



Report on the SWITCH Africa Green Programme Survey

Programme survey carried out in Burkina Faso, Ghana, Kenya, Mauritius, South Africa and Uganda



14 MAY – 22 June 2018

Table of Contents

1. Introduction	3
2. Survey Objectives.....	7
3. Survey Format.....	7
4. Participants.....	8
4.1. Uganda	8
4.2. South Africa.....	9
4.3. Mauritius.....	10
4.4. Burkina Faso.....	11
4.5. Ghana.....	12
4.6. Kenya.....	13
5. Issues raised and addressed during the meetings:	14
6. Conclusion and way forward.....	15
7. Final data collected	15

Introduction

Implementation of the first phase of Switch Africa Green Project started in March 2014 with grants totaling USD 11,572,369.85 awarded to 34 successful applicants in the six countries of Uganda, Kenya, South Africa, Mauritius, Burkina Faso and Ghana. The grantees were selected to implement activities in the project priority areas namely: agriculture, manufacturing, integrated waste management, and tourism, and cross cutting themes in energy efficiency, labelling and standards, water efficiency, eco-innovation and sustainable trade. The table below shows the grant projects in the 6 participating countries.

SWITCH Africa Green Projects 2014-2019		
	Applicant Name	Title of the Proposal
Kenya	COMESA, Leather and Leather Product Institute	Greening SMEs leather Clusters and the Leather Sector in Kenya
	Collaborating Center on Sustainable Production (CCSP) gGmbH	Enhancing Sustainable Tourism Innovation for Community Empowerment in Kenya
	International Center of Insect Physiology (ICIPE)	Upscaling Sustainable Production of medicinal plants by a community-based conservation group at Kakamega forest in Kenya
	Kenya Private sector Alliance (KEPSA)	Capacity enhancement for green business development and eco-entrepreneurship in tourism and agricultural sectors
Ghana	Association of Ghana Industries (AGI)	Improved Institutional Biomass Cookstoves and ovens for small and medium scale Agro-processing Industries in Ghana (Renewal Energy Project)
	Environmental Protection Agency (EPA)	Ghana E-Waste Model (GEMOD)
	Ghana National Cleaner Production Centre (GNCPC)	Installation of biogas digesters in hotels and public toilets

	Kumasi Chamber of Commerce & Industry, Ghana (KCC&I)	Implementing Industrial Symbiosis and Introduction of Environmental Management System to SMEs in Three Regions in Ghana
	University of Cape Coast (UCC)	One-Stop Business and Policy Center for the establishment of Eco-innovative MSMEs and supporting policies in the e-waste and end-of-life vehicles sector (EcoBPC)
Uganda	AfriBanana Products Limited	Up-scaling Generation, Commercialization and Utilization of Banana Peels and Sugar Cane Waste-based Biogas and Charcoal Briquettes Energy Sources in Uganda and Kenya
	Directorate of Water Resources (DWRM)	Demand-side Management of water use in Micro and Small and Medium sized Enterprises (MSMEs) in Uganda through promotion of water use efficiency techniques and practices
	Ministry of Trade, Industry and Cooperatives (MTIC)	Demand-side Management of Energy use in Micro and Small and Medium sized Enterprises (MSMEs) in Uganda through promotion of energy efficiency techniques and practices
	Plan Foundation International (PFI) Espana	Eco-Agriculture–Sesame Livelihoods and organic-green business Opportunities For Young Rural people
	SNV Netherlands development Organization	Promoting inclusive and green business practices in tourism sector
	Uganda Small Scale Industries Association (USSIA)	Promoting sustainable product innovation and energy efficient practices among small scale industries in Uganda
	Burkina Faso	Stitching Woord en Daad
Foundation 2iE		Valorisation des dechets de la filiere anacarde comme une source d' energie renouvelable pour les PME au Burkina Faso (Waste recovery- cashew as a source of renewable energy)
GRAAD - Burkina		NEERE (Pretty and Clean)

