



AFRICITIES SUMMIT 2015: Sustainable Energy in Urban Africa Open Session Field Trips

2nd of December 2015

Organisers: SAMSET, GIZ, SALGA, City of Johannesburg

Introduction

There are a wealth of interesting and relevant sustainable energy projects underway in the Gauteng area from which Sub-Saharan African cities may gather experience and best practice insight. The trips identified are considered most relevant to city level energy work and also within reasonable reach of the conference venue. The intention is that each trip should provide an opportunity for in-depth learning, rather than “energy tourism”. Each trip will be guided by a municipal official or project developer directly involved in the project. Relevant case study materials will also be provided where possible.

ALL TRIPS WILL LEAVE (AND RETURN TO) AT THE MAIN ENTRANCE OF SANDTON CONVENTION CENTRE.

Field trip programme

Morning schedule: depart 08h30 from Sandton Convention Centre, return 12h30.		
	Project type	Site
1	Landfill gas to energy	1 MW landfill gas to electricity at Ekurhuleni Municipality's Simmer and Jack landfill site (municipal project).
2	Wastewater biogas to energy	A project of the City's Water and Sanitation department, Northern Works is using on-site biogas to generate electricity for wastewater treatment processing.
3	Transport and Spatial planning	Experience Johannesburg's Gautrain, BRT (Rea Vaya) first-hand, learn about the city's eco-mobility approaches and 'Corridors of Freedom': unlocking an integrated, inclusive and low carbon city future.
Afternoon schedule: depart 13h30 from Sandton Convention Centre, return 17h00.		
	Project type	Site
4	Rooftop PV (commercial)	tbc
5	Solar Water Heater rollout	Explore City of Johannesburg's rollout of 1000's of solar water heaters to low income households – understanding local manufacture, installation and maintenance approaches.
6	Landfill gas to energy	5MW landfill gas flaring and electricity generation project at the Robinson Deep landfill, City of Johannesburg; a public-private partnership development.

Each site will be a single visit, limited to 30 persons.

We will apply for English-French translation facilities for the trips.

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