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**SWITCH Africa Green**  
**Regional Sector Meeting on Integrated Waste Management**  
**Accra, Ghana**  
**Holiday Inn Accra Airport**  
**11-12 June 2019**  
**Concept Note and Agenda**

## **Introduction**

The transition to a green economy requires actions and significant technological, behavioural and systemic change in all levels of the society including citizens, public sector and the private sector. It has been established that more radical innovations come from the small and medium enterprises (SMEs). They play a key role in the transition to green economies and sustainable development in general. They do so by creating business models that are not only economically profitable but also create environmental and social inclusiveness.

SWITCH Africa Green supports these SMEs by funding green business projects in 4 sectors targeted by the programme (agriculture, tourism, manufacturing, integrated waste management) with strong opportunities for advancing green business and SCP practices. Sectors selection were based on assessments of partner countries context and country level consultations with key stakeholders.

Green business projects focus specifically on supporting green business ventures (growing “green” sectors) in e.g. sustainable tourism, sustainable agriculture, conservation of environment (including biodiversity); and businesses that increase resource efficiency and decrease pollution over the full life cycle of products (i.e. from 'cradle to cradle'). Support is delivered through various activities, such as awareness raising and capacity-building for MSMEs to apply SCP practices. Results achieved include increased incomes, cost savings, job creation, improved time efficiency, improved health and increased productivity. More than 3000 MSMEs have been supported in the uptake of SCP through SWITCH Africa Green so far.

Projects in the integrated waste sector focus on areas such as municipal solid waste, e-waste management, waste to energy (e.g. biogas production and briquette production), farm to compost, as well as industrial symbiosis. Main findings indicate that the sector is labour intensive and can generate a large number of jobs, reduce environmental impacts and create better livelihoods, especially for women and youth-owned/led enterprises.

To complement the financing of green business projects and support to policy development, SWITCH Africa Green actively promotes networking among all project partners and external stakeholders with an interest

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in SCP practices. After a series of national and regional networking events, the programme is now launching a series of sectoral events which will cover the 4 priority sectors.

## Objective

The main objective of this workshop is to consolidate and share the knowledge generated by SWITCH Africa Green in the integrated waste sector and to promote the scale-up of best practices identified.

The specific objectives are to:

1. Provide a platform for consolidating and sharing lessons on best practices identified / supported by the SWITCH Africa Green programme in the Integrated Waste Management Sector.
2. Validate the findings of the recent SWITCH Africa Green regional survey on integrated waste management.
3. Promote networking among SWITCH Africa Green programme partners as well as stakeholders working in the sector in order to encourage scaling-up and replication of best practices in the participating countries, and Africa as a whole.
4. Formulate recommendations for a regional policy framework for an enabling environment for circular economy and integrated waste management.

## Participants

Participants will include the SWITCH Africa Green grantees and beneficiary enterprises involved in green business projects focused on integrated waste management.

The workshop will also involve stakeholders with interest in the integrated waste sector, including national and local government representatives, Regional Economic Communities, other SWITCH / SCP programmes, development partners, UN agencies, private sector, financial institutions, research institutions and academia, and non-state actors.

The workshop is funded by the European Union through the EU SWITCH Africa Green Programme and jointly organised by the Ghana Ministry of Environment, Science, Technology and Innovation (MESTI); Environmental Protection Agency Ghana; the Ghana National Cleaner Production Centre (GNPCPC); United Nations Environment Programme (UNEP), United Nations Development Programme (UNDP), United Nations Office for Project Services (UNOPS), the SWITCH to Green facility of the European Commission and National focal points in the SWITCH Africa Green participating countries.

