioss of insect diversity will slow down pot instion of agricultural

Ecosystem-based Adaptation is the use of biodiversity and ecosystems to support communities to adapt to life in a less predictable climate system. nvestments in the management, restoration and rehabilitation of ecosystems and their services are investments in the communities who depend on them.

Ecosystem-based Adaptation efforts can lessen flooding, improve water and soll quality, and contribute to livelihood opportunities. They deliver benefits for society and the environment at the same time, and are an important way of safeguarding development in the face of climate change





a systems, i ke weblands or grasslands, in both informal and rural setting on mely vulnersible to climate-related disasters such as storms and flooding.

Climate change will make these disasters happen more often, and with greater intoxially in many places. Designing, building or adapting initialization in these settlements, so that it can absorb the shock of these extreme weather events, is an essential, proactive part of disaster management in the face of primate mang

There are many ways to climate-proof settlements so that the built environment is There are many ways to stimula-craced settlements so that the but thereionnent is better able to cover the attern works there events. These nuclei mass line) lattern ways the stimular works the nuclei mass line) lattern in the stimular set of the set of the stimular set of the stimular set of the set of the stimular set of the stimular set of the stimular set of the set of the stimular set of the stimular set of the set of the set of the set of the stimular set of the climate-proofing activities are designed to be long lasting, environmentally sound, economically viable and socially acceptable.

investing in climate proofing settlements he os to reduce loss of life, and tries to stop physical damage to property which is costly and disrupts





Poor, rural and disasyantoged communities are more likely to struggle with the environmental shocks that come from weather-related natural disasters. In particular, climate change will neve an immediate and measurable impact on the way goods are produced and sold, and on these communities' ability to make a living, investments in climate-real ent live hoods support becole to make a living in such a way that they are able to cope with, and recover from, the effects of succen or slow onset changes in weather patterns.

ore are many ways to invest in making people's livelihoods more resilient to climate shocks. These could include:

Supporting street venciors to keep their produce cool in the face of increasing.

 - subporting there venous to weep the produce could in the face of increasing temperatures
- Frokiding shelters for livestock that are affected by heat stress.
- Frokiding shelters for livestock that are affected by heat stress.
- Cataliag address to technopotic nucles in times of rooting.
- Setting us servings and insurance screenes.
- Filiping community members to duratily the ways they generate an income so that they are less affected by the negative impacts of climate change

In some cases, it may even be possible to take advantage of the effects of climate change. By "Minotaking and conversing innovative climaterestient livelihoods, vulnerable communities can buffer tremselves agenst the impacts of climate change and calificated development.

For more information, entail climatefunds/stanbillog.za

#### CLIMATE CHANGE AND ADAPTATION

e projections indicate that the uMgungundlovu District Municip (UMDM), in KwaZulu-Natal, South Africa, will experience a warmer future with uncertain changes in mean annual rainfall, but with an increased number of flash flood and storm events due to an increase in short duration rainfall. With floods, severe storms and wildland fres already being among the main hazards currently faced by communities in the UMDM, the projections are of cern as they indicate an increased risk of these climate-driven events and also lead to an increase in drought events.

The uMngeni Resilience Project (URP), has been set up in the uMgungundlov District Municipality to start to address these concerns. Through the project, the Municipality will work with communities and small-scale formers to help them cope with these extreme weather-related events. The project will use four plot sites to show different ways that communities can prepare for changing weather patterns, so they are better oble to bounce back quicker and stranger after a disaster. The plat sites are in law-lying, highdensity settlements on the outskirts of the city of Retermonitatiourg, and in he rural areas of Vulindiela (Khokhwane, kwaMncane, ma§wazini cov parts of wards 7, 8 and 39 of Msunduzi Municipality), Swayimane (Ward 8 of Mihwathi Municipality) and Nhlazuka (Ward 5 of Richmond Municipality

The threat of these changes will be felt differently in different communities but the poor and disadvantaged will be hardest hit as they are not able to adapt as easily to life in a more turbulent climate. One way in which communities can respond to alimate change is through "Adaptation

ADAPTATION means anticipating the negative impacts of climate change and taking action to prevent or minimise the damage they can cause, or taking advantage of opportunities that may arise. It has been shown that well planned, safy adaption action sover money and lives later



#### ADAPTING THROUGH AN INTEGRATED APPROACH

ope with the effects of changing weather patterns. These can include 1. Climate-smart agriculture; these are methods that help formers to naintain production and food security in spite of changes in temperature

and rainfall. 2. Restation of ecological introductive: healthy ecosystems give poor communities many "free" services like clean water, they help put the brokes on flood water, and give grazing for livestock. Investing in restoring ecosystems is on investment in poor communities.

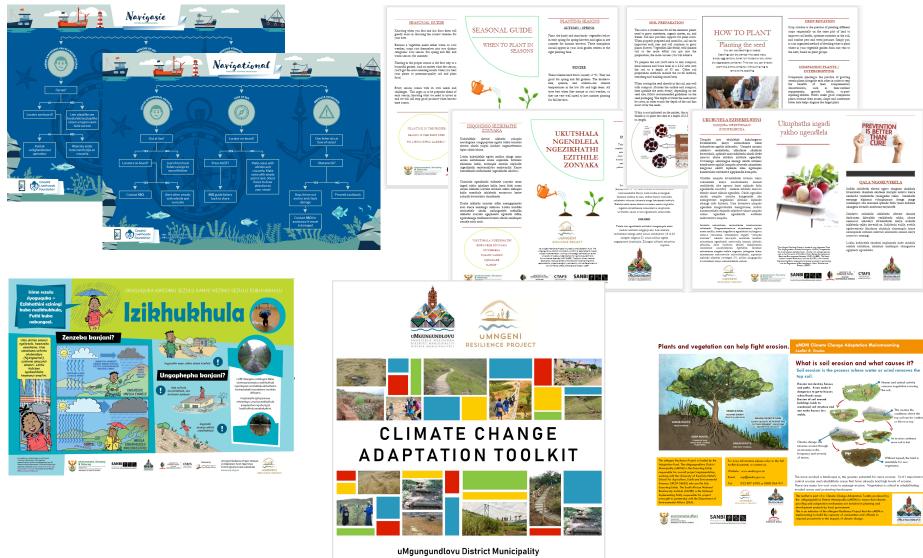
3. Early warning systems; these can help warn communities about ods, storms and droughts, and advise or

#### WHAT IS CLIMATE CHANGE?

The weather of an area normally changes from day to day and The second of a first forms of length of the second by the this long-term pattern, it is called climate change



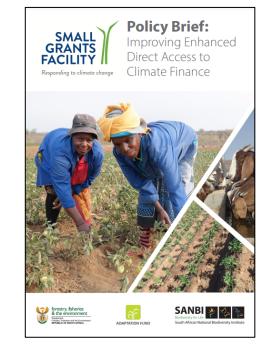
### Technical and local language tools



uMngeni Resilience Project

### Case studies and policy briefs





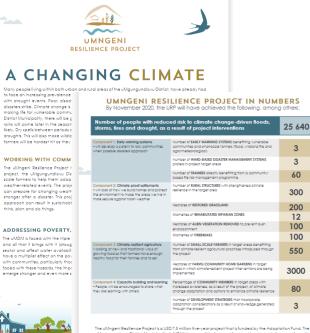








# Infographics



ul/gungundiovu District Municipality (uMDM) is responsible for overall project inplementation, working with strategic partners such as the University of KwaZulu-Natal's School for Agriculture, Earth and Environmental Sciences (UKZN SAEES). The South African National Biodiversity Institute (SANBI) is the National Implementing Entity responsible for project oversight in partnership with the Department of Environmental Affairs (DEA).

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act: 033 897 6700 or URP@umdm.gov.za



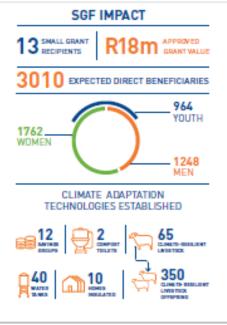


Biodiversity and Redmeat Cooperative's Land & Livestock Adaptation ina Alive in partnership with Biodiversity en Rooivleis Kooperatief (BRK)



Ga-Ntata Rainwater Harvesting System and Rain Gauge: Tsogang Water and Sanitation, in partnership with DMW Limpopo (Pty) Ltd





### Newsletters

Sent to a mailing list a few times per year, electronic and in hard copy







### eNews and media articles

Community Adaptation Small Grants Facility project concludes with a proposal to establish a 'Locally Led Adaptation Grant Facility' in South Africa

By Mpfunzeni Tshindane (SANBI)

Date: 31 January 2022

The <u>Community Adaptation Small Grants Facility</u> project, which was funded by the Adaptation Fund, has concluded with the development of a 'Blueprint' for the establishment of a 'Locally Led Adaptation Grant Facility' in South Africa.

The project supported twelve community-based organisations to conceptualise and implement locally led



SANBI Biodiversity for Life

#### Update on SANBI's Green Climate Fund Project Development Process

Author: Mpfunzeni Tshindane and Murendeni Nevari

Date: 09 April 2021

The South African National Biodiversity Institute (SANBI) is excited to provide a progress update on the development of a portfolio of climate change adaptation projects through its accreditation with the Green Climate Fund (GCF).

