



3rd National Biogas Conference

01 November 2017

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.

PARTNERS



energy

Department:
Energy
REPUBLIC OF SOUTH AFRICA



environmental affairs

Department:
Environmental Affairs
REPUBLIC OF SOUTH AFRICA



MEMBERS

Last year SABIA had 80 members made up of project developers, consultants, professionals, academics, students and other interested parties.



The new membership system is taking time to gain traction. Currently there are 20 paid members

PLEASE REGISTER ON THE NEW PORTAL

CURRENT MEMBERSHIP



Corporate sponsor:



Corporate members: 15



Individual members: 2



Student members: 2

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

UNIDO Supported Projects



In June 2017, the United Nations Industrial Development Organization (UNIDO) has awarded contracts to various entities to assist SABIA in meeting its targets.

- 1- Fachverband BIOGAS – Biogas guidebook & Training manual
- 2- GCS – Biogas Standards Development
- 3- Mark Tiepelt – SABIA administration assistance

RESPONSABILITIES

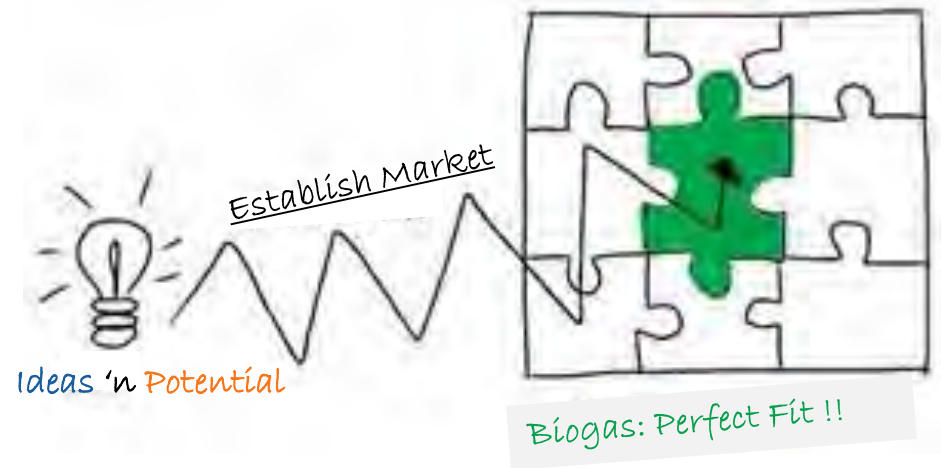
The Steering Committee meets the first week of every month to plan and report back about the activities

- Creating a market for biogas
- Organize the National Biogas Conference
- Support for development of Biogas Standards and Biogas Guidelines work, done by consultants
- Training courses
- Promotion of an incentive scheme for the development of the market for biogas
- Active participation of NBP Working Groups
- Support development of a Biogas Technical Forum

CREATING MARKET FOR BIOGAS

SABIA's No. 1 Objective!!

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



Biogas offers 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

NATIONAL BIOGAS CONFERENCE



Key highlight in the SABIA calendar.

This year completely over subscribed.
Change to annual event?

Proven to be an important gathering for the industry bringing together Public and Private Sectors:

Project developers,
consultants,
professionals,
academics,
students and other interested parties

SABS STANDARDS



SABS



South African Bureau of Standards

SABIA has worked over the past two years to develop the first two SABS Standards for biogas. Domestic standard draft complete

SABIA is now supported by UNIDO which appointed consultants to assist the development of Biogas Standards and Training of the Standards, to complement the standards.

UNIDO appointed consultants after a public tender process. Work to be completed under the direct guidance of SABIA.

TRAINING COURSES



SABIA now hosts training courses focusing on the immediate needs of the industry.

A main focus is on the training of biogas plant operators and SABIA will hold short courses regularly.

SABIA and partners are developing a biogas curriculum for tertiary institutions as part of post graduate studies.

NATIONAL BIOGAS PLATFORM

Initiated in conjunction with DoE and GIZ.

Brings together public and private sector to help build capacity within the biogas sector in South Africa.



Resulted in the addition of the Biogas Information Hub on the SABIA website.

Please refer to the SABIA website for more information.

BIOGAS TECHNICAL FORUM



SABIA members can join the biogas technical forum to share experiences and learn from others in the SA biogas industry

The forum aims to create the right space to share information between owners, developers, designers, contractors and operators about the difficulties and the success stories typical of every new biogas projects or plants already in operation.



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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 on the small scale (< 1MW)
- Long approval processes (license, EIA, PPA, wheeling agreements, MFMA, etc)
- Funding reluctance from banks (again for plants < 1MW)
- 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 on 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!

WHY JOIN SABIA?



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

Great 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.

Be part of the solution! Affect positive change!

Thank you

For more information or to join
www.biogasassociation.co.za

For questions please write to
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