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## Agenda

| Day 1: 11 June 2019 |  |
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| 8.30-9.00           | Registration   |
| 9.00-10.00          | <p><b>Session 1: Introduction and opening remarks:</b></p> <ul style="list-style-type: none"> <li>- Welcome remarks from Environmental Protection Agency Ghana</li> <li>- Remarks from United Nations Environment Programme (UNEP)</li> <li>- Welcome speech by European Union</li> <li>- Key note speech Ghana Ministry of Environment, Science, Technology and Innovation</li> </ul> <p><b>Moderator, EPA Ghana</b></p>  |
| 10.00 - 11.00       | <p><b>Session 2: Setting the Scene:</b> This session will set the scene about the importance of integrated waste management in sustainable development including job creation, improved livelihoods and a clean environment. The session will also touch on how integrated waste management could support the achievement of global commitments such as the Agenda 2030, Agenda 2063, among other global, regional and national commitments.</p> <p>Following a brief introduction from the moderator, the results from the Switch Africa Green programme survey on integrated waste management sector will be presented followed by discussions from the participants.</p> <p><b>Moderator: Patrick Mwesigye, UNEP</b></p> <ul style="list-style-type: none"> <li>- Presentation of the <b>Regional Sector Report on Integrated Waste Management: Focus on Green Business Development.</b></li> </ul> <p><i>Rhoda Wachira, Programme Management Officer, UNEP</i></p> <p><i>Rapporteur: Dr. Dickson Khainga</i></p> |
| 11.00-11.40         | Break, including Group photo and exhibition visit.   |
| 11.40-13.30         | <p><b>Session 3: Panel Discussion: Waste as a Resource - Some Good Practices</b></p> <p>This session will highlight examples of good practices in green business and Sustainable Consumption and Production (SCP) practices from selected enterprises to identify opportunities for scale up and replication as well as challenges to be addressed.</p> <p><b>Moderator: Mr. Bernard Yao Koffi, Head Division Environment and Climate Change, ECOWAS</b></p> <ul style="list-style-type: none"> <li>- Turing E-Waste into Profit: The Potential of Landfills in Ghana.<br/><i>Ms. Vivian Ahiayibor City Waste, Ghana/Lambert Faabeluon, EPA, Ghana</i></li> <li>- Waste to treasure a case of Industrial symbiosis in Uganda.<br/><i>Ambassador Philip Idro, CEO, Upland Rice Millers Co. Ltd, Uganda</i></li> <li>- Beat Plastic Pollution in South Africa.<br/><i>Mr Tshepo Mazibuko, Managing Director, KI Recycling, South Africa</i></li> </ul>   |



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|                           | <ul style="list-style-type: none"> <li>- Community solid waste action in Burkina Faso.<br/><i>Damien Lankoande, Executive Director, GRAAD Burkina Faso</i></li> <li>- From Waste to energy - Biogas in Ghana.<br/><i>Raymond Okrofu Ategbi, Safisana Enterprise</i></li> </ul> <p><i>Rapporteur: Ms. Norah Mugita, UNEP</i></p>  |
| <b>Lunch</b>              |  |
| <p><b>14.40-17.00</b></p> | <p><b>Session 4: Existing Circular Economy and Integrated Waste Management Practices</b></p> <p>This session will provide dialogue between 3 regions – Africa, Asia and Europe, on emerging and existing circular economy and integrated waste management practices.</p> <p><b>Moderator: Dr. Wilhelmina Quay, Director CSIR-STEPRI, Ghana</b></p> <p>Presentations:</p> <ul style="list-style-type: none"> <li>- EU action on the Circular Economy, presentation by the SWITCH to Green facility<br/><i>Jens Nørgaard, SWITCH to green Facility, European Commission (EC)</i></li> <li>- Integrated waste management initiatives by the local government, a case study of Lagos, Nigeria. Lagos waste management authority (LAWMA)<br/><i>Adeyemo Oluwabukola, Head Legal &amp; Advisory Services Lagos Waste Management Authority (LAWMA)</i></li> <li>- Sustainable Waste management models from China. Department of Energy Conservation and Resources Utilization, Ministry of Industry and Information technology of China<br/><i>Tingzheng Guo, Director, Department of Energy Conservation and Resources Utilisation. Ministry of Industry and Information Technology, China</i></li> </ul> <p>Discussions and Summary of emerging issues.</p> <p><i>Rapporteur: Kamala Ernest, UNEP</i></p> |
| <p><b>17.00-19.00</b></p> | <p><b>Closed door session: Review of the Regional Sector Report on Integrated Waste management: Focus on Green Business Development. (Session by invitation only)</b></p> <p><b>Moderator: Patrick Mwesigye, UNEP</b></p> <p><b>Panellists:</b></p> <p style="text-align: center;"><b>Prof. Percy C. Onianwa, Basel Convention Centre, University of Ibadan</b><br/><b>Prof. Sarah Feresu, University of Harare, Zimbabwe</b><br/><b>Dr. Romanus Opiyo, Stockholm Environment Institute (SEI) Africa Centre.</b></p> <p>The participating countries will be represented by the SWITCH Africa Green national focal points.</p> <p><i>Rapporteur: Dr. Dickson Khainga, Rhoda Wachira and Norah Mugita</i></p>  |



