
PlanET
Welcome to PlanET
PASSION FOR BIOGAS

Biogas is Our Passion

As a globally active all-in-one provider of biogas plants, we see ourselves as problem solvers and partners for our customers. We take your project in hand and work with you from the very beginning – we offer custom-fit, high-quality, sustainable solutions.

- **Over 25 years of experience**
- **All-in-one-provider**
- **Biological laboratory**
- **Pioneer in climate protection**

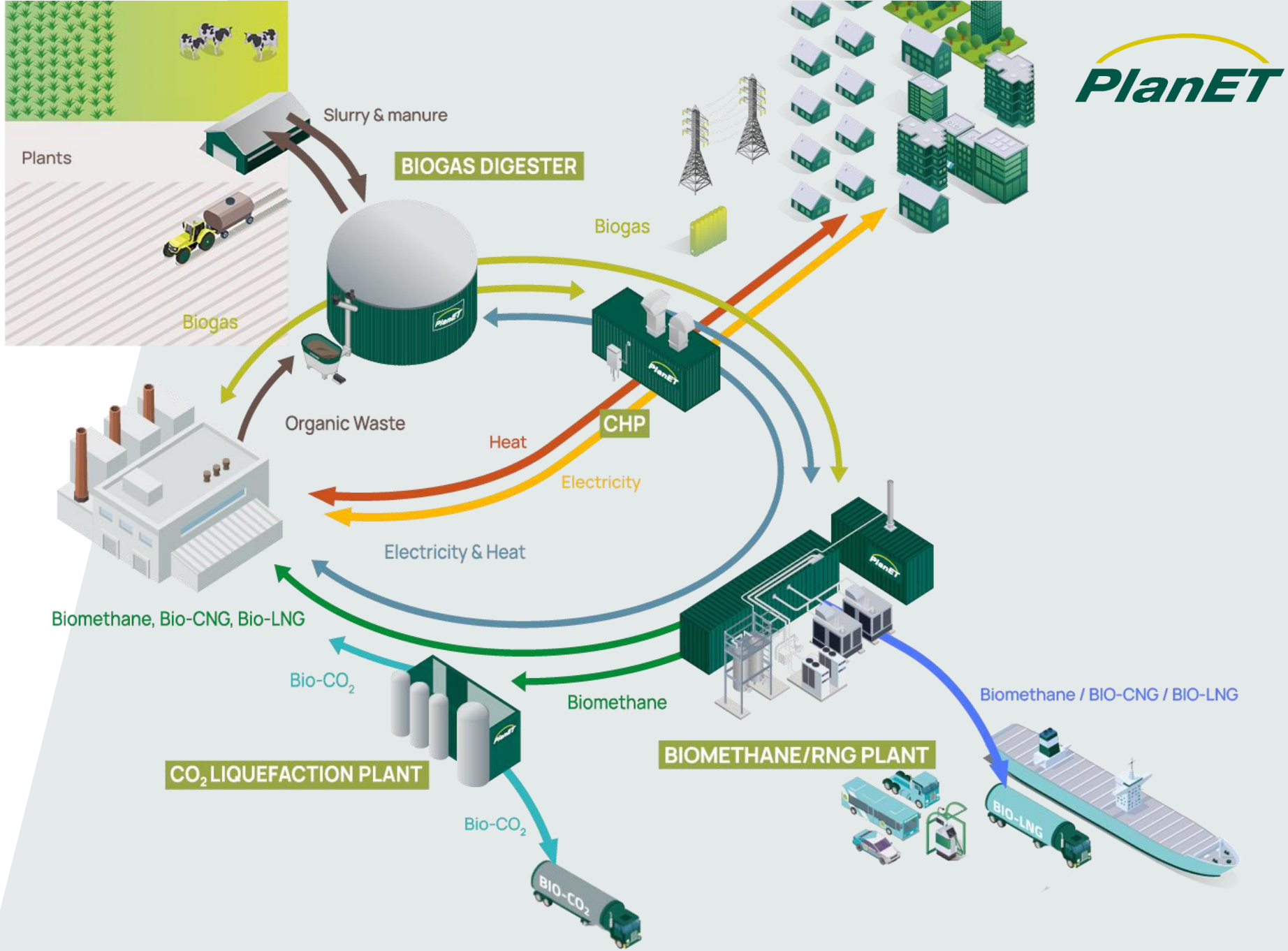


A global Player with local focus.

