

# 6 PROJECTS AT A GLANCE

Project Sheet for SWITCH Africa Green Programme

## MAURITIUS



## 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 Burkinabe 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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## GREENING THE MAURITIAN TOURISM INDUSTRY

### BACKGROUND

Mauritius has developed a tourism industry that is admired throughout the world. The hospitality industry has rapidly emerged as one of the main income earning sectors, contributing about 12 % of the national GDP. Whilst larger hotels, have the required expertise and logistics facilities in achieving competitiveness at an international level, same is quite difficult for smaller ones. Small & Medium Hotels [SMH] therefore need to have a more coordinated approach, grouping together to form clusters, in order to achieve the same end results.

The survival of SME hotels depends greatly on their operations cost which involve high energy and water consumption but also have to face regional competition. The sustainability of the tourism industry is vital for development and improved performance. Tourists are no longer looking only for a nice room and sandy beaches but have started to become more conscious of what is happening around them. Furthermore the tourism industry is highly dependent on natural resources and the aesthetic within which it operates. The proposed action will prepare the local Small and Medium hotels to take the challenge to providing attractive products to the tourist and meet their expectations in terms of sustainability.

### ASSOCIATION DES HÔTELS DE CHARME

#### LOCATION:

Mauritius - Rodrigues  
Island

#### Budget



**\$250,000.00**

#### Timeline



**30 Months**

### OBJECTIVES

The overall objective of the action is to support the sustainable development of small and medium hotels and assist them in the greening process; and to achieve better environmental and economic performance favouring growth and employment both directly and indirectly through the value chain. The aim of alleviating the impact of poverty on the local population will be achieved through growth generation of the sector and creation of decent jobs.

### ACTIONS

- » Improve understanding of environmental issues relative to the tourism sector.
- » Disseminate the EMS Best Practices Manual, together with an implementation Guide, based on a Do It Yourself [DIY] principle, to enable SMH to implement EMS best practices
- » Reinforce the implementation of best practices towards sustainable tourism and coastal zone protection
- » Skills development and assistance for implementation of easy steps to aid Small and Medium Hotels in their greening process.
- » Encourage the integration of informal businesses such as hawkers, taxi drivers, restaurants, etc to offer clustered services and empowering them for an effective supply chain integration

## A MODEL FOR SUSTAINABLE PRODUCTION AND CONSUMPTION PRACTICES AND ECO-ENTREPRENEURSHIP DEVELOPMENT

### BACKGROUND

Centre de Formation Agricole Frere Remi is a training center catering to the youth to develop their academic (Mathematics, French, English) and vocational skills (Livestock rearing, Horticulture, Floriculture, Moasiculture, Phytotechnic and Zootechnic). The Centre de Formation Agricole Frere Remi welcomes teenagers aged between 12 and 18 years old who did not succeed in the academics following successive failures mainly at primary school level. The Centre offers both academic and vocational courses to the students in order to help them start up their own micro-business. The teenagers are motivated by the coaches and volunteers to develop their vocational skills in order to start up their own micro-business in this field one day. This project is a step forward towards ensuring that the centre is armed with the adequate tools to motivate not only the students of the centre but the society of Rodrigues Island in general in achieving a sustainable development through sustainable consumption and production pattern and practices.

### OBJECTIVES

The main objective of this action is to empower the Centre de Formation Agricole Frere Remi so as to support Rodrigues Island in achieving sustainable development. The proposed action will build on the existing activities and successes of the centre and will also enhance Agri-Green Business Development and partnership.

### ACTIONS

- » Incorporate green business development in the curriculum and assist business start-ups of students and community
- » Improving service delivery of the Centre by optimising the actual resources through studies and reports in the field of water management, waste management, energy management, landscape architecture, topographic studies and statistics.
- » Training the students, coaches, participants and the community on SCP patterns and practices
- » Promotion of inter Mascarene Islands (Rodrigues- Mauritius- Reunion-Seychelles) networking programmes which will consist of organising a total of five networking programmes between Mauritius, Reunion and Seychelles Island for different groups of students.

#### CENTRE DE FORMATION AGRICOLE FRERE REMI

##### LOCATION:

Mauritius - Rodrigues Island

##### Budget



**\$203,146.00**

##### Timeline



**30 Months**

## INCREASE CAPACITY BUILDING OF THE FISHER'S COMMUNITY OF RODRIGUES THROUGH TRAINING FOR THE BIO CULTIVATION OF THE GOMBAVA LIME PLANTS AND ITS CHILLI PASTE

### BACKGROUND


The Rodrigues fishers' community is largely focused on massive fishing activities at the expense of the marine ecosystem. To remediate the situation the Commission of Environment and Fisheries introduced the Octopus Closing Period to shift the fishers during this period to alternative livelihoods like cleaning and embellishment of their local/village community. Following almost the same approach, this action will support the fishers' community mainly women by increasing their capacity and successfully shift them to a more sustainable and green alternative livelihoods. The action aims to create and promote a sustainable employing enterprise for this targeted group in a concept of agro tourism. The cultivation and production of Gombava is an opportunity for the fisher folk to shift into a more long term lucrative sector and at the same time, inculcate them with bio- cultivation and production techniques. The action will switch the inclinations of this community to greener and sustainable source of livelihoods that will enhance the overall island sustainability.

### THE COMMISSION OF FISHERIES, RODRIGUES REGIONAL ASSEMBLY

#### LOCATION:

Mauritius - Rodrigues Island

#### Budget

 **\$230,500.00**

#### Timeline

 **24 Months**

### OBJECTIVES

The project aims to provide an alternative source of income for the fisher folks, which is more sustainable and green alternative livelihood. The action is proposing the concept of agro-biotourism: where an open Gombava lime garden eco- garden to demonstrate bio-cultivation and production to tourist and population. The project will reduce the plague of overfishing, thus promoting marine resources sustainability. This project plans to setup demonstration area for Gombava and chili paste, employing at least 10 women who will be trained for the cultivation and production of the product.

### ACTIONS

- » Develop eco-entrepreneurship opportunities through on-the job training of the women
- » Diversify Rodrigues typical local product range through setting up of gombava nurseries and plantation
- » Awareness raising on bio-products and marine development protection among community and tourists
- » Develop a sustainable lucrative product and provision of marketing support
- » Provide an accessible production place to tourists and the local people

# MAURITIUS

## PROMOTING SUSTAINABLE LOCAL AGRICULTURE THROUGH GREEN RETAIL AND GREEN HOSPITALITY (SUS-AGRI)

### BACKGROUND

Agriculture contributes to 3.4% of GDP and 8.3% of employment in Mauritius. Although Mauritius is considered as a net-food importing country by WTO, the small-scale agriculture sector is vital to sustain the production of some 115,000 tonnes of food crops annually. Some 9,000 smallscale farmers are involved in vegetable and fruit production with limited capacity in marketing group initiatives. There is an increasing demand in Mauritius for food with higher standards. With the growing concern for safe and healthy foods, improving farmers/workers' health and safety, and reducing environmental impacts, there is a need to address the inherent risks related to fresh fruits and vegetables [FFV] production in Mauritius. The Government of Mauritius is developing and implementing a Green Agricultural Certification Scheme and has introduced eco-labelling on local sustainable food. However, to motivate sustainable food supply, market pull needs to be enhanced.

### OBJECTIVES

The overall objective of the SUS-AGRI project is to promote sustainable local food in Mauritius by leveraging channel power of retail & hotel sector to drive sustainable food consumption and production, add value to local food and improve livelihood of small holder farmers. The target groups are retailers, hospitality sectors, farmers/agriculture business, consumers and policy makers. The project shall complement the Green Agricultural Certification Scheme to increase the supply of safe and high quality locally produced food while promoting more sustainable crop production).

