



ISSUE 1  
2019

# MBP SOLUTIONS

LATEST INDUSTRY UPDATE - FEED

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## Editorial

**By Jens Sogaard Jacobsen**

MBP Sales Director and Partner

MBP's feed business is growing. Several factors are contributing to this. Global trends towards circular economy and focus on sustainability is a strong driver.

MBP's business is based on long term cooperation agreements with manufacturing industries. This is a good platform to build sustainable and reliable supply agreements with the feed industry that requires a long term supply.

MBP has developed a highly competent group of employees focusing on the feed products and customers. Industry experience and solid university feed educations ensure that our customers see MBP as a serious and reliable partner.

MBP has infrastructure in the form of dedicated feed tanks, operational people as well as our in-house laboratory that allows MBP to meet customer's requirements for delivery on time and on specifications.

MBP believes in documentation, sustainability and transparency. We see that this is a commitment, which matches the expectation of both our customers and our suppliers.

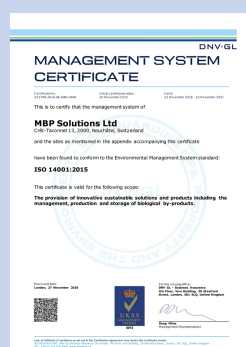
On top of our GMP+ and ISO 9001 and 14001 certifications we have in 2019 achieved as well chain of custody, COC sustainability certifications for MSC and IFFO-RS, which allows us to meet the highest requirements in the aquafeed industry for ASC, BAP as well as Global G.A.P certified feed plants. MBP is serious about our feed business and we are looking for feed customers that set high standards for this feed products. Do contact one of our feed consultants if you want to find out how one of MBP's products can improve your feed products.



GMP+ Certification



ISO 9001 Certification



ISO 14001 Certification



COC Sustainability Certification for MSC and IFFO-RS



## High Quality Feed Products



MBP Solutions animal feed-products are successfully used as ingredients for improving the final feed.

MBP provides high quality feed products produced mainly in **human grade plants**. Thus the quality management of the production is within the scope of various human grade certifications. In addition we assure that all production is in line with the standards and demands for production of animal feed.

Feed application for co-products is a superior advantage regarding sustainability compared to other applications. When it comes to sustainability, the use of co-products for animal feed is a very favorable application. All our animal feed products are high quality products, often more **concentrated** and with **improved digestibility** compared to regular raw materials. In addition the products have **high purity** and a very low level of contaminants.

We have several **unique products** that do not exist elsewhere on the market. They can be used in specific formulas and for a targeted group of animals, e.g. piglets and other young animals such as phase one for chicken.

To use our products in the formulas gives an economic advantage since it makes it possible to produce feed with better quality, which **improves the performance** of the animals. In some cases it is also possible to get a **cost advantage**.

We have high quality standards and also have full traceability, which ensures that customers can trust all our products and produce a **safe final feed**, which benefits the final performance of the animals and in the end contributing to a safe and healthy food for human consumption.

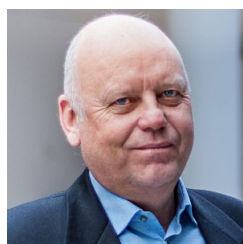
## MBP Feed Team



**MARIA SVANTESSON**  
Chief Nutritionist  
Global



**SUSANA MORALES**  
Key Account Manager  
Global



**MICHAEL RANKENBERG JAEGER**  
Sales and Procurement  
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**PERNILLA FOLKESSON**  
Sales - Animal Nutrition  
Scandinavia, North America



**JAN ROLIN FREDERIKSEN**  
Business Manager  
North America



**TATIANA POLETTI**  
R&D Aqua Nutrition  
South America



**JOE PLATT**  
Sales and Procurement  
UK



**BERIT RIISE LARSEN**  
Customer Service



**FRANCINE MITCHELL**  
Customer Service



**MALIN BRKIC**  
Customer Service



# MBP Feed products give possibilities!

## Aqua Feed



For Aqua feed we have a range of **fish oils** that is very competitive in fish feed production. We can offer fish oil with a guaranteed minimum content of Omega 3, according to customer's requirements. We can also offer several **speciality oils** with high levels of cholesterol and/or phospholipids. MBP can also offer top quality **fish meal** which has higher protein content than other products in the market and is extra purified. Our processed **oat meal** is another very interesting product for aqua feed. Tests have shown significant improved durability of the extruded pellet and improved waterstability as well. MBP recommends to exchange part of the wheat flour in favour of processed oat meal in order to improve the quality of the pellet. In addition the oat meal has a higher nutritional value.