## Day 2: 12 June 2019

9.00-13.00

### Session 5: Parallel working groups: Creating an enabling environment for circular economy and integrated waste management

#### **Moderator, Prof. Sarah Feresu: Recap of Day I and introduction to working groups,**

*The moderator will provide a recap of Day 1 and an introduction to the working groups.*

*The working groups session will present and discuss the key issues as well as the lessons learned from implementation of the Switch Africa Green programme in the circular economy and Integrated Waste Management sector. The session will validate the findings of the survey report and formulate recommendations for the 'regional policy framework for an enabling environment in circular economy and integrated waste management sector'. The moderator will present some lessons from the SWITCH Africa Green survey report followed by two 15 min presentations that will support/inform the discussions in each group.*

#### **Group 1: Financing for Enterprises in the Sector**

***Lesson:** Green financing mechanisms are needed for small enterprises, including support for MSMEs to help them develop sustainable business models and bankable proposals for implementing identified green options in their enterprises.*

***Discuss:** What financing mechanisms can be adopted in the region to promote circular economy and integrated waste management.*

#### **Moderator: Charles Boateng, Deputy Head of Public Sector, Zenith bank**

*Rapporteur: Teddy Twine, Uganda*

Presentation from two existing financing models:

- **FONERWA - Rwanda's Green Fund.** Steven Niyonzima, Director Rwanda Cleaner Production Centre, Rwanda
- **Green Financing by Local Government.** Timothy Kiogora, Director of Environment, Energy and Natural resources, Nakuru County, Kenya

#### **Group 2: Circular Economy and Integrated Waste Management Policies for Local Governments**

***Lesson:** National and local Governments in the region need continuous support to appreciate, develop and implement circular economy and Integrated Waste Management policies.*

***Discuss:** Which policies, laws and institutions are required/missing for promoting businesses in the waste management sector.*

#### **Moderator: Irene Kamunge, Director, Legal Services - National Environment Management Authority (NEMA), Kenya**

*Rapporteur: Ms. Norah Mugita, UNEP*

Presentations from implementing Integrated Waste Management at the local level:

- **Creating policies for turning waste to energy.** Godfrey Kabbyanga, Mayor of Kasese, Uganda
- **Opportunities created by the Dedougou Waste Management Strategy.** Karim Konde Lomboza, Mayor of Dedougou Commune, Burkina Faso.



### **Group 3: Technical Assistance Models for Enterprises in Waste Management**

*Lesson: MSMEs require knowledge, capacity and access to successful SCP models and/or skills for making their business processes greener and adopt SCP practices.*

*Discuss: What models can be adopted to support MSMEs to green their business and adopt SCP practices*

**Moderator: Dr. Shepherd Muchuru, Environment and Climate Change, SADC Secretariat**

*Rapporteur: Albert Compaore, UNDP, Burkina Faso*

Presentations from implementing institutions:

- **Sustainable business models through import, export & recycle of textile waste and plastic pet bottles.** Somna Deoduth, Director, Soge Intl Company Ltd. Mauritius.
- **Collection centres and business associations as an innovative model to support green business development.** Letitia Nyaaba, Environmental Protection Agency, Ghana.