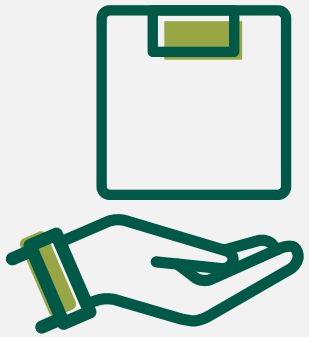
Deeply rooted in local networks – powered by strong partnerships and German engineering, built to deliver globally.



Usage
Path


Slurry & manure
Plants
BIOGAS DIGESTER
Biogas
Biogas
Organic Waste
CHP
Heat
Electricity
Electricity & Heat
Biomethane, Bio-CNG, Bio-LNG
Bio-CO2
Biomethane
Biomethane / BIO-CNG / BIO-LNG
CO2 LIQUEFACTION PLANT
BIOMETHANE/RNG PLANT
Bio-CO2
BIO-CO2
BIO-LNG

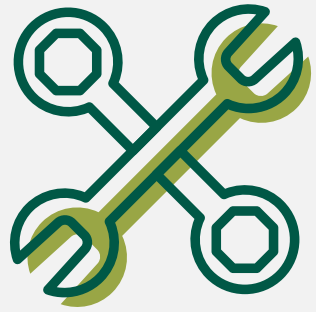
We are one of the world´s leading biogas companies.



- Consulting
- Planning
- Approval
- Engineering



- Biogas plant construction
- Development of technical components and industry solutions



- Biological support
- Technical service
- RePowering
- Training
- Certification

Spain: strong pipeline, real delivery barriers

100+ **projects in development**
versus ~30 plants operating today

MARKET TAILWINDS

- Abundant feedstock potential
- Existing gas-grid infrastructure
- Typical project size: 50–60 GWh/year
- Investor-led market

DELIVERY CONSTRAINTS

- No direct subsidy scheme
- Government support via gas-grid quotas
- Social opposition can slow projects

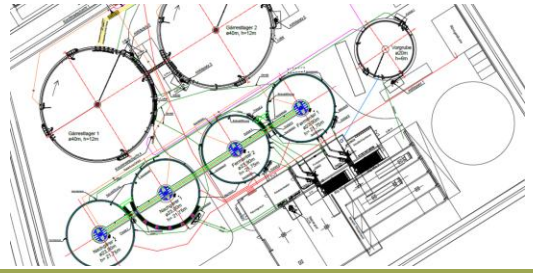
PROJECT MAP



Source: Google Maps project map

EPCM model for an integrated biogas plant

The Owner holds the package contracts; EPCM integrates delivery across the complete plant.



PROJECT OWNER

Investment • key decisions • direct contracts

management mandate



EPCM

ENGINEERING • PROCUREMENT • CONSTRUCTION MANAGEMENT

Cost & schedule • HSE & quality • interface management

AD — Anaerobic Digestion (Tier 1)

- Feedstock reception & pre-treatment
- Digesters, gas storage & digestate

CIVIL — Civil Works

- Earthworks, foundations & buildings
- Roads, drainage & site utilities

BUP — Biogas Upgrading Plant

- Gas cleaning & biomethane upgrading
- Compression, metering & grid injection

EPCM MANAGES INTERFACES Utilities • process tie-ins • controls • commissioning & performance

Introduction to Front-End Loading Engineering

FEL Engineering builds an investment-ready project, step by step

A standardized, client-aligned process resolves the right questions before capital is committed.

01	ALIGN	**Standardize the journey**	Develop the project in close coordination with the client through a clear, step-by-step process.
02	OPTIMIZE	**Select the right case early**	Identify the optimal business case and biogas process before late variants create rework.
03	GATE	**Control exposure**	Use defined exit strategies after each FEL phase to minimize cost risk.



CLIENT VALUE-ADD

Whole-project view

Plant solutions and business models considered together.