The GCF is a global Fund that was established under the UNFCCC (United Nations Framework Convention on Climate Change) to support the implementation of the Paris Agreement in developing countries. The GCF makes use of Accredited Entities to develop funding proposals and oversee, supervise, manage and monitor approved projects and programmes. SANBI is one of the <u>GCF's accredited entities in South Africa</u>.

Following SANBI's accreditation in 2016, an extensive <u>project identification and development</u> <u>process</u> was undertaken working closely with the national Department of Forestry, Fisheries and the Environment (DFFE). This process led to an emerging portfolio of seven potential GCF projects for implementation in South Africa. The projects are currently at different stages of development.

To date, SANBI has submitted and received GCF feedback on a total of three first stage Concept Note project proposals. SANBI is engaging with project partners to address comments before resubmitting the Concept Notes and subsequently moving into full proposal development after approval by the Fund.

#### WOMEN IN CLIMATE CHANGE CONTRIBUTES TO SUSTAINABLE DEVELOPMENT



ANIMAL OF THE WEEK
MEDIA STATEMENTS
CAPE E-NEWS
SCIENCE
NEWS
SKEP E-NEWS
SPEECHES

0/2022

e Change is a current lived reality for many communities around the work, in Africa and South Africa alke we all seen, heard, read or even experienced the impact of Climate Change, especially as reporting on a change events have gained prominence in the mainstream media and on social media platforms, ps in weather patterns including severe drought, floods, increased temperatures and frequent fires is a consequence of climate change. The more recent example is the devastating floods that took place in ulu Natal, Eastern Cape and North West provinces this year, which will take the people, households, unities and load economies in these areas verses to rebuild.

re grapping with finding effective and efficient approaches to mitigate and adapt to climate change, a strong movement growing internationally and nationally to 'put women in their place' - next to their parts. In seats at the decision making table, policy making table, planning table, budgeting table, ating and leading implementation, and so forth, at all levels, in all sectors and in all spheres of society. If to effectively address the Climate Change crisis, the participation of women at all levels of society and



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**Mail**Guardian

UNIVERSITY OF THE TIME TO THE WITWATERSRAND

#### OPINION

Sanbi projects help rural women manage the impacts of climate change

Marilyn Martin Mandy Barnett 12 Aug 2022

Hard copies at places and spaces:

- Banners at offices and events
- Printed material especially NB for community level
- Book contributions e.g. Anniversary books

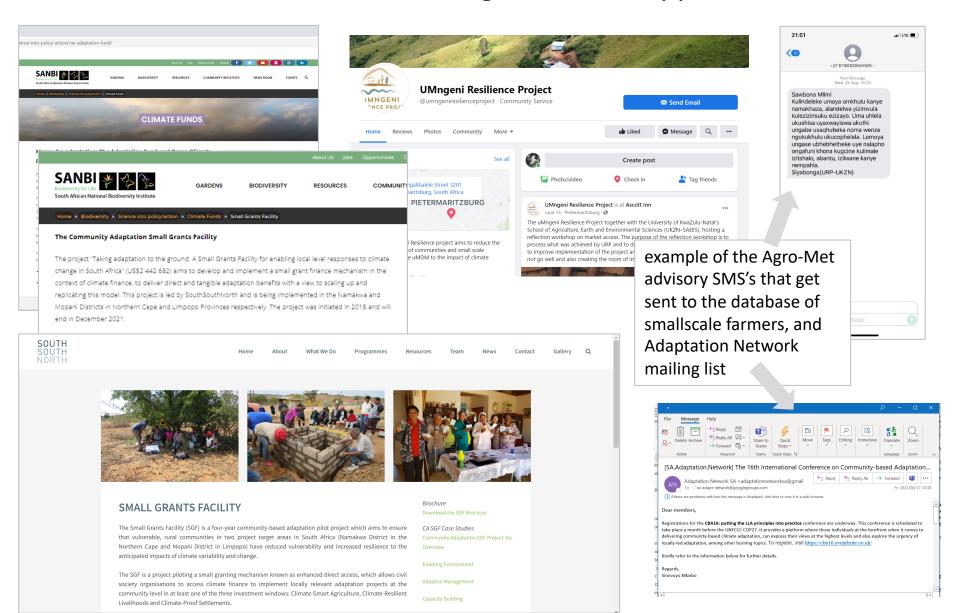
Electronic media:

- Websites facebook, twitter etc, enews articles
- Whatsapp groups for local level connections and communication, distribution of EWS
- Mailing lists enews, project engagements and job opportunities



### **Electronic distribution:**

#### Facebook, websites, mailing lists, whatsapp, twitter....





South African National Biodiversity Institute

# Thank you