### **Group 4: Innovative Solutions of Turning Waste to Business Opportunities**

*Lesson: Implementation of innovative green business and SCP practices results to social, economic and environmental benefits.*

*Discuss: How can countries scale up and replicate these innovative solutions?*

**Moderator: Jens Nørgaard, SWITCH to Green Facility, European Commission (EC)**

*Rapporteur: Misgana E. Kallore, UNEP, Ethiopia*

Presentations on industrial symbiosis and circular economy

- **Tapping into underutilized resources through Industrial Symbiosis.** Silver Ssebagala, Director, Uganda Cleaner Production Centre (UCPC)
- **Circular Economy - A zero waste strategy for South Africa.** Elizabeth Ntoyi, Department of Environmental Affairs (DEA) South Africa

### **Group 5: Green Products from Waste – Sustainable Trade and Markets**

*Lesson: There is need to build appreciation for green products by consumers (both public and private consumers). Support for developing sustainable public procurement policies and raising greater awareness of sustainable products is needed.*

*Discuss: How can we support/develop markets for green/sustainable products?*

**Moderator: Robert Hamwey, Economics Affairs Officer, UNCTAD, Geneva**

*Rapporteur: Kingsley Bekoe, UNDP, Ghana*

Presentations by Enterprises:

- **Green Marketing.** Marie Lourdes Raphaël Robertson, Commission for Environment, Rodrigues, Mauritius.
- **Upcycling for Sustainability – Linking upcycled products to markets.** Matilda Payne, Accra, Ghana

**Lunch**



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| 14.00-16.00 | <p><b>Session 6: Plenary Discussions</b></p> <p><b>Moderator: Fredua Agyeman, Director of Environment, MESTI, Ghana</b></p> <p><i>This session will be an interactive discussion following brief presentations from the moderators from the five working groups on the lessons learned from each of the thematic areas in each group. It will further discuss the next steps to align the discussions in the Switch Africa Green integrated waste management sector report as well as to formulate recommendations for a regional policy framework for an enabling environment for circular economy and integrated waste management.</i></p> <p><i>Rapporteur: Dickson Khainga, Kenya</i></p>   |
| 16.00-17.00 | <p><b>Session 7: Policy recommendations for an enabling environment for circular economy and integrated waste management.</b></p> <p><b>Moderator: Robert Wabunoha, UNEP</b></p> <p>Presentation of the draft recommendations for a regional policy framework for an enabling environment for circular economy and integrated waste management.</p> <p><b>Panel Discussion:</b> The role of the regional economic communities and partners in implementing the recommendations of the regional policy framework on integrated waste management.</p> <p>Panellists:</p> <p><b>Mr. Bernard Yao Koffi</b>, Head Division Environment and Climate Change, ECOWAS</p> <p><b>Dr. Shepherd Muchuru</b>, Environment and Climate Change, SADC Secretariat</p> <p><b>Mr. Lambert Faabeluon</b>, Director, Ghana National Cleaner Production Centre.</p> <p><b>Mr. Becquet Polycarpe Bationo</b>, Director of Entrepreneurship Promotion and Green Investments. Burkina Faso.</p> <p><b>Dr. Hezekiah Okeyo</b>, Director, Ministry of Industrialization and Enterprise Development, Kenya</p> |
| 17.00-17.20 | <p><b>Session 8: Closing remarks and way forward</b></p> <ul style="list-style-type: none"><li>- Remarks on the way forward - United Nations Environment Programme (UNEP)</li><li>- Closing remarks – European Union Delegation, Ghana.</li><li>- Closing Remarks – Ghana Ministry of Environment, Science, Technology and Innovation (MESTI)</li></ul>   |