

WISA Anaerobic and Sludge Processes Division

Waste to Profit Workshop

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Bileen Nel

Yay Us Consulting Services

bileen@yay-us.co.za

0798862072

www.yay-us.co.za

Before we start



- Please ensure that all cell phones are switched off
- Delegates pack
 - CD
 - Registration forms
 - Feedback forms
- Sponsorships



Introduction



- Welcome and overview of ASP Division – B Nel (Yay Us Consulting Services)
- Anaerobic Digesters – Where do They Fit into Climate Change? – G. Borain (Umgeni Water)
- Clean Development Mechanism (CDM) – What Can it Mean for You? – G. Paul (ERM)
- Processing of Inorganic Sludge into Water Treatment Chemicals from Industrial Waters. Prof J. Maree (Rand Water Chair in Water Utilisation - TUT)
- Mechanical Sludge Dewatering Equipment – New Developments – Techrover (Pty) Ltd
- Summary and Close

Anaerobic Sludge Processes Division



- Specialist technical division of WISA
- Membership consists of professionals, engineers, scientists, students, operators.
- Promotes the exchange of ideas and information through workshops, conferences and publications.
- Members are encouraged to participate in the activities and also to raise specific points of interest.



Scope of interest



- Sludge and residuals management
 - Management of organic and inorganic residues emanating from the treatment of water or other industrial process, including sludge or slurries emanating from the treatment of potable water, domestic wastewater and industrial effluents as well as processes generating concentrates and brines.

Scope of interest



- Anaerobic treatment of high strength effluents and sludge
 - This includes the anaerobic treatment of high COD effluents.
 - Anaerobic digestion of municipal sewage sludge to generate a stable product that can be used beneficially.
 - The division aims to improve the skills of operators and practitioners in the effective operation of anaerobic digesters

Scope of interest



- **Beneficial use of biosolids and residuals**
 - The division supports the sustainable recycling of stabilised sewage sludge (biosolids) and other residues

Objectives



- The division provides a communication forum for researchers, engineers and practitioners working in these fields.
- It strives to disseminate information from existing plants and processes; identify research needs; and encourage and acknowledge research.

Program