### ACTIONS

- » Transfer good practices and experiences of green retail & green hotel business to Mauritius
- » Instill sustainable thinking and enhance sustainable practices in the strategies, operations and marketing of retailers and hotels
- » Drive sustainable practices and innovative partnership in the food supply chain of retail & hotel sectors
- » Capacitate, support and encourage key stakeholders to educate consumers on sustainable consumption and create a favourable climate nurturing sustainable practices
- » Improve enabling policy frameworks to guide green retail and hospitality development on larger scale

#### UNIVERSITY OF MAURITIUS

##### PARTNER:

Collaborating Centre on Sustainable Consumption and Production (CSCP)

##### LOCATION:

Mauritius

##### Budget



**\$249,655.00**

##### Timeline



**24 Months**

### BACKGROUND

In 2012, the Joint Economic Council (JEC) and the French Development Agency have studied the situation of energy efficiency in conducting a mapping of potential in the industrial and tertiary sectors in Mauritius. The results showed that businesses can have a potential savings of Rs1.2 Billion annual bill savings if barriers are resolve, i.e. impassive like lack of supervision and awareness, lack of credibility in the energy audit, lack of subsidy and lack of quality local expertise.

In 2013/2014 a Pilot and Demonstration Phase on the use of steam was conducted in eight companies. The potential savings on fuel bills varies between 10-40 %. The Partnership worked a concept note "The National Energy Efficiency Program" an innovative project to support the Mauritian private sector, which was funded by European Union through the SE4ALL. Programme National d'Efficacité Energétique (PNEE), is now a being implemented by various government agencies in promoting energy efficiency.

#### JOINT ECONOMIC COUNCIL

#### LOCATION:

Mauritius



#### Budget

\$250,000.00



#### Timeline

24 Months

### OBJECTIVES

The long-term objective of PNEE is to facilitate the development of a market for quality energy efficiency in Mauritius. PNEE has established energy audits as the cornerstone of its vision. The program plans to carry out about a hundred audits by 2017. It is divided into 8 projects, ranked by sectors of activity [textile, hotel, supermarket] or by the use of energy [cold, steam, compressed air, pumps, hot water].

### ACTIONS

- » Technical visits to formulate notebook specific charges per site,
- » Energy audit for the MSME done by JEC auditor,
- » Technical assistance and energy management
- » Education and training on energy consumption and the recommendations from the audit e) investment facilitation through the SUNREF credit
- » Communication and sharing of good practice.
- » Energy and energy efficiency management and the Processors



# MAURITIUS

## DEVELOPING CAPACITY AMONGST RODRIGUANS TO ADOPT GREEN BUSINESSES THROUGH TRAINING TO KEY STAKEHOLDERS AND THE DEVELOPMENT OF A GREEN BUSINESS GUIDEBOOK

### BACKGROUND

The low development in Rodrigues could be considered an opportunity to do the right thing the first time. Rodrigues has therefore an opportunity to excel in the preservation of its natural environment. The recent banning of plastic bags is certainly one big first step. Alternatives must be identified because plastic bags had almost become a way of life for the population as it is in the island. The island of Mauritius is now coming forward with the banning of plastic bags at the national level. A green business guidebook developed after extensive field research and consultations will provide to potential entrepreneurs the opportunity to develop sustainable businesses involved in the production of alternatives to plastics. This expected result correlates directly with the objective of minimising plastic wastes on the island of Rodrigues.

### OBJECTIVES

The main objective is to contribute in the transition of Rodrigues Island towards an inclusive green economy through minimising plastic waste. The action will create the perfect environment for small sustainable green businesses to be set up and to flourish at micro level in the first instance but may also encourage large manufacturers of plastic bags in Mauritius to convert to greener products. Along the same line, consumers will have access to all relevant information thus enabling them to make wiser choices of products for the benefit of their health, the environment and local business development.

### ACTIONS

- » Organise training and implement internship and exchange programs to boost aptitudes for green entrepreneurs.
- » Boost the utilisation of locally available materials into value added products
- » Encourage the greening of existing businesses - Organise training and implement internship and exchange programs to boost aptitudes for green entrepreneurs.
- » Facilitate the implementation of green businesses by making information about setting up potential green businesses readily available

#### COMMISSION OF ENVIRONMENT, RODRIGUES REGIONAL ASSEMBLY

##### PARTNER:

Ter-Mer Rodriguez Association, Mauritius  
Small and Medium Enterprises Development Authority, Mauritius

##### LOCATION:

Mauritius

##### Budget



**\$250,000.00**

##### Timeline



**30 Months**



[www.switchafricagreen.org](http://www.switchafricagreen.org)



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