



REGISTER NOW

BOOGAS

AFRICA FORUM 2016

11-13 JULY 2016 | SOUTHERN SUN MAYFAIR HOTEL, NAIROBI, KENYA

DISTRIBUTED ENERGY DEVELOPMENT WITH BIOGAS IN AFRICA

With its many ecological and societal benefits, biogas development for energy and fertilizer has gained much attention all over Africa in recent years. Commercial scale biogas projects have sprung up all over countries in Africa as governments study the viability of biogas to replace traditional energy needs and deal with waste.

The Biogas Africa Forum will offer a unique platform to meet the key stakeholders in the biogas value chain, from investors and financiers, to feedstock owners, project developers and technology providers. The conference will be the platform to share common experiences, deliver solutions and overcome challenges and transfer competencies,



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DISTRIBUTED ENERGY DEVELOPMENT WITH BIOGAS IN AFRICA

CONFERENCE | DAY ONE – 11 JULY 2016

08:30	Registration	14:00	Integrated energy solutions from Germany COMMERCIAL SCALE BIOGAS DIGESTOR DEVELOPMENT IN AFRICA
09:00	Opening Remarks Charles Keter <i>Cabinet Secretary</i> MINISTRY OF ENERGY AND PETROLEUM, KENYA		<ul style="list-style-type: none"> • Project success stories, • Challenges & solutions, • Anaerobic digestion for fibre based feedstock, • Waste-water treatment, • Economic/business case of biogas consumption, • Stable/reliable power supply
09:10	Welcome Remarks Michael Derus <i>Deputy Head of Mission and Head of Economic Affairs</i> GERMAN EMBASSY TO KENYA		REDUCING YOUR ENERGY BILL: INTEGRATED BIOGAS SOLUTIONS Frank Hofmann <i>Consultant</i> GERMAN BIOGAS ASSOCIATION
09:20	OVERVIEW OF THE BIOGAS SECTOR IN KENYA Eng. Issac Kiva <i>Director of Renewables</i> MINISTRY OF ENERGY AND PETROLEUM, KENYA		Bernd Renner <i>Director</i> RENNER CONSULTING & ENGINEERING
09:40	DEVELOPING THE RIGHT POLICIES AND FRAMEWORKS TO NURTURE THE GROWTH OF A SUSTAINABLE BIOGAS ECO-SYSTEM FOR AFRICA Chris Wilson <i>Climate Change and Energy Director</i> KEPSA, KENYA		Romas Radtke <i>Consulting Engineer</i> AKUT CONSULTING
10:00	CREATING POWER FROM BIOGAS – TECHNOLOGY AND INTERNATIONAL PROJECT EXAMPLES Alex Marshall <i>Group Marketing & Compliance Manager</i> CLARKE ENERGY	15:30	Networking Coffee Break
10:30	Networking Coffee Break	16:00	COMMUNITY-LED PUBLIC BIO-WASTE CENTRES – AN INTEGRATED APPROACH TO ENERGY, SANITATION & WASTE MANAGEMENT Fieke Geerts <i>Project Development Manager</i> BIOGAS TAITA
11:00	POWERING AGRICULTURE WITH BIOGAS Kenda Mwenja <i>Senior Advisor, Sustainable Energy for Food, Powering Agriculture</i> GIZ	16:30	CASE STUDY: ECOSAN IN AFRICA Lucy Wairimu <i>Consultant</i> ECOSAN
	Romas Radtke <i>Consulting Engineer</i> AKUT CONSULTING		&
	Mirik Castro <i>CEO</i> SIMGAS EAST AFRICA		Patrick P. Onyango <i>Sanitation Team Leader</i> GTZ-WSRP, MINISTRY OF WATER & IRRIGATION
12:00	WILL THE BIOGAS SECTOR HOLD ANY PROMISE FOR AFRICA David Jesse <i>CEO (Ag)</i> THE ASSOCIATION OF BIOGAS CONTRACTORS OF KENYA (ABC-K)	17:00	PROSPECTS AND CHALLENGES OF BIOGAS DEVELOPMENT IN NIGERIA Nina Chioma Ani <i>MD/CEO</i> AVENAMN LINKS INTERNATIONAL, NIGERIA
12:30	Networking Lunch	17:30	End of Conference Day One



