

**BTS Biogas, an Italian company with 25 years of experience in the field of anaerobic digestion, provides reliable and performing technological solutions for the biogas and biomethane market.**



BTS Biogas, a pioneer in the field of anaerobic digestion, with **over 250 plants constructed worldwide**, it has been able to establish itself internationally in the **development, design, construction and maintenance of biogas and biomethane plants**.

In 2019 the company was acquired by **Bioenergy Devco LLC**, a leading American company in the construction of anaerobic digestion plants, with an **important portfolio of development and construction projects**.

To strengthen its **presence in the relevant markets** and **provide on-site assistance**, BTS Biogas has opened its own offices in the **United Kingdom, France and the United States**.

The headquarters in Affi (VR) is equipped with a **laboratory specialised in biogas** and a vast **logistics centre**, with a spare parts warehouse, fundamental assets to better assist its customers.

BTS Biogas participates in **energy transition**, thanks to its biomethane plants that **transform waste into a resource** by carrying out circular economy projects.



Today, BTS Biogas employs in Europe over **100 people**, distributed between the headquarters in Affi (Verona), the office in Bruneck (Bolzano), and its companies in France and in the UK. In 2021 the company has established a new branch in the **USA**.



Warehouse and logistics centre


**4 offices**

IT - FR - UK - US


**25+**

Years of experience


**250+**

Plants all over the world


**150+**

Assisted plants


**25.000 smq**

Warehouse and logistics centre


**200 smq**

Laboratory


**170.000+**

Analyses carried out per year

Anaerobic digestion plants exploit **livestock wastewater, waste and by-products of the agri-food industry** (dairies, slaughterhouses, oil mills, industrial ovens, etc.) and **OFMSW** (Organic Fraction of Municipal Solid Waste) to produce **biogas**, from which **biomethane, electricity and thermal energy are obtained**. The outflow from the process is **digestate**, an excellent biological fertilizer, which closes the circle of the circular economy.

BTS Biogas' strategy is embodied in the following activities:

## DEVELOPMENT OF PROJECTS

Thanks to its **multidisciplinary team of specialists** (biologists, agronomists, engineers, experts on regulations and legal aspects) BTS Biogas is able to **develop plants** starting from the research and enhancement of biomass, from the engineering of plants to obtaining permits.

## REALISATION OF PLANTS

Characterised by high degrees of **efficiency** and **innovation**, BTS Biogas plants are designed according to specific **project needs**. The **type of biomass** to be used together with the need for **flexibility** and **reliability** of the plants guide the work of our engineers.

Thanks to a wide range of **cutting-edge technologies** for the pre and post treatment of biomass, the valorisation of biogas and the use of digestate, **BTS Biogas is able to provide tailor-made technical solutions**, which maximize production and consequently plant **profitability**.

## AFTER-SALES SERVICE

With BTS Biogas, customers can rely on a single **qualified interlocutor** to manage all aspects of the longevity and maintenance of their plants: **BIOLOGY, TECHNOLOGY and AUTOMATION**.

BTS Biogas provides complete **support** to plant operations that includes **performance monitoring** as well as **innovative solutions to improve yields**, intervening both on plants of its own construction and other technologies.

## METAN<sup>lab</sup> - THE FIRST BIOGAS LABORATORY IN ITALY

**200 square metres of laboratory equipped with cutting-edge technologies** to carry out all types of analyses necessary to govern anaerobic **digestion** processes and maximize yields through the study of optimal recipes and the use of **MICRONUTRIENTS**: this is METANlab.

Our laboratory also provides fundamental scientific support in the design of plants, **simulating and in continuous research into biogas production of new substrates**, of which there are no available literature data, **or complex recipes**, determining possible **inhibitions and/or synergistic effects** in the microbiological process.



**INVESTMENTS**  
**in the biomethane market**  
**INVESTMENTS in the future**

We develop projects,  
We buy plants

- Project development
- Participation in special-purpose vehicle (SPV)
- Acquisition of plants and biomethane revamping
- Strategic partnership

