










MBP
SOLUTIONS

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Editorial

By Jens Søgaard Jacobsen

MBP Sales Director and Partner

Technical knowledge and supply security

The Anaerobic Digestion or Biogas industry is continuously growing. It offers a sustainable way to handle most biological wastes and by-products, and results in the production of renewable fuel and energy, which is promoted by national policies in many countries. At MBP Solutions we aim to be your competent partner. We will provide clear answers about the origin of by-products based on our traceability systems and product understanding. More and more factories with biological by-products outsource the management and sales of their by-products to MBP Solutions. This means that we have growing volumes of AD feedstock for sale, and we can offer biogas plants a long term perspective in their feedstock sourcing. This is appreciated by AD plant managers, as they know that this is key to achieving “best in class” gas production.

MBP Solutions has an international profile and this means that we can often offer feedstock streams that would otherwise not be available. Our logistics department allows us to manage transports efficiently. Often we can obtain cheap transport by finding trucks with empty return loads or by combined transports ship/truck or rail/truck. Feel free to contact our sales people for a talk about how we can improve your gas production.

Extensive experience with substrates for biogas

MBP has an extensive track record and experience with a variety of substrates for biogas and biomethane production and is one of the major players in the area of industrial (non agricultural) feedstocks.

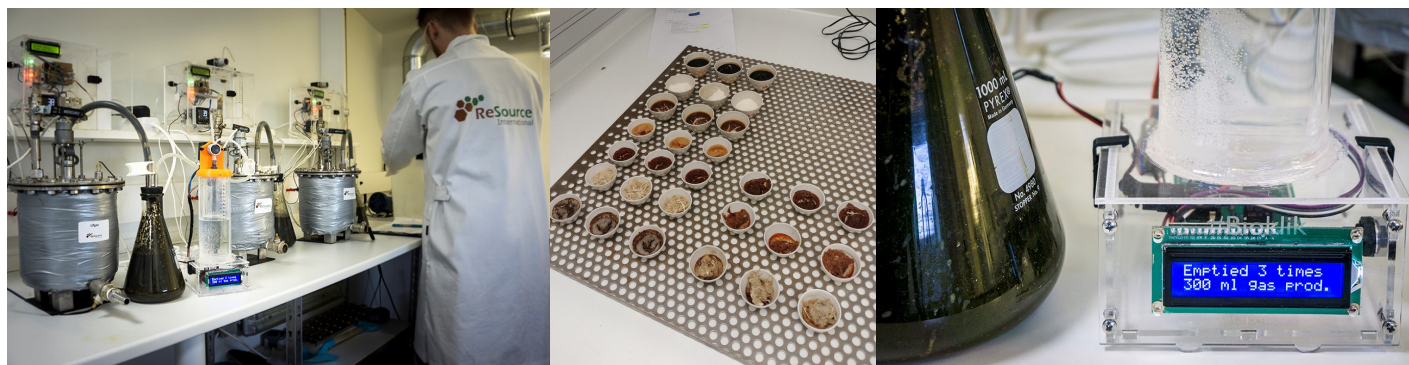
Different biogas plants have different needs. At MBP we know that what is the right solution for one plant may not be the right solution for another. We are also aware that over time a biogas plant may need different types of substrates according to the season, the stability of the plant or other operational considerations. Our substrates and co-substrates are derived from the animal and vegetable oil refining industry; from biodiesel production; the oleochemical and glycerine industry; as well as from some food production. In addition to substrate variety, we offer flexibility in delivery.

We offer a variety of substrates:

- Soap Stock
- Fat Residues
- Fat/Fatty Acids – Water Emulsions
- Crude Glycerine
- Glycerine By-products
- Alkaline Glycerin/G-Phase
- Bleaching Earth
- Lecitines / Phospholipids
- Waste Water Sludge
- Dry Products
- Starch / Protein Based

MBP continues to develop internal expertise on biogas

MBP has a strong 20 years experience in substrate solutions and continues to develop its expertise in the field of biogas. In collaboration with its partner ReSource International ehf., MBP has successfully developed in-house analytical services under the name ReSource Labs.



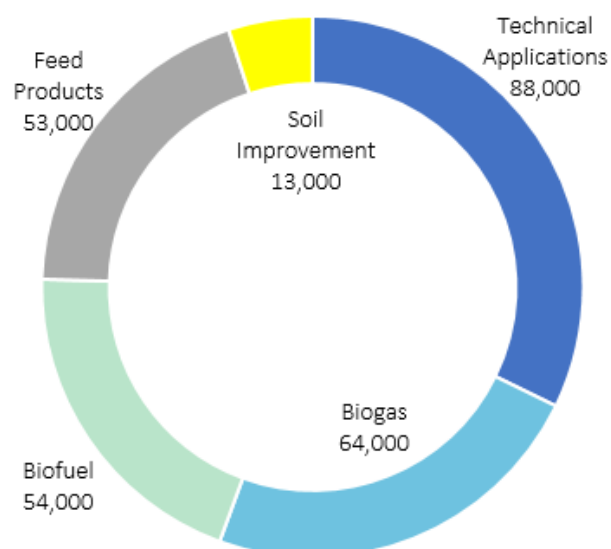
One of the major service development of the laboratory has been the setting-up of standardized biomethane potential tests (BMP). In order to meet demands for different type of service levels and timelines, short term BMP tests (BMP30) as well as long term BMP tests (BMP100) are available

For more advanced R&D projects, it is also possible to operate on demand continuous stirred reactors (CSTR) under laboratory conditions. A large type of samples has already been tested such as fish waste, fish slurry, glycerine, spent bleaching earth, lupine, etc. The laboratory is strategically installed on a new emerging biogas market of Norway in Oslo region.

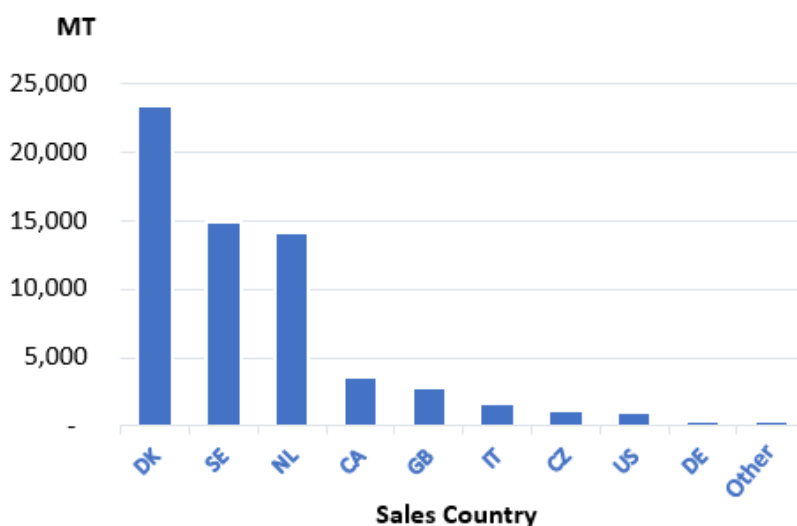
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 Tel: +47 98 90 49 47

MBP in Numbers - Jan'19 - Dec'19

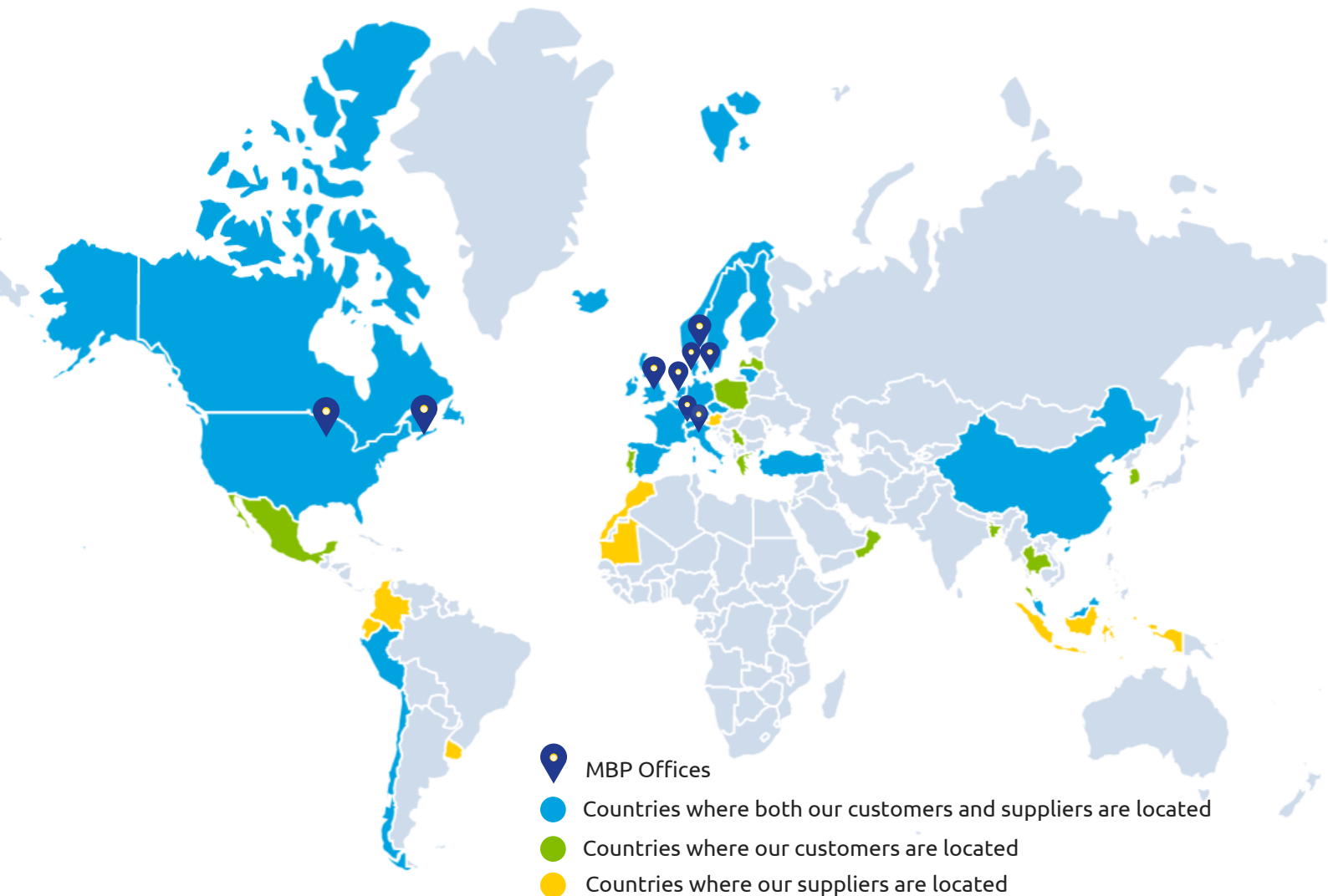
Sold Volume (MT) per Industry Market / Year



Biogas Markets



MBP in the world



Today MBP Solutions has become a world leader in the collection, handling, processing, production and application of biological by-products and related services.

Headquartered in Switzerland, MBP Solutions employs over 90 professionals; has offices in nine different countries; sells products in more than 50 countries; and handles over 200,000 tonnes of biological waste every year for a diverse range of clients, from manufacturing industries within food and beverage, biodiesel, oleo-chemical, pharmaceutical, omega-3 concentration and other industries using biological raw material.

MBP Solutions' OMBP Service is growing and gives biogas plants in Europe and North America long term feedstock security.

“

Helping to reduce mankind's impact on the environment by turning one industry's by product into another industry's raw material.

15.000

CUBIC METERS OF
STORAGE

272.000

TONNES
SOLD YEARLY

32

MANAGED OMBP
FACTORIES

9

MBP
OFFICES

90

MBP
TEAM MEMBERS

A Sustainable Business

We joined the UN Global Compact in November 2017, committing us to support and integrate the 10 principles as part of our strategy, culture and day to day operations.

We believe that the SDGs impact our business as much as our company can influence the achievement of the SDGs.

Consequently, we have committed to fully integrating the SDGs into our strategy and to joining global efforts to achieve these goals.

Our customers and suppliers benefit from MBP Solutions' sustainable and responsible business platform.



SDG addressed while working with biogas



Diverting waste from sewage/wastewater treatment: By-products sold as **biogas feedstock**



Implementing circular business models: By-product sales for **recycling and recovery**



Improving how industries generate and use energy, reduce waste and reduce their carbon footprint: By-products sold for **energy purposes**



Increasing supply chain resource security and efficiency: By-product sales for **recycling and recovery**



Complementing other companies with resources and solutions to achieve sustainable development: By-product sales for **recycling and recovery**

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Meet up with MBP

MBP participates in exhibitions and conferences, which are great opportunities to meet with us.



Biogaz Europe
January 29-30, 2020
Nantes, France



Palm and Lauric Oils Price Outlook
March 2-4, 2020
Kuala Lumpur, Malaysia



ExpoBiogaz 2020
October 28-29, 2020
Lille, France



Grofor
November 26, 2020
Hamburg, Germany

