



CoJ Organic Waste Summit

04 July 2018

Jason Gifford

Steering Committee Chairman

www.biogasassociation.co.za

MISSION



"Creating a single voice to promote the multiple benefits of biogas in Southern Africa"

SABIA was established in 2013 to represent all stakeholders in the biogas industry in Southern Africa. The focus of the association is to identify and address the barriers and challenges faced by the industry, in order for it to develop to its full potential.

ROLE of BIOGAS?

Stabilise organic waste

Prevent nutrient pollution; soil and water courses

Complete the nutrient cycle

Create sustainable jobs

Support agri-industries

National energy mix

Distributed energy

Reduce GHG



PARTNERS



energy

Department:
Energy
REPUBLIC OF SOUTH AFRICA



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA



STEERING COMMITTEE

The association is run by an elected Steering Committee of 9 members. All the Steering Committee members are serving the association on a voluntary basis.



Chairman

Vice Chairman

Treasurer

Secretary

Steering Committee members

Administrator – UNIDO Sponsor

RESPONSABILITIES

The Steering Committee meets the first week of every month to plan and report back about the activities

- Development of the Biogas Market
- Support for development of Biogas Standards and Biogas Guidelines work, done by consultants
- Training courses
- Marketing of SABIA
 - Organize the National Biogas Conference
 - Active participation of NBP Working Groups
 - Support development of a Biogas Technical Forum

WHAT ARE WE UP AGAINST ?

- No feed-in tariff or government incentive scheme based on the real benefits of biogas industry (not only electricity production)
- General lack of awareness (both in government as well as private sector)
- Lack of local experience (particularly on operational side)
- Challenges around financial viability, specifically < 1MW
- Long approval processes (license, EIA, PPA, wheeling agreements, MFMA, etc)
- Funding reluctance from banks – market
- IPP process – complicated, costly, only above 1MW (most projects below 1MW)

WHAT'S GOING FOR US?

- Establishment of the National Biogas Platform and various working groups
- Creation of the Biogas Info Hub funded by GIZ
- First national biogas conference sponsored by DoE & GIZ
- Pro-active support from GIZ, UNIDO, USAID-SALED
- Growing awareness in all levels of government
- Better tariff for biogas in latest REIPPP round (R1.47/kWh) – BIG step forward but need direction from government
- Keen interest from European biogas companies and equipment suppliers to seek business in SA
- Positive entrepreneurial spirit in SA – biogas projects being built despite the challenges faced by the industry!

BIOGAS IN SA?



Feedstock; convert waste into resource

Technology; local & international

Reference Plants; micro, small (< 500 kWe), LARGE (> 500 kWe)

Both Public & Private

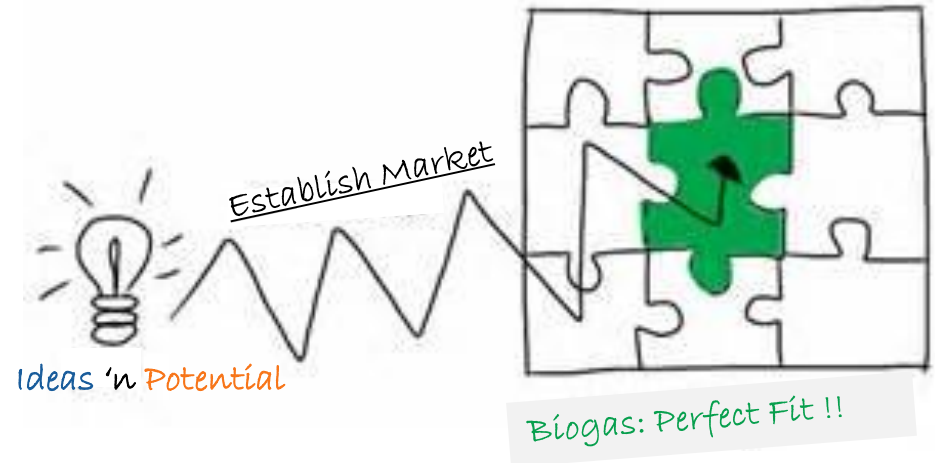
Finance; debt & equity

Market; what market??

CREATE BIOGAS MARKET

SABIA's No. 1 Objective!!

Strive to secure government backed market through valorising climate & environmental benefits & energy aspects of anaerobic digestion



Biogas offers multiple benefits that no other RE has to offer.

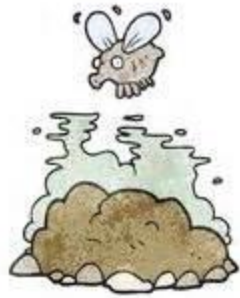
Currently sole value of anaerobic digestion is the energy content of the gas – Throw the net wider & engage more of government

FEEDSTOCK & MARKET

Cannot be mutually exclusive

Commercial projects must secure both

Project can be driven by either side



WHY JOIN SABIA?



The greater the number of members the stronger the SABIA voice.

Greater ability to lobby government to aid the firm establishment of the biogas industry in South Africa.

SABIA is working hard to create sustained value for all SABIA members.

Create a SAFE biogas industry

Hold industry accountable

Be part of the solution!
Affect positive change!

www.biogasassociation.co.za

MEMBERSHIP TYPES



Corporate sponsor: R20 000



Corporate & Institutional members: R2 000



Individual members: R1 000



Student members: R500

Which are you?

Thank you

To join SABIA and more information
www.biogasassociation.co.za

For questions please write to
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