RESULTS World leader in different agro-industrial sectors

Palm Oil sector Worldwide achievements

2nd POME Biodigester in the world

(Palmeras del Llano, Colombia, 1988)

1st Micro-aspersion liquid fertilization

(Palmar Sta. Elena, Colombia, 1991)

Lagoon-based biodigester for POME

CDM (+Gold Standard) project with POME

(Eecopalsa, Honduras, 2006)

Macro-drip liquid fertilization system (with remote monitoring)

Joint POME + Oleochemical Effluents biodigester

1st POME to animal feed plant

(SSP to Godrej, India 2018)

(AMSA, Colombia, 2014)

1st POME to powder biofertilizer (SSP, Faridabad, India 2019)

OTHER Biotec activities

OTHER AGRO-INDUSTRIES: sugar cane, distilleries, starch, citrus, fruits, meat,...

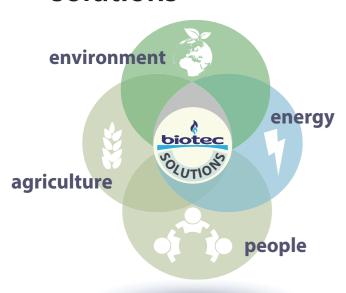
OTHER SECTORS: Gas Farms

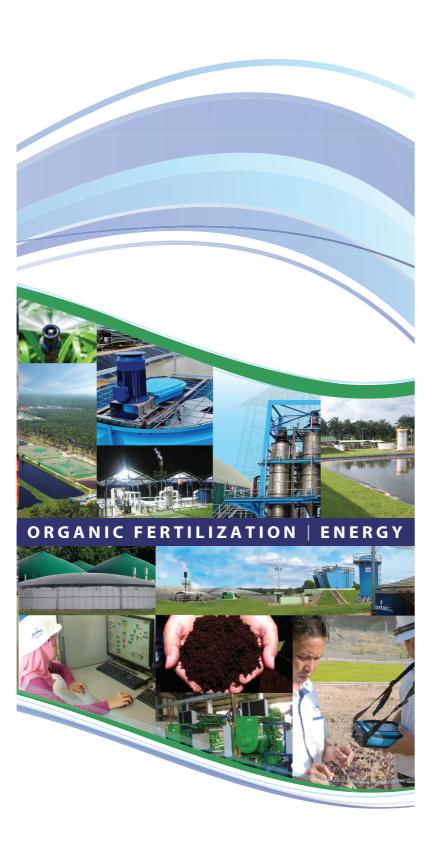
Renewable natural gas generation from grass and forage crops for:

- Local gas gridsLocal electricity grids
- Steam generation

Go to Agrogaz.com

SUSTAINABLE solutions











since 1984

35 YEARS OF EXPERTISE

EFFLUENTS AND BY-PRODUCTS TREATMENT / VALORIZATION

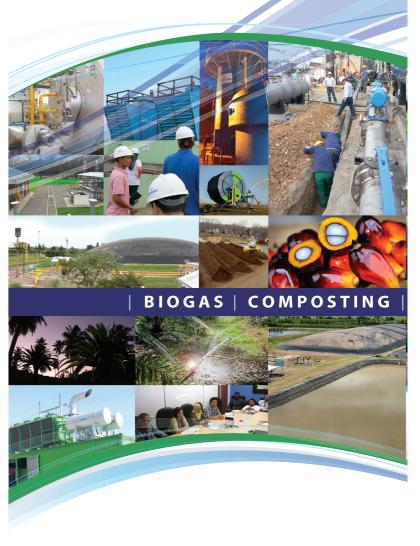
RENEWABLE ENERGY GENERATION **ORGANIC FERTILIZER PRODUCTION ZERO** DISCHARGE

contact us



since 1984

PALM OIL SUSTAINABILITY





BELGIUM | INDONESIA | MALAYSIA | COLOMBIA | HONDURAS

integrated management of organic matter

OBJECTIVE:

DISCHARGE

ENERGY VALUE:

15 m³ CH₄ 60 kWh TFFB

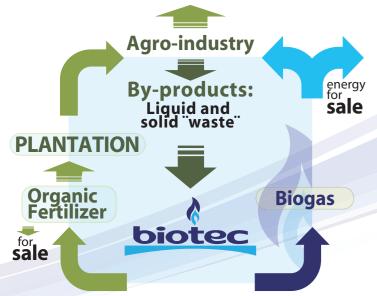
US\$

FERTILIZER VALUE:

US\$

BIOTEC Expertise

Main Products



OUR ACHIEVEMENTS and references

Over the past 35 years, we have successfully implemented worldwide projects, turning POME into steam or electricity, as well as into liquid or dry organic fertilizer.







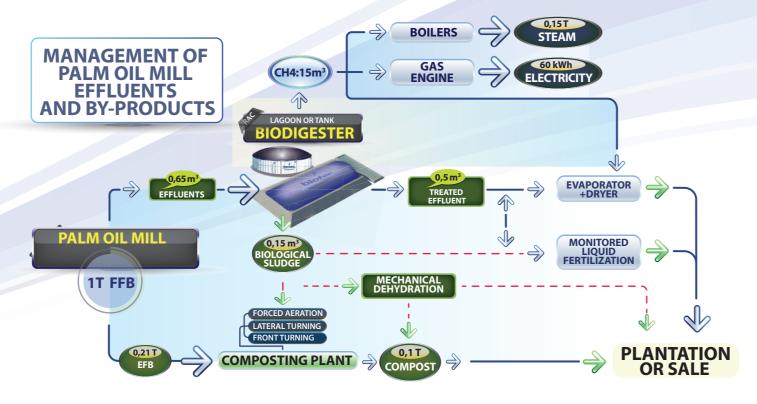












BIOGAS in tropical agro-industries

OUR TECHNOLOGIES











OUR SERVICES

CONSULTANCY

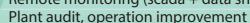
- Evaluation of the best byproducts management options for each mill (Feasibility Study = Conceptual Engineering)
- Current treatment solutions: evaluation and improvement (Rescue)
- Big Data: Set up of KPI for byproducts management KPI follow-up Management tools

EXECUTION (EPC-Engineering, Procurement, Construction/Commissioning)

- On a turnkey basis
- On a partial turnkey basis
- Engineering + Project Management

OPERATION AND MAINTENANCE

- Chief of Plant x 2 years
- Full operation team x 2 years
- Remote monitoring (scada + data sheets)







PROJECT CYCLE