	Association Jeunesse soldaire pour la Development Veritable (AJSDV)	Transformation des dechets menagers en fertiliz agricole (Transformation of household wastes into fertilizer)
Mauritius	University of Mauritius	Promoting Sustainable Local Agriculture through Green Retail and Green Hospitality
	Joint Economic Council	Program National d'Efficacite Energetique- PNEE
	Centre de Formation Agricole Frere Remi	Centre de Formation Agricole Frere: A Model for Sustainable production and consumption practices and Eco-Entrepreneurship development
	The Commission of Fisheries	Increase capacity building of Fisher's community of Rodrigues through training for the biocultivation of Gombava lime plants and the production of chili paste
	Association des Hotels de Charme	Greening the Mauritian Tourism Industry
	Commission of Environment	Developing capacity amongst Rodriguan to adopt green businesses through training to key stakeholders and the development of a green business guidebook.
South Africa	Khusel'indalo South Africa (Conservation South Africa)	Meat naturally Initiative: Embedding sustainability in South Africa's emerging red meat sector
	Living Lands	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
	Proudly South African (PSA)	Awareness creation and capacity building for ecolabelling in Agriculture, Agro porcessing, manufacturing and integrated waste management in South Africa
	Fundacion Sustalde	Sustainable Production and Commercialization Strategies in the Agri-Food Sector in South Africa

Multi-country Projects	REEEP (Renewable Energy and Energy Efficiency Partnership)	Management of Sustainable Energy Production from Intergrated Waste Management and Agri-Processing System
	Fairtrade label-South Africa	Promoting SCP in South African Agricultural Value Chain
	EMPRETEC Mauritius	Empowering Business Development Agencies and NSAs to advocate Sustainable Consumption and Production practices and Support Eco-Entrepreneurs in their development and transition towards green inclusive businesses
	African Roundtable on Sustainable Consumption and Production (ARSCP)	Enhancing resource productivity and environmental performance of MSMEs in 6 African Countries through the concept of Industrial Symbiosis (IS)-Industrial Symbiosis in Africa
	SEED Hosted at Adelphi Research gemeneinnutzige GmbH	Promoting Eco-Enterprises in Africa (Burkina Faso, Ghana, Kenya, Mauritius, South Africa and Uganda)

Through the grants, about 3000 Micro Small and Medium Enterprises (MSMEs) have been supported in the uptake of Sustainable Consumption and Production (SCP) practices across the four priority sectors. Technical monitoring was carried out in the 6 countries to follow the implementation of green business development component. Findings indicate that, in most cases, more sustainable consumption and production has led to increased incomes, cost savings, job creation, improved time efficiency, improved health and increased productivity.

As the first phase of the Switch Africa Green project ends in February 2019, a project survey was carried out in 2018 to collect relevant data from the project beneficiaries in Burkina Faso, Ghana, Kenya, Mauritius, South Africa, and Uganda. This was done through questionnaires that were developed based on the results from the project grantees, beneficiaries and the results of the technical monitoring visits.

The survey targeted 30 per cent of the project beneficiaries or about 1000 respondents in total, and all the 34 grantees. The project survey involved holding 6 national workshops during which grantees and MSMEs were briefed on the questionnaires and which they filled for their respective projects. This exercise provided a single platform where all the challenges and queries from the beneficiaries were addressed by the project managers. It also eliminated the long

distances the facilitators would have had to travel to collect the data. The national workshops were followed by field visits to selected MSMEs to verify the data collected.

1. Survey Objectives

The main objective was to establish how the micro, small and medium enterprises have greened their businesses as a result of the different project interventions namely: uptake of Sustainable Consumption and Production (SCP) and green business practices in agriculture, manufacturing, waste management and tourism sectors. Specific objectives included:

1. Discussion on the success, challenges and opportunities for green business development in the respective countries.
2. Discussion on the networks and sustainability measures put in place by the beneficiaries and the project to ensure MSMEs continue to reap benefits from the project after its closure.
3. Collection of data from at least 30 per cent of project beneficiaries through questionnaires to individual enterprise respondents, grantees as well as group or cluster focused respondents.
4. Verifying that the data collected is a true representation of what has taken place in the 6 countries through field visits.