## Pet food



For petfood we have our very highly concentrated **potato protein**, which is especially suitable in **grain free formulas**, and in highly concentrated feed, where the recipe is tight and there is a lack of space. We can also offer processed oat meal with extremely **high digestibility**, which is shown in tests. The oat meal is low in fibre which makes it perfect for monogastric animals with short small intestine and demand for higher digestibility. The oatmeal also improves the technical quality of the pellet, especially in extruded feed. We have also suitable **fish oils** to offer for pet food applications

## Cattle feed



For cattle we can provide **spent grains** directly delivered to farmers. The product is high in protein and fibre and has a special favorable impact for the rumen health.

## Feed for poultry and pigs



For poultry feed and pig feed the processed oat meal has a potential to greatly improve the final feed. In addition, the potato protein contributes with an **excellent amino acid profile** and a **high concentration protein** gives a stable good feed, which is important for both piglet and chicken in order to have optimal growth and health. To include the fish oil with a high omega 3 content in the **feed for sows** the last three weeks of gestation **improves the health** of the new born piglet and **increases the survival rate**. The fish oil in sow feed has a long term positive impact on the performance of the piglet all the way to after weaning.

All our products have very good palatability and will improve the consumption of the final feed when included in the formula.

**15.000**

CUBIC METERS OF  
STORAGE

**200.000**

TONNES  
SOLD YEARLY

**27**

MANAGED  
FACTORIES

**9**

MBP  
OFFICES

**90**

MBP  
EMPLOYEES

MBP KEY FIGURES



# UN Global Compact and Sustainable Development Goals

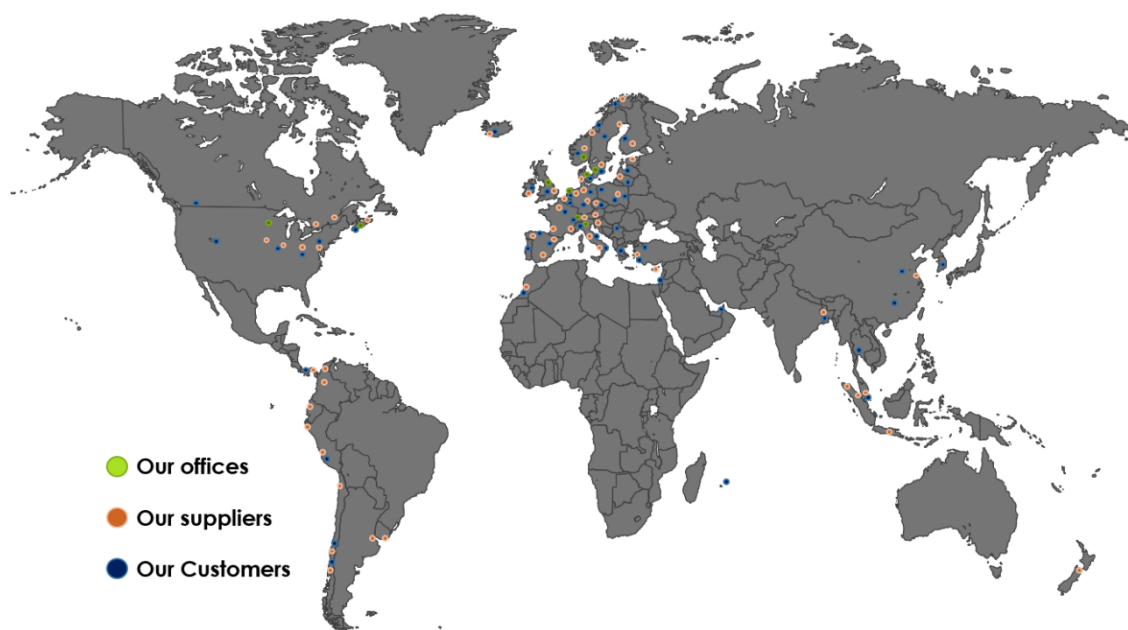
We joined the UN Global Compact in November 2017, committing us to support and integrate the 10 principles as part of our strategy, culture and day to day operations.



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.

## MBP in the world

MBP is a multinational company with 7 offices in Europe and 2 outside of Europe,



## