



energy

Department:
Energy
REPUBLIC OF SOUTH AFRICA



Biogas

Media Invite

The Department of Energy, Development Bank of Southern Africa (DBSA) and the South African Biogas Industry Association (SABIA) Invites you to attend site visits to two biogas facilities as part of their efforts to inform and engage South Africans in *conversations around the challenges and opportunities* in the biogas industry.

Date: Tuesday, 22 October 2013

Time: 09h00 - 14h00

Where: Johannesburg Water [Northern Wastewater Treatment Works \(The WWTW\)](#) in Diepsloot

The Northern Wastewater Treatment Works **biogas plant has 3 biogas generators installed that produce 1.2MW of electricity. The WWTW** mainly collects and treats domestic sewage from Alexandra, Sandton, Randburg, the Northern areas of Johannesburg, Bedfordview and portions of Edenvale and Germiston.

Domestic sized biogas digester in Muldersdrift

Mark Tiepelt, Chairman of SABIA has been running his own **domestic size** biogas digester on his smallholding in Muldersdrift for the past four years. During this time his home has never purchased any additional fuel for cooking. The digester is fed with the raw sewerage from the property, kitchen waste, and manure from the horse stables in the area.

Transportation and a light lunch will be provided

This media Invite is issued by the Development Bank of Southern Africa and the Department of Energy

Please RSVP to Sheri Cohen at - E: sheri.c@arcaybm.com T: +27 11 480 8528 M: +27 71 683 1888 &

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About the site visits

The visits will be led by Mark Tiepelt, Chairman of SABIA. The site visits provide an opportunity to see carbon neutral biogas facilities in action. The process of converting organic waste into electricity and its benefits will be explained to the delegation. The site visits form part of the events leading up to the National Biogas Conference taking place from 30– 31 October 2013 at the DBSA Vulindlela Academy in Midrand. The conference, which will bring together local and international experts in the industry as well as policy makers from government, will seek to identify opportunities, barriers and challenges to developing biogas as a renewable energy source. The biogas industry has the potential to create an entire new industry in South Africa with a market potential estimated to be in excess of R10 billion. It therefore has a significant role to play not just in electricity generation but also expanding access to sustainable energy for all, job creation, skills transfer, carbon mitigation as well as local manufacturing in the Rural, Municipal, Agricultural and Commercial sectors.

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| Programme |
| Depart: 09h00 from 3 Anerely Rd, Parktown Corner Oxford and Anerley |
| Arrive : 09h45 at Northern Wastewater Treatment Works Tour of facility conducted by Northern Wastewater Treatment Works Project Engineer |
| Depart: 11h00 and travel to Muldersdrift |
| Arrive: 12h00 and view domestic digester Tour of digester conducted by Mark Tiepelt |
| Lunch: 12h30 |
| Depart: 13h00 travel back to 3 Anerely Place, Parktown |
| Arrive: 14h00 |