

**Coastal East Africa**  
**Solid Waste Management and Gas to Energy Best Practices Workshop**  
**September 10-13, 2012**  
**Flic en Flac, Mauritius**

**Proceedings**

**Opening Remarks and Keynote Address**

*Mr. Hugo Jimenez, Economic/Commercial Officer for Mauritius  
and the Seychelles, Embassy of the United States of America  
– Port Louis*

*Address by Ms. Swarupa Ganguli, Team Lead, Landfill Methane  
Outreach Program, United States Environmental Protection Agency (EPA)*

*Address by Mr. Troy Fitrell, Chargé d' Affaires, Embassy of the  
United States of America*

*Address by Hon. Devanand Virahsawmy, GOSK, FCCA  
Minister of Environment and Sustainable Development*

*Keynote address by Hon. Louis Hervé Aimée,  
Minister of Local Government and Outer Islands*

[Review objectives for the workshop and share expectations](#) (PDF, 3 pp, 213 KB)

*Facilitator: Mr. Benson Ochieng*

[Overview of the elements of Integrated Solid Waste Management \(ISWM\) in East Africa:  
Lessons from Solid Waste in World Cities Report and Q&A](#) (PDF, 39 pp, 2.4 MB)

*Mr. Andy Whiteman, Resources & Waste Advisory Group (RWA)*

[Governance Overview](#) (PDF, 7 pp, 518 KB)

*Mr. Gerry Opondo, East African Network on Environmental Compliance and Enforcement*

**Country and City Snapshots**

**Brief presentations on the status of solid waste management in respective cities/countries**

[Bujumbura, Burundi](#) (PDF, 27 pp, 2 MB)

*Mr. Saidi Juma, Municipality of Bujumbura*

[Kenya: \(overview and Nairobi\)](#) (PDF, 11 pp, 530 KB)

*Mr. Benjamin Langwen, Kenya National Environmental Management Authority*

[Malindi, Kenya](#) (PDF, 16 pp, 494 KB) and the [Watamu Initiative](#) (PDF, 45 pp, 6.4 MB)  
Mr. Hussein Abdalla Mwasimba, Municipal Council of Malindi

[Mombasa, Kenya](#) (PDF, 25 pp, 1.9 MB)  
Mr. Mohammed Bilafif, Municipal Council of Mombasa

[Réunion](#) (PDF, 25 pp, 1.9 MB)  
Mr. David Carpaye, Syndicat De l'Importation et du Commerce, Réunion

Seychelles  
Mr. Rahul Mangroo, Seychelles Landscape and Waste Management Agency

[Tanzania \(overview\)](#) (PDF, 17 pp, 899 KB)  
Dr. Robert Ntakumulenga, Tanzania National Environment Management Council

[Dar es Salaam, Tanzania](#) (PDF, 30 pp, 2.3 MB)  
Dr. Robert Ntakumulenga, Tanzania National Environment Management Council

[Zanzibar](#) (PDF, 30 pp, 2.3 MB)  
Mr. Mzee K. Juma, Zanzibar Municipal Council

[Kampala, Uganda](#) (PDF, 17 pp, 1 MB)  
Ms. Judith Tukahirwa, Kampala Capital City Authority

NGO Open House-- NGO/Pubic Sector participants informally presented their work during the break

*Mission Verte, Mauritius – Claude Pougnet*

[Nipe Fagio, Dar es Salaam](#) (PDF, 51 pp, 9.7 MB) – *Said Swaleh*

*Tulizza Community CBO, Mombasa – Callystus Masiga*

[Zanzibar Association for Cleaning Env. and Development of Youth](#) (PDF, 22 pp, 872 KB) – *Jamal Juma*

[Overall elements of Mauritius' Solid Waste Management program and Q&A](#) (PDF, 37 pp, 4.7 MB)

*Mr. Prakash Kowlessar, Director of Solid Waste Management Division, Mauritius Ministry of Local Government & Outer Islands*

## **Panel: Collection, Resource Recovery, and the Role of the Informal Sector**

[Recycling collection, maximum capture, and barriers](#) (PDF, 23 pp, 649 KB)

*Mr. Chandru Wadhvani, Polypet Recyclers Mauritius*

[Elements of Composting and Composting in Mauritius](#) (PDF, 39 pp, 4.4 MB)

*Dr. Romeela Mohee, Mauritius Tertiary Education Commission*

[Role of micro-enterprises and the informal sector](#) (PDF, 36 pp, 3.9 MB)

*Mr. Said Swaleh, Waste Management & Recovery Division, Saas Marketing Group*

Improving solid waste collection and recycling services in East Africa

*Mr. Andy Whiteman, RWA*

[Elements of Proper Landfill Design, Operations and Maintenance](#) (PDF, 67 pp, 3 MB)

*Mr. Brian Guzzone, Eastern Research Group, Inc. (ERG)*

[International Landfill Gas Energy Best Practices](#) (PDF, 74 pp, 3.8 MB)

*Ms. Swarupa Ganguli, U.S. EPA and Mr. Brian Guzzone, ERG*

[Case Study: Structuring the Power Purchase Agreement for Mare Chicose Landfill Biogas Project](#) (PDF, 26 pp, 1.9 MB)

*Mr. Shamshir Mukoon, Corporate Planning and Research Manager of the Central Electricity Board, Mauritius*

[Brief on site visits](#) (PDF, 21 pp, 1.8 MB)

*Prakash Kowlessar – Director, Ministry of Local Government & Outer Islands*

*Avinash Rajcoomar - Deputy Landfill Manager, Mare Chicose Landfill*

### **Panel Discussion on Municipal and Other Financing for ISWM**

**Facilitator:** *Mr. Benson Ochieng*

**Panelists:** [Mr. Andy Whiteman, RWA](#) (PDF, 19 pp, 1.1 MB)

*Mr. Brian Guzzone, ERG*

[Mrs. Sanju Naraidoo, Mauritius Ministry of Finance & Economic Development](#) (PDF, 14 pp, 585 KB)

*Mr. Benjamin Langwen, Kenya National Environmental Management Authority*

*Mr. Patrick Maurel, Securiclean, Mauritius*

*Mr. Mzee K. Juma, Zanzibar Municipal Council*

*Mr. Mohamed Muombwa, Zanrec, Zanzibar*

*Mr Prakash Kowlessar – Ministry of Local Government – Mauritius*

### **Importance of Public Participation and tools to achieve it**

**Panelists:** *Ms. Cristina Mercurio, U.S. EPA*

*Mr. Said Swaleh, Waste Management & Recovery Division, Saas Marketing Group*

*Mr. Jamal Juma, Zanzibar Association for Cleaning Env. and Development of Youth*

*Mr. Callystus Masiga, Tulizza Community CBO-Mombasa*

[Dr. Robert Ntakumulenga, Tanzania National Environment Management Council](#) (PDF, 17 pp, 796 KB)

*Ms. Lena Desaubin, Seychelles Landscape and Waste Management Agency*

### **Round Robin: Discussion of key lessons learned and next steps**

**Facilitators:** *Mr. Benson Ochieng and Ms. Judith Tukahirwa*

### **Closing Remarks and Distribution of Certificates**

*Ms. Swarupa Ganguli, U.S. EPA*

*Mr. Prakash Kowlessar, Mauritius Ministry of Local Government & Outer Islands*