

6 PROJECTS AT A GLANCE

Project Sheet for SWITCH Africa Green Programme

SOUTH AFRICA



WHERE WE ARE IN AFRICA

The overall objective of SWITCH Africa Green is to support 6 countries in Africa to achieve sustainable development by engaging in transition towards an inclusive green economy.

COUNTRY PROJECTS

- UGANDA**
- Upscaling Generation, Commercialization and Utilization of Biomass Waste-based Green Energy Sources in Uganda
 - Demand-side Management of Water Use in Micro, Small, Medium-sized Enterprises in Uganda Through Promotion of Water Use Efficiency Techniques and Practices
 - Demand-side Management of Energy Use in Micro, Small and Medium Enterprises (MSMEs) in Uganda Through Promotion of Energy Efficiency Techniques and Practices
 - Eco-agriculture-sesame Livelihoods and Organic-green Business Opportunities for Young Rural People
 - Promoting Inclusive Green Business Practices in the Tourism Sector
 - Promoting Sustainable Product Innovation and Energy Efficient Practices Among Small Scale Industries in Uganda

- KENYA**
- Greening SMEs Leather Clusters and Leather Tanning Industry
 - Enhancing Sustainable Tourism Innovation for Community Empowerment in Kenya
 - Up-Scaling Sustainable Commercial Production Of Medicinal Plants by Community-Based Conservation Groups at Kakamega Forest in Kenya
 - Capacity Enhancement for Green Business Development and Eco-Entrepreneurship in Agricultural Sector

- MAURITIUS**
- Greening the Mauritian Tourism Industry
 - A Model for Sustainable Production and Consumption Practices and Eco-entrepreneurship Development
 - Increase Capacity Building of The Fisher's Community of Rodrigues Through Training for The Bio Cultivation of the Combaia Lime Plants and Its Chili Paste
 - Promoting Sustainable Local Agriculture Through Green Retail and Green Hospitality (Sus-Agr)
 - National Energy Efficiency Program - PNEE
 - Developing Capacity Amongst Rodriguans to Adopt Green Businesses Through Training To Key Stakeholders and the Development of a Green Business Guidebook

- SOUTH AFRICA**
- Awareness Creation and Capacity Building on Eco Labeling for the Agricultural Sector
 - Meat Naturally Initiative: Embedding Sustainability in South Africa's Emerging Red Meat Sector
 - Collaborating to Facilitate Investments And Shifts To A Green Economy that Can Improve Social Wellbeing and the Provision of Ecosystems Services in the Port Elizabeth Western Catchment Areas
 - Sustainable Production And Commercialization Strategies in The Agrifood Sector In South Africa
 - Management of Sustainable Energy Production from Integrated Waste Management and Agricultural Processing Systems
 - Promoting SCP in South African Agricultural Value Chains

- GHANA**
- Hanisa E-Waste Model (Hemod)
 - Implementing Industrial Symbiosis and Environmental Management Systems for SMEs in Three Regions in Ghana
 - Promotion of Biogas Technologies
 - One-Stop Business And Policy Centre For The Establishment of Eco Innovative MSMEs and Supporting Policies in the E-Waste and End-Of-Life
 - Improved Institutional Biomass Cook Stoves and Ovens for Small and Medium Scale Agro-Processing Industries in Ghana (Renewable Energy Project)

- BURKINA FASO**
- Croupe De Recherche Et D'analyse Appliquées Pour Le Développement
 - Valorisation Des Déchets De La Filière Anacarde Comme Une Source D'énergie Renouvelable Pour Les Pmes Au Burkina Faso (Cashew As A Source Of Renewable Energy For Smes in Burkina Faso)
 - Enabling Burkina Smes To Start Solar Energy Production
 - Transformation Des Déchets Menagers En Fertiliz Agricole (Transformation of Household Wastes into Fertilizer)

MULTI COUNTRY

- Enhancing Resource Productivity And Environmental Performance Of MSmes In 6 African Countries Through The Concept Of Industrial Symbiosis (Is)
- Empowering Business Development Agencies & Nsas To Advocate Sustainable Consumption & Production Practices And Support Eco-Entrepreneurs in Their Development & Transition Towards Green Inclusive Businesses
- Promoting Eco-entrepreneurship In Africa

PRIORITY SECTORS

- MANUFACTURING**
- INTEGRATED WASTE MANAGEMENT**
- TOURISM**
- AGRICULTURE**

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AWARENESS CREATION AND CAPACITY BUILDING ON ECO-LABELLING FOR THE AGRICULTURAL SECTOR

BACKGROUND

One of Africa's key strategies, as identified in the 10-YFP on SCP and the 10-YFP roadmap on SCP, is to promote a shift towards SCP through Eco labelling. While Eco labelling is so important a tool for promoting SCP, the capacity on Eco labelling is low amongst Proudly SA's/stakeholders and in South Africa generally.

