



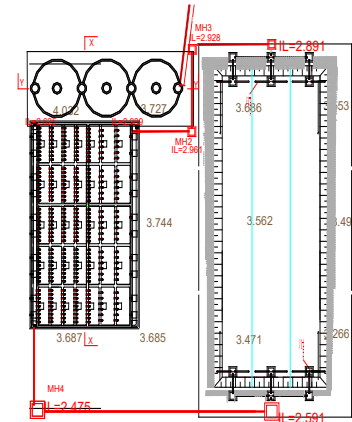
Decentralized Wastewater  
Treatment Solutions

## Project Fact Sheet



### Project Features

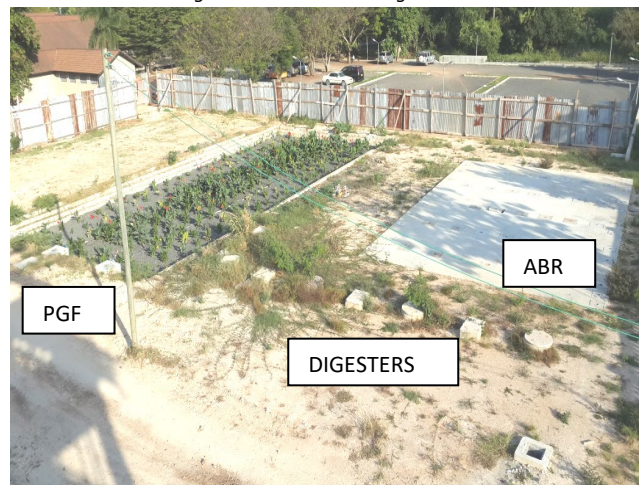
Project name:	<b>CCBRT-1</b>
Code:	TZ-RO-2010-CCBRT
Objective:	Provision of a sustainable wastewater treatment system & biogas provision for a maternity hospital.
Location:	Dar es salaam/Tanzania.
Role of BORDA:	Design & construction supervisions.
Implementing agency:	Estim construction co. ltd
Funded by:	CCBRT
Construction period:	Dec 2011 – Oct 2012
Construction cost:	≈ 77,632 €
Type of Construction:	Concrete, brick & block work.
Project status:	In operation.
Biogas source:	Sewage & kitchen waste.
Wastewater source:	Toilets, bathrooms.
Wastewater separation:	No.
Amount of wastewater:	≈ 86.9 m <sup>3</sup> /d.
No of users:	≈ 1200 people.
Effluent quality:	BOD≈30mg/l, COD≈60mg/l.
Reuse of effluent:	Gardens irrigation, fire fighting.
Biogas utilization:	For cooking.
Plant layout:	
✓ Biogas domes(3)	75m <sup>3</sup>
✓ ABR	400m <sup>3</sup>
✓ PGF	250m <sup>3</sup>



DEWATS plant layout plan



Biogas domes & ABR during construction



DEWATS plant in operation

BORDA Tanzania. Rose Garden Road, Mikocheni, Plot 312,  
P.O Box 105744; Dar es Salaam, Tanzania  
Phone: +255 222600234, www.borda-sadc.org