DISTRIBUTED ENERGY DEVELOPMENT WITH BIOGAS IN AFRICA

CONFERENCE | DAY TWO – 12 JULY 2016

14:00 **OPTIONAL SITE TOUR: KEEKONYOKIE BIOGAS PROJECT**

08:30 Registration

09:00 PROSPECTS AND CHALLENGES OF BIOGAS DEVELOPMENT
IN UGANDA

Michael Ahimbisibwe
Senior Energy Officer
**MINISTRY OF ENERGY AND MINERAL DEVELOPMENT,
UGANDA**

09:30 PROJECT DEVELOPMENT KEY-POINTS FOR TECHNICAL AND
ECONOMICAL SUCCESS:
FEEDSTOCK, DIGESTATE, LAND AND ENERGY

Flore Bazin
Head of International Business
NASKEO ENVIRONNEMENT

10:00 BIOGAS BUSES FOR URBAN TRANSPORT

Michael Kibui
CEO
SARD LIVESTOCK

10:30 Networking Coffee Break

11:00 Funding and Financing
ACCESSING FINANCING AVAILABLE FOR BIOGAS
DEVELOPMENT IN AFRICA: BIOGAS PROMOTION FUND

Caroline Toroitich
Renewable Energy Sector Leader
SNV KENYA

11:30 THE BIOGAS VALUE CHAIN:
GETTING MORE OUT OF YOUR BIOGAS PROJECT

Vincent Choy
Secretary General
ASIA PACIFIC BIOGAS ALLIANCE

12:00 DOMESTIC BIO-DIGESTER MARKET DEVELOPMENT IN
AFRICA: ROLE OF MARKETING HUBS AND CUSTOMER
SERVICE CENTRES

Victoria Ndung'u – Ndirangu
*Monitoring & Evaluation Manager/
Carbon Credit Advisor*
AFRICA BIOGAS PARTNERSHIP PROGRAM

&

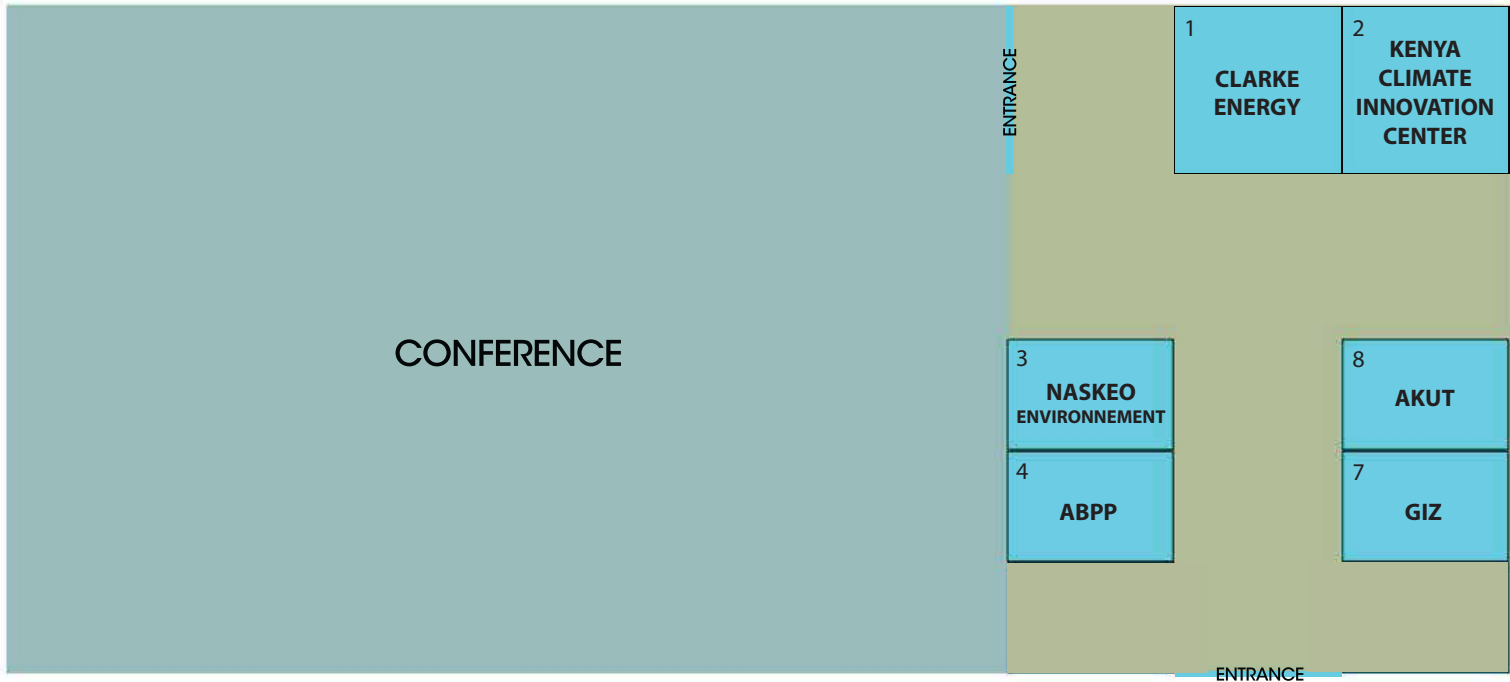
Kevin Kinusu Kinyangi
Programme Manager
KENYA BIOGAS PROGRAM