The data from the questionnaires will be analysed, synthesized and published in various reports, policy briefs, brochures, infographics and monograms.

2. Survey Format

The project survey was carried out in two parts: (i) a 2-day national workshop during which the participants discussed project implementation progress and completed the project survey questionnaires after a briefing by project managers and (ii) field visits to selected MSMEs to verify the data collected. The dates of the survey in the participating countries were as follows:

- **Uganda:** 14 - 18 May 2018
- **South Africa:** 21 - 25 May 2018
- **Mauritius:** 28 May - 01 June 2018
- **Burkina Faso:** 04 - 08 June 2018
- **Ghana:** 11 - 15 June 2018
- **Kenya:** 18 - 22 June 2018

3. Participants

The participants were members of the National Technical Coordination Committees, the project grantees, and MSMEs as the final beneficiaries of the project. Specifically, each grantee attended with at least 30 per cent of their beneficiary MSMEs.

Summary table on the questionnaires expected per country

Country	Dates	Name of hotel	Number of participants	Questionnaires filled during the workshop	Expected total questionnaires
Uganda	14 - 18 May 2018	Hotel Africana Ltd	121	26	110
South Africa	21 - 25 May 2018	Southern Sun	42	9	95
Mauritius-Port Louis	28 May - 01 June 2018	Intercontinental Mauritius R	54	5	206
Mauritius- Rodrigues	28 May - 01 June 2018	Ter Mer Rodrigues	105	35	
Burkina Faso	04 - 08 June 2018	Ramada Hotel	200	15	75
Ghana	11 - 15 June 2018	Fiesta Royale Accra Ghana	139	45	108
Kenya	18 - 22 June 2018	Laico Regency	95	45	65

4.1. Uganda

The meeting in Uganda was convened at Hotel Africana, Kampala on 14 - 16 May 2018 and chaired by Ms. Evelyne Lutalo, Switch Africa Green national focal person from the National Environment Management Authority (NEMA). The meeting convened approximately 121 participants including National Technical Coordination Committee (NTCC) members, all the 7 grantees and partners that included Afribanana Limited and project partner Centre for Research in Energy and Energy Conservation (CREEC), Uganda Small Scale Industries Association (USSIA), Uganda Cleaner Production Centre (UCPC), B-space Uganda (partner to SNV Netherlands), Plan International, National Organic Agricultural Movement of Uganda (NOGAMU), Ministry of Trade Industry and cooperatives Uganda (MTIC), Directorate of Water Resources Management (DWRM) and 30 per cent of the beneficiary enterprises (MSMEs). Field visits in Uganda were carried out in Jinja (MTIC, UCPC and DWRM Beneficiaries), Kampala (Afribanana, UCPC, MTIC and DWRM beneficiaries) and in Entebbe (Afribanana beneficiaries).



SWITCH Africa Green beneficiaries at their farm in Lira, Uganda (Pic: Switch Africa Green)

4.2. South Africa

The meeting in South Africa was convened at Southern Sun, Pretoria hotel from the 21 – 22 May 2018 and was opened by Dr. Jenitha Badul, Senior Policy Advisor, Greening Programmes & Fund, DEA, and Switch Africa Green national focal person. The meeting brought together approximately 42 participants including NTCC members, grantees and partners such as Conservation South Africa (CSA), Proudly South Africa (PSA), Fundacion Sustalde, National Cleaner Production Center - South Africa (NCPC-SA), SEED, Council for Scientific and Industrial Research (CSIR), and Living Lands; and 30 per cent of the beneficiary enterprises (MSMEs). Field visits in South Africa were carried out in Johannesburg (NCPC-SA beneficiaries), Polokwane (Fundacion Sustalde beneficiaries), Hodespruit (CSA beneficiaries) and rural Free State (REEEP beneficiaries).