There is therefore, a need to promote capacity for Eco-labelling in South Africa, to equip producers with the capacity to ingrain green efforts, in readiness for the shift in consumer needs/demand for Eco labelled products. Proudly South African will largely promote Ecolabelled products within South Africa, Africa and internationally.

OBJECTIVES

The objective of the project is to build capacity to ensure policy support for Eco labelling, equip producers/service providers with relevant skills for effective implementation of Eco labelling practices and establish an effective marketing strategy for ensuring efforts are rewarded through successful market access for eco-labelled products. The aim of the project is to contribute to promotion of green economic activities in South Africa by enhancing capacity for eco labelling in South Africa and establishing a system for promoting market access for eco-labelled products with a focus in agriculture and agro processing sector.

ACTIONS

- » Establish the level of awareness and application of SCP practices and patterns with a special focus on Eco-labelling, Life Cycle Analysis (LCA) and cleaner production in South Africa.
- » Create awareness on sustainability standards, Ecolabelling, LCA and cleaner production approaches.
- » Evaluate gaps in sustainability standards and ecolabelling practices in South Africa.
- » Adapt or adopt priority agriculture/agro-products sustainability standards for eco-labelling in South Africa.
- » Train experts to create a pool of experts for providing eco-labelling services in South Africa.
- » Pilot eco-labelling in at least 3 sites.
- » Develop a market promotion policy/strategy to promote market access for South Africa's eco labelled agro-products.

PROUDLY SOUTH AFRICAN (PROUDLY SA)

LOCATION:

South Africa

Budget



\$210,000.00

Timeline



24 Months

SOUTH AFRICA

MEAT NATURALLY INITIATIVE: EMBEDDING SUSTAINABILITY IN SOUTH AFRICA'S EMERGING RED MEAT SECTOR

BACKGROUND

South Africa contains some of the most biologically rich range lands in the world, and a full 70% of the country is able to be used for sustainable grazing. South Africa's rangelands are also home to 76% of the poorest people in the country, many of whom are dependent on livestock-based livelihoods. In fact, 50% of the country's total livestock are owned by subsistence or emerging (farmers who are starting to sell commercial markets) farmers. Increasingly, these farmers are women who have inherited herds. The project seeks to tip corporate and government policies to support social equity and environmentally sustainable management of communal rangelands by addressing implementation (landscape demonstrations), sustainability (industry and market engagement), and amplification (informing national policy and programmes) as part of a single green economic development project.

OBJECTIVES

The project will support 5 farming groups to formalise their efforts towards conservation and restoration of more than 100,000 hectares of critical, communal rangelands restored and under improved livestock management. With secure co-finance from the National Department of Environmental Affairs, CSA will involve at least 450 male and female participating farmers and, employ at least 150 unemployed but motivated individuals in new roles as environmentally trained livestock managers or "eco-rangers". Throughout the project the eco-rangers and local farmers will be supported to understand, implement, and verify good grazing practices to provide the traceability that will lead to better business deals

ACTIONS

- » Building market readiness for traceable sustainable red meat production in climate vulnerable communal rangelands in South Africa;
- » Engaging market players and consumers to support traceable, sustainable livestock production from communal farmers through sourcing policies, pricing, and marketing;
- » Promoting national policies and programmes that can enable sustainable, pro-poor red meat value-chains.
- » Compilation and dissemination of results on national workshops to recognize MSMEs that will have excelled in adopting energy efficient measures.

KHUSEL'INDALO SOUTH AFRICA (CONSERVATION SOUTH AFRICA)

LOCATION:

South Africa: Namaqualand, (Northern Cape), Mzimvubu (Eastern Cape), Kruger Buffer (Mpumalanga Provinces)

Budget



\$250,000.00

Timeline



30 Months

COLLABORATING TO FACILITATE INVESTMENTS AND SHIFTS TO A GREEN ECONOMY THAT CAN IMPROVE SOCIAL WELLBEING AND THE PROVISION OF ECOSYSTEMS SERVICES IN THE PORT ELIZABETH WESTERN CATCHMENT AREAS.

BACKGROUND

The Port Elizabeth City and its western catchment areas are experiencing considerable environmental, economic and social challenges which are threatening its potential to continue growing. These include energy and water supply constraints that undermine the city's potential to grow. Considerable environmental degradation due to poor farming practices, transformation of wetlands and rivers and the spread of invasive alien plants has had a considerable negative effect on the hydrology of the river systems that is threatening the water security of the water users. The disadvantaged groups in this area need considerable support and business mentoring in order to succeed and find and make use of the new green economic opportunities that exist or are beginning to emerge.

LIVING LANDS

PARTNER:

Four Returns Development Company

LOCATION:

South Africa; Eastern Cape Province; Kouga, Kromme and Baviaanskloof catchments; KouKamma and Baviaans Local Municipalities, Nelson Mandela Bay Metropolitan Municipality, Kareedouw & Joubertina towns and the city of Port Elizabeth

Budget



\$250,000.00

Timeline



30 Months

OBJECTIVES

The project proposes to bring a wide variety of people in the Kouga and Krom catchments together to address the sustainable development challenges on the landscape and effect a shift to SCP and eco-entrepreneurship practices. Using the collaborative social learning approach, the action aims to achieve the following social outcomes:

a) Collective will and ability to collaborate is created, b) Collaborative landscape organization is established and ready to implement, c) Emergent farmers are involved and business partnerships, d) Detailed spatial landscape plans and marketable business plans for sustainable agriculture, restoration and value added chain/interventions developed and adopted and e) Investors are lined up and ready to invest.

ACTIONS

- » Engaging with stakeholders and facilitating understanding and constructive communication and collaborations between them.
- » Investigating socio-economic needs and constraints, business opportunities on the landscape.
- » Mobilising and securing partnerships with external business investors and government partners. Piloting green business ventures on the landscape by the creation of a landscape collaborative platform (legal entity) to focus on the implementation of projects that address collective/common needs and require multi-stakeholder collaboration to achieve the economies of scale needed to make the green ventures sustainable.
- » Engaging with farmers and entrepreneurs from poor and historically disadvantaged backgrounds involved in small and medium sized agricultural and service businesses/ ventures on the landscape to mentor and capacitate them to shift to more sustainable green business options and make effective use of the new opportunities that become available.

SOUTH AFRICA

SUSTAINABLE PRODUCTION AND COMMERCIALIZATION STRATEGIES IN THE AGRIFOOD SECTOR IN SOUTH AFRICA

BACKGROUND

Declining farming profitability and water scarcity (drought, declining rainfall or overdemand of water) has left South Africa with less than two-thirds of the number of farms it had decades ago. Agriculture is a key water consumer in South Africa, with about 62% of the country's surface water being used for irrigation. Furthermore, soil erosion and degradation of agricultural land through overexploitation and inappropriate and unsustainable farming methods pose a threat to the country's food security. About 80% of the land area of South Africa is used for agriculture, but only approximately 11% of the total area is arable.

Additionally, the rate of land degradation is high, estimated at 70% with potential negative implications for food production. A recent estimate of climate change effects on water resources suggest that South Africa may experience a reduction of 10 % in average rainfall reducing surface water runoff up to 50-75% by 2025

OBJECTIVES

The action aims to implement SCP practices and green certification schemes in agri-food small entities of SA. The project aims to develop more sustainable consumption and production patterns in the agricultural sector in South Africa by engaging in transition towards a green economy, promoting resource and energy efficiency. The project will focus mainly on the agrifood small holders sector due to their economic importance and potential for improvement in environmental, social and economic issues. Likewise, a number of market and non-market based mechanism shall be used to provide incentives to invest in sustainable practices for farmers and to go beyond short term survival strategies. The project will work with 30 small farmers in Limpopo on managing natural resources and irrigation and strengthening environmental efficiency.

ACTIONS

- » Development procedures and capacity building in clean production, by providing training in sustainable irrigation and resources management among agri-food entities.
- » Sensitisation and capacitation of at least 30 small farms to in the sustainable and efficient use of resources.
- » Development of Green Certification Schemes and build capacity for uptake of sustainable practices.
- » Development of communication plan to reach potential green products' consumers.
- » Replication and dissemination activities in the agri-food sector. Engagement of policy makers.