12:30 Networking Lunch & End of Conference



DISTRIBUTED ENERGY DEVELOPMENT WITH BIOGAS IN AFRICA

FLOORPLAN



EXHIBITION PRICE

06 SQM BOOTH USD 3,000
09 SQM BOOTH USD 4,000

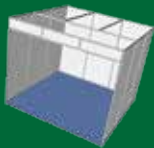
Includes 2 Conference Passes

STANDARD BOOTH

3m x 3m

Consists of:

Wall Panels; 1 x Reception Table; 2 x Chairs; 1 x Powerpoint; 1 x Spotlight; 1 x Waste Basket; Carpet Underlay; Fascia Sticker with Booth No.





DISTRIBUTED ENERGY DEVELOPMENT WITH BIOGAS IN AFRICA

GERMAN BIOGAS TRAINING DAY (GBTD) - 13 JULY 2016

The German company Snow Leopard Projects, the Nairobi based Strathmore University, KIRDI & Sequa GmbH are setting up a biogas training and information centre at the Strathmore University as well as biogas lab capacity at KIRDI to educate AD-plant operators and biogas laboratory staff in the long run. The project partners, together with the German Biogas Association (FvB), will conduct specialised technical trainings for operating staff of biogas plants in Africa and advanced students that are aiming at a career in biogas.

08:30 – 12:30 **BIOGAS BASICS**

08:30 – 09:00 Opening remarks, introduction of the Strathmore University, KIRDI and Snow Leopard cooperation project

09:00 – 10:30 Overview on biogas systems; basics on feedstock and gas yields, types of Biogas plants, components and machines, energy and fertilizer production

10:30 – 10:45 Coffee Break

10:45 – 12:30 Section about commissioning process / plant operation, feedstock handling, lab analysis of substrates, operation parameters, troubleshooting

14:00 – 18:00 **SAFETY AND QUALITY CRITERIA IN BIOGAS DEVELOPMENT**

14:00 – 16:00 Safety aspects in biogas plants, reliable and stable system operation, explosion and fire protection, risk assessment and mitigation, healthy operation

16:00 – 16:15 Coffee Break

16:15 – 18:00 Workshop: Practical session on the calculation and rough dimensioning of a biogas plant. The trainer will guide the attendees on creating a biogas dimensioning model from scratch. In the process substrates will be introduced and can be varied by quantity and quality, biogas yields and methane content will be added and energy production will be calculated. The result will be a biogas dimensioning model from substrates to energy production.