A beneficiary of (the grantee) the Switch Africa Green programme from South Africa at work (Pic: Switch Africa Green)

4.3. Mauritius

The meeting in Mauritius was split in two parts; the first session was held in Port Louis on 28 May 2018 which convened approximately 54 participants including NTCC members, 3 grantees and partners including the University of Mauritius, Association des Hotels de Charme (AHC), Business Mauritius, and Department of solid waste and about 30 per cent of the beneficiary MSMEs. The second part was held in Rodrigues on 31 May 2018 at Ter Mer Rodrigues. The meeting brought together approximately 105 participants including 3 grantees and partners including Centre de Formation Agricole Frere Remi, The Commission of Fisheries and Commission of Environment; and 30 per cent of the beneficiary MSMEs. Field visits in Mauritius were carried out in and around Port Louis as well as the airport environs (Business Mauritius, Department of solid waste and AHC beneficiaries). Field visits in Rodrigues were carried out for Frere Remi beneficiaries and Commission of Environment beneficiaries.



SWITCH Africa Green stakeholders at a previous workshop in Rodriguez, Mauritius (Pic: Switch Africa Green)

4.4. Burkina Faso

The meeting in Burkina Faso was held back to back with the Switch Africa Green national networking forum 4 -5 June 2018. The survey meeting was convened at Ramada hotel on 6 June 2018 and was opened by Mr. Lamine OUEDRAOGO, Director General of Green Economy and Climate Change, the Switch Africa Green national focal person, and Ministry of Environment, Green Economy and Climate change (MEEVCC). The meeting brought together approximately 200 participants including NTCC members, all the 5 grantees and partners who included Stitching Woord en Daad, Foundation 2iE, GRAAD – Burkina, Association Jeunesse soldaire pour la Development Veritable (AJSDV), Christian Relief and Development Organization (CREDO) and 30 per cent of the beneficiary enterprises (MSMEs). Field visits in Burkina Faso were carried out in Koudougou (GRAAD Beneficiaries), Ouahigouya (AJSDV beneficiaries) and Ouagadougou (WEP beneficiaries).



SWITCH Africa Green beneficiaries from Bobo-Dioulasso in Burkina Faso. (Pic: Switch Africa Green)

4.5. Ghana

The meeting in Ghana was convened at Fiesta Royale hotel, Accra on 11-12 June 2018 and was officially opened by Mr Peter Dery, Deputy Director, Ministry of Environment, Science, Technology and Innovation (MESTI) the Chair of the National Technical Coordination Committee (NTCC). The meeting brought together approximately 140 participants including NTCC members, all the grantees and partners including the Association of Ghana Industries (AGI), Environmental Protection Agency (EPA), Ghana National Cleaner Production Centre (GNCPC), University of Cape Coast (UCC), Ghana National Cleaner production Centre (GNCPC), and 30 per cent of the beneficiary MSMEs. Field visits in Ghana were carried out in Adaklu (AGI beneficiaries), Tema (GNCPC beneficiaries), and Accra (SEED beneficiaries).



A beneficiary of SWITCH Africa programme in Ghana with products made from recycled waste (Pic: Switch Africa green)

4.6. Kenya

The meeting in Kenya was held in collaboration with the EU Delegation to Kenya and included the launch of grants in phase II of the SWITCH Africa Green programme. In addition to creating synergies between projects from phase I and phase II, this provided a good opportunity for networking between the Switch Africa Green beneficiaries in Kenya. The meeting was officiated by Dr Lucy Ng'ang'a from the Kenya Ministry of Agriculture and irrigation with a speech by Dr. Juliette Biao Koudenoukpo, Director and Regional Representative, Africa Office of the United Nations Environment Programme, and Walter Tretton, Head of Infrastructure, the EU Delegation in Kenya. The meeting was convened at Laico Regency hotel on 18 – 21 June 2018. The meeting brought together approximately 100 participants including NTCC members, all the 6 grantees and partners including COMESA, Leather and Leather Product Institute, Collaborating Center on Sustainable Production (CCSP) gGmbH, International Center of Insect Physiology (ICIPE), Kenya Private Sector Alliance (KEPSA), and 30 per cent of the beneficiary enterprises (MSMEs). Field visits in Kenya were carried out in Nakuru leather cluster (COMESA MSMEs). The following phase II grants in Kenya were officially launched during the meeting:

GREENTOUR – Replicating tourism industry sustainability best practices into the Kenyan and wider African tourism supply chain through an integrated business led approach implemented by European Centre for eco- and agro-tourism;

Green Horticulture At LAke Naivasha (GOALAN) project implemented by the World Wide Fund for Nature (WWF-Kenya);

A Revenue Generation Approach for SCP Dissemination in Kenya implemented by ETIMOS Foundation; and

Inclusive Green Horticultural processing sector in Kenya implemented by SUSTALDE Fundacion



A beneficiary of the Switch Africa Green programme in Kenya shows off her raw materials used for value addition (Pic: Switch Africa Green)

4. Issues raised and addressed during the meetings:

In each of the meetings there was a presentation on the motivation for the survey and the background on the two types of questionnaires – grantee and enterprise. It was highlighted that the results of the survey will be a crucial input for documenting the impact of the project, not only the positive but also the challenges which could later be addressed through policy or other relevant channels. In addition, the programme would be able to capture the details of the beneficiaries of the programme in one data base as well as the activities and results achieved through the programme. This will ensure that the records for the programme are kept in a central

place and can be accessed in the future. In addition, reports would be developed from the data collected with these including 6 country reports, 4 sectoral reports, case study report as well as the overall report of the Switch Africa Green programme.

While the participants in all the 6 countries raised similar issues, they appreciated the survey questionnaires but voiced concern on their length, explaining that they were too long and cumbersome to fill in. In response, it was explained that the questionnaires were that long in order to capture the wide range of beneficiaries in the programme – tourism, agriculture, integrated waste management and manufacturing sectors as well as the 5 cross cutting themes: energy efficiency, water efficiency, eco-innovation, sustainable trade and labelling and standards.

The participants were also concerned that the questionnaires could not be saved during electronic filling, which posed a problem of having to complete them in one sitting. If they encountered a section where the data had to be compiled separately, then they would not be able to save and continue later. In response, the participants were encouraged to fill the offline questionnaires as these can be saved. When all the information has been compiled in the offline questionnaire, then they would be able to transfer it to the online questionnaire in one sitting.

The participants then proceeded to fill their questionnaires in groups with a total of 180 questionnaires being filled by the end of the workshops. Technical support was provided to the participants which enabled them to overcome various challenges in filling the questionnaires. As the internet connection in Kampala and Rodrigues was not very good, this caused challenges of electronic questionnaires disappearing before they were submitted. Participants were given two weeks to complete the remaining questionnaires numbering about 455, online. A summary table on the questionnaires per country is annexed to the report.

5. Conclusion and way forward

The participants agreed to submit the remaining questionnaires within two weeks after the respective national workshops. The national coordinators will follow up on the remaining questionnaires, with all the pending questionnaires expected to be submitted by the end of June 2019. The data from the survey will be analysed, synthesized and published in various reports, including country reports, sectoral reports, case study report, various brochures, info graphics and monograms. The draft reports will in turn be sent to countries for review.

6. Final data collected

In summary, there were 455 enterprises surveyed across the four sectors in the six countries from all the project grantees. The MSMEs in Rodrigues were very small (sole proprietorships mainly startups) hence some were aggregated in groups (where associations were recommended) to ensure

they do not present a bias in the data. In total, the response was about 30% of the project beneficiaries. After accounting for the 3 projects that did not complete implementation.

Distribution of Surveyed MSMEs