FUNDACION SUSTALDE

LOCATION:
South Africa

Budget



\$248,033.00

Timeline



30 Months

MANAGEMENT OF SUSTAINABLE ENERGY PRODUCTION FROM INTEGRATED WASTE MANAGEMENT AND AGRICULTURAL PROCESSING SYSTEMS

BACKGROUND

Many MSMEs lack awareness of sustainable agricultural value/ supply chains and how agricultural waste to energy systems can assist in SCP practices. The sector is facing unprecedented resource pressures. The agricultural production is envisioned to be clean powered by renewable energy and energy efficient systems. This information is vital in reducing costs and improving output yields and adhering to relevant policies that are in place within South Africa.

Both REEEP and SANEDI will work together in facilitating energy research, energy stakeholder collaboration and dissemination of national and international renewable energy knowledge that assist in contributing to a green economy.

REEEP (RENEWABLE ENERGY AND ENERGY EFFICIENCY PARTNERSHIP)

PARTNER:

SANEDI (South African National Energy Development Institute)

LOCATION:

South Africa

Budget



\$250,000.00

Timeline



24 Months

OBJECTIVES

The overall objective of this intervention is to support South African MSMEs and ecoentrepreneurs in the agricultural and waste management sectors by achieving sustainable development by assisting the transition towards an inclusive green economy and SCP patterns and practices.

ACTIONS

- » Assessment & benchmarking of the agriculture business environment in waste and energy with a focus on capacity building needs, building on current inventories
- » Initial review of current sources of private investment (domestic & foreign) that influence the National and local economy, including green investment opportunities in agriculture, waste and energy
- » Develop/ build on a current inventory of existing policy, regulation, standards, instruments/technology and Best Practice reference tools, & practices
- » Develop preliminary recommendation on the key policies, economic and fiscal instruments and capacity building measured necessary to enable investment into reshaping agricultural practices to incorporate waste to energy and sustainable supply chains toward sustainable business practices
- » Stakeholder engagement ,Capacity Building, Training and Networking

PROMOTING SCP IN SOUTH AFRICAN AGRICULTURAL VALUE CHAINS

BACKGROUND

Fairtrade is the world's leading ethical and sustainable certification system for agriculture, benefitting farming communities and MSMEs. The Fairtrade model directly and indirectly contributes to inclusive and green economic growth leading to decent work, poverty reduction and - in the South African context - addressing the legacies of apartheid including persistent social inequality and economic exclusion.

The action will promote environmentally and socially responsible consumption and production as a means to generate green and inclusive economic growth, create decent working conditions, encourage sustainable agriculture and trade and ultimately reduce poverty in Africa.

OBJECTIVES

The overall goal of this action is to champion a crosssectoral Sustainable Consumption and Production (SCP) model in South African agriculture through Fairtrade by investing in policy advocacy, public and private consumer education, and the creation of new Fairtrade certified value chains. An existing partnership with other eco/social labels, known as Power of You (POY), will be strengthened to promote sustainable lifestyles more broadly. The action emphasises the pivotal role of education and lobbying in influencing key decisionmaking actors and recognises market and consumer demand as a necessary prerequisite, or incentive, for the growth of sustainable production. The action's primary focus is on agricultural value chains in South Africa with linkages to other sectors and the African region more generally are key elements of implementation.

ACTIONS

- » Strengthen the capacity of public institutions to develop SCP in the South African agriculture sector.
- » Educate public and private consumers about sustainable agricultural practices and, through partnership with other eco/social labels, promote sustainable lifestyles more broadly.
- » Improve accessibility to Fairtrade certification for Micro, Small and Medium Sized Enterprises (MSMEs).
- » Transfer knowledge and models regionally and globally.

FAIRTRADE LABEL SOUTH AFRICA (FLSA)

PARTNER:

Power of You Partnership (POY)

LOCATION:

South Africa

Budget



\$250,000.00

Timeline



30 Months



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Key Contact

Mr. Wakhile Mkhonza
National Coordinator, SWITCH Africa Green Project
United Nations Development Programme
UN House Level 10, Metro Park Building
351 Francis Baard Street
PO Box 6541, Pretoria
South Africa
Email: wakhilem@gmail.com