DISTRIBUTED ENERGY DEVELOPMENT WITH BIOGAS IN AFRICA

REGISTRATION FORM

GERMAN BIOGAS TRAINING DAY 2016

13 July 2016 | Deadline for registration: 27 June 2016

Participant

(Participation is limited to 2 representatives per company. The organisers reserve the right of rejecting participants in case of overbooked sessions.)

Surname of participant

Name of participant

Position / function of participant

Phone

Email

I wish to participate in the German Biogas Training Day featuring topics of Biogas Basics as well as Safety and Quality Criteria in Biogas Development on Wednesday the 13 July 2016 from 09:00 a.m. to 6:00 p.m.)

Company Details

Name of company / organisation

Website of company

Year of foundation

Fields of operation:

- Anaerobic digest Fermentation CHP Combustion Bio-fuels Agricultural waste
 Municipal waste Manure Plant material Sewage Green waste Food waste

Products/ Services:

- Project Developer Wholesaler Installation / Construction Financing Service Provider / Consulting

Annual installed biogas capacity in 2015

Overall installed biogas capacity (proven track record)

* Turnover in 2015 in USD:

- <20,000 USD <50,000 <200,000 <1 Mio >1 Mio USD

* Number of employees (full-time equivalent)

* *Voluntary fields*

Please return this form to pep@giz.de until 27 June 2016

Contact Person

Simon Bittner
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E: simon.bittner@giz.de



DISTRIBUTED ENERGY DEVELOPMENT WITH BIOGAS IN AFRICA

REGISTRATION:

- Training USD 100
- 2 Days Conference USD 200
- 2 Days Conference + Training USD 300

Delegate 1 Mr () Mrs () Ms () Dr () Other ()

First Name: _____ Last Name: _____

Job Title: _____ Department: _____

Telephone () _____ Fax () _____

Email: _____

Delegate 2 Mr () Mrs () Ms () Dr () Other ()

First Name: _____ Last Name: _____

Job Title: _____ Department: _____

Telephone () _____ Fax () _____

Email: _____

Approving Manager Mr () Mrs () Ms () Dr () Other ()

First Name: _____ Last Name: _____

Job Title: _____ Department: _____

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4 WAYS TO REGISTER

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Singapore 209274

EASY PAYMENT METHODS

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USD _____

Card No:

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Visa Mastercard

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Name on Card: _____

CVV/Security Code: _____

Signature: _____

Payment Policy: Payment is due in full at the time of registration. Full payment is mandatory for event attendance. Cancellations & Substitutions: Substitutions will be accepted at any time prior to the event. AEG will not provide refunds for cancellations. For cancellations received in writing more than seven (7) days prior to the conference, you will receive a full credit to be used at another AEG event for up to one year from the date of issuance. For cancellations received seven (7) days or less prior to an event (including day 7), no credits will be issued. In the event that AEG cancels an event, a full credit will be credited to the delegate for use at another AEG event. This credit is valid for one (1) year from the date of issuance. We reserve the right to change the venue and date of the event if required. AEG is not responsible for any loss or damage as a result of a substitution, alteration or cancellation / postponement of an event. AEG will assume no liability whatsoever in the event this event is cancelled, rescheduled or postponed due to a fortuitous event, Act of God, unforeseen occurrence or any other event that renders performance of this event impracticable or impossible. For purpose of this clause, a fortuitous event shall include, but not be limited to: war, fire, labor strike, extreme weather or other emergencies. Program Change Policy: Please note that speakers and topics were confirmed at the time of publishing; however circumstances beyond the control of the organizers may necessitate substitutions, alterations or cancellations of the speakers and/or topics. As such, AEG reserves the right to alter or modify the advertised speakers and/or topics if necessary. Any substitutions or alterations will be updated on our web page as soon as possible.