

Introducing PlanET Biogas Global

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PlanET your strong partner!



PlanET: Success in Figures

- 20 years of expertise
- 500 biogas plants worldwide
- More than 200 employees
- 5 international locations
- Prestigious Innovation Awards



PlanET Principles:

- + AAA Service
- + Inexpensive substrates
- + Maximum substrate yield
- + Best CHP efficiency
- + Low operating costs
- + Maximum remuneration

Σ your profit

PlanET's Biogas Portfolio



Agro-Industrial Plants



- CHP sizes from 75 kWe to several MWe
- Modular plant set-up for later extension
- Different concepts incl. heat use and satellite CHPs

Waste-to-Energy Plants



- Organic wastes
- Pasteurisation and sterilisation technology
- Valuable fertiliser
- Reduction of CO₂ emissions

Small scale Plants



- Fully equipped small digester
- Easy integration
- 30-75 kWe CHP
- Ideal as off-grid solution for remote areas or islands

Biogas Upgrading



- Pipeline or Fuel Grade
- Modular construction
- Independent upgrading technology consultancy
- Combination with CHP units is possible

Industrial & Municipal Effluent Plants



- Brewery Wastes
- Largest Industrial AD Plant in UK
- Biogas to CHP or Boiler Use
- Aerobic Treatment
- Reed Bed Systems

Feasibility Studies



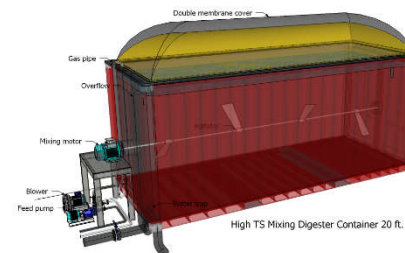
- Continuous or Laboratory Scale Testing
- Pilot Scale Testing
- Feasibility Studies
- Consulting and Assessments
- Health Check

Lagoon Biogas Plants



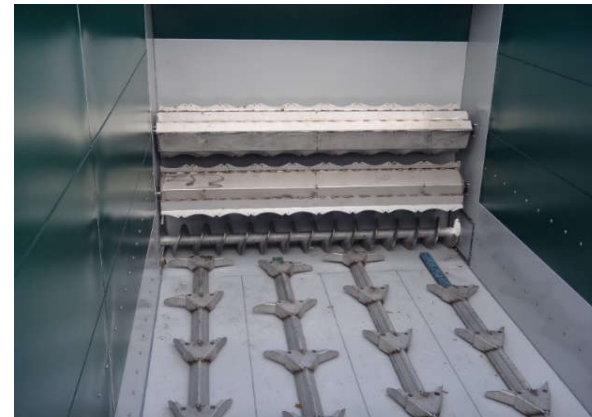
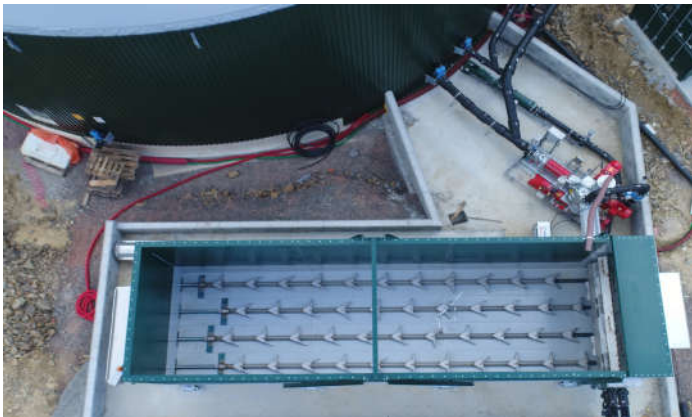
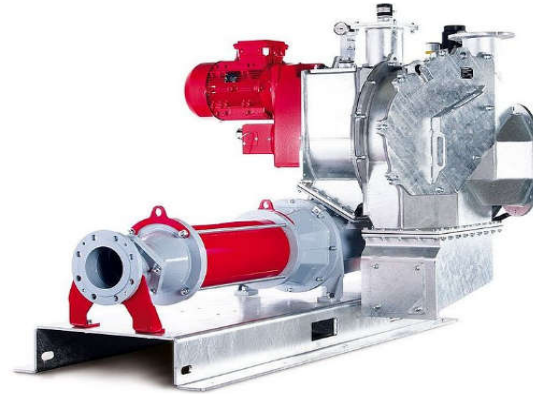
- Lagoon Based Biogas Systems
- Cassava Effluent
- Palm Oil Effluents
- Ethanol Wastes
- Any high volume, low cost applications

Small Scale Container based Systems



- Small Scale Systems
- Communities or Food preparation areas
- Gas for cooking or small scale appliances

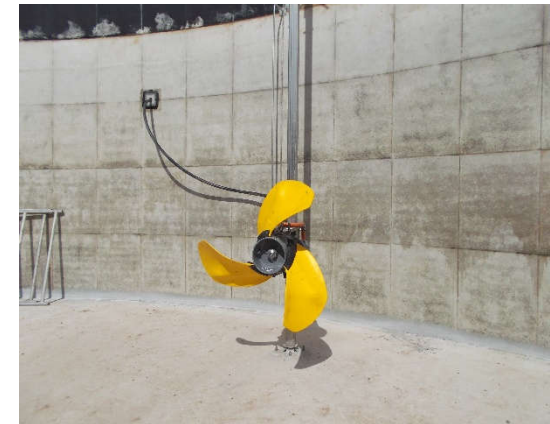
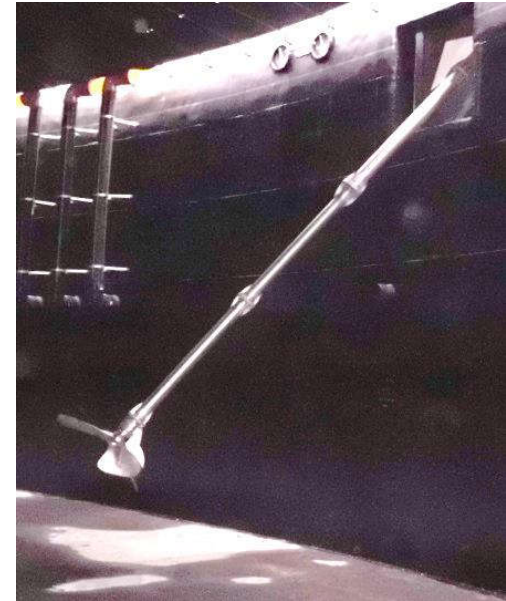
Feeding Technology



Different Feeding systems are available depending on nature of feedstocks (solid or liquid)

PlanET eco[®] mixers

- Vertical and horizontal mixers
 - Avoids floating layers
 - Different types for optimal mixing of different substrates
- Low/high speed mixers, submerged or side-mounted
- Low parasitic consumption



PlanET Small Scale Biogas Plant – The VALENTIN



- Fully equipped small digester for pumpable waste from food industry and agriculture
- Pre-fabricated plant modules
- Easy and quick construction
- Optional feeding technology
- 50-100 kW CHP or direct use of biogas for heat supply

PlanET Groot Zevert W2E Biogas Plant

- Input cofermentation products
- 5 digesters tanks
- 3 digestate storage tanks
- CHP 1.2 MW



**For further information please
visit our Web Site**

www.planet-biogas.com

or contact Dr. Leroff

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Thank you for your attention!