Cost control

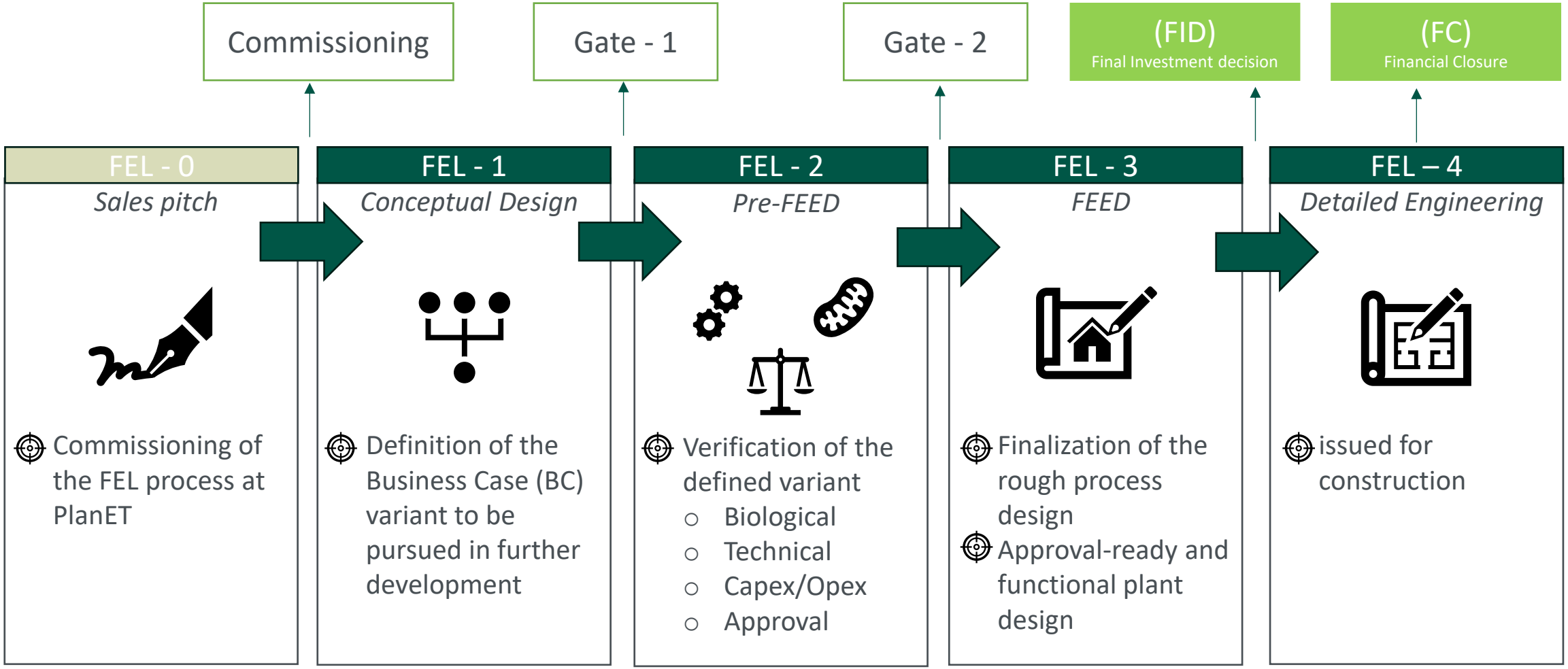
Exit options reduce follow-up work in later phases.

Faster decisions

Clear tasks and responsibilities shorten time to the final investment decision.

Internationally recognized project-development method

The FEL-Prozess as a Stage-Gate-Prozess



PlanET: one partner from concept to operation

Customized where it matters. Standardized for value.

PlanET combines site-specific design with complete delivery and lifetime support.

01	DESIGN TO FIT	**Concept + location**	Adapted to customer requirements, site conditions and environmental needs.
02	STANDARDIZE	**Replicable design**	Comparable circumstances enable a proven, repeatable biogas-plant design.
03	DELIVER COMPLETE	**All in one + efficiency**	One complete installation, optimized technology and a short construction period.
04	OPERATE & ADAPT	**Flexibility + service + academy**	Evolve over the plant lifetime with technical and biological service plus on-site training.

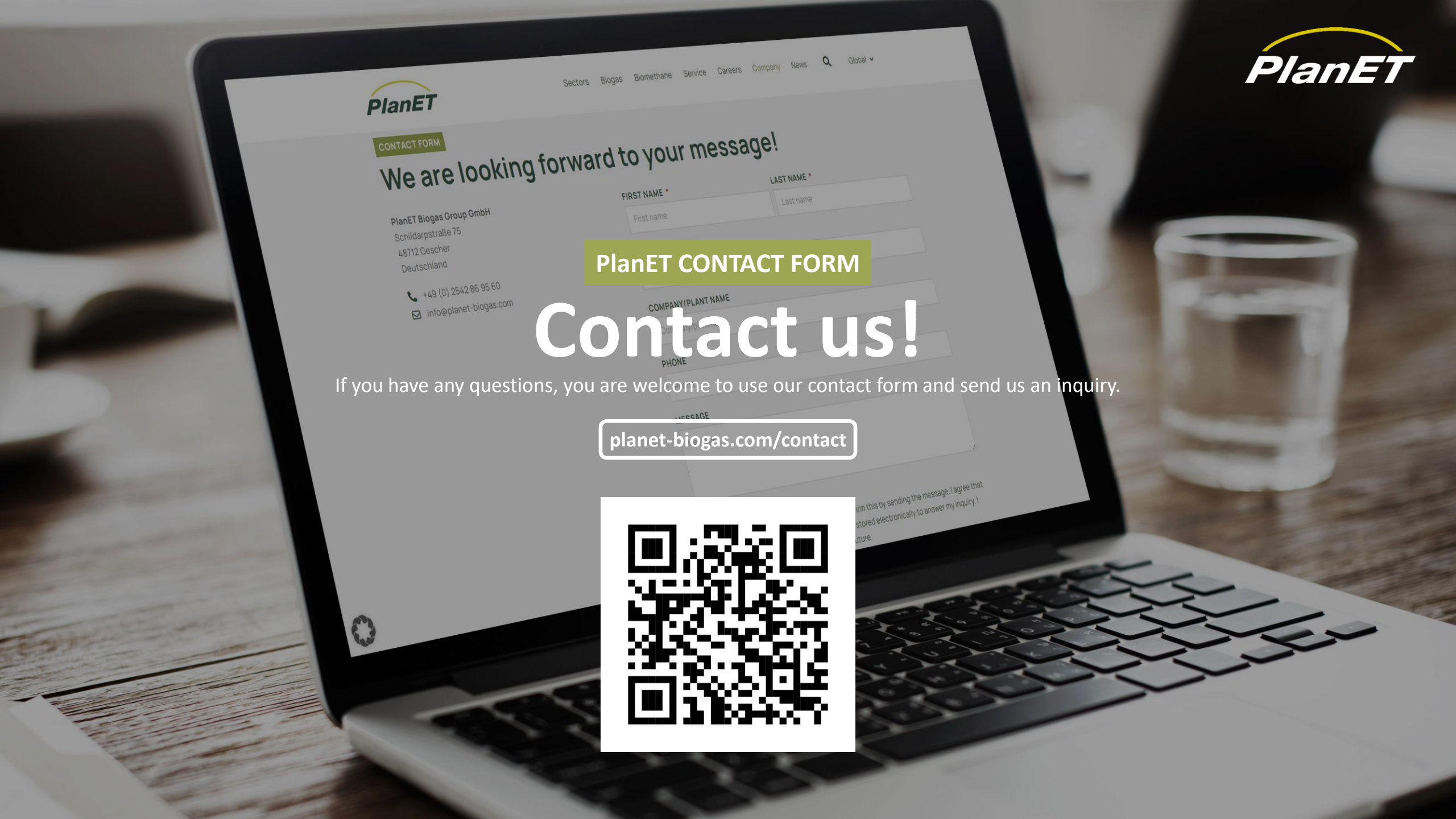
PlanET strengths: integrated responsibility, adaptable design and support beyond handover.

CUSTOMIZED PLANT DELIVERY



PROVEN EXECUTION





PlanET

PlanET CONTACT FORM

Contact us!

If you have any questions, you are welcome to use our contact form and send us an inquiry.

planet-biogas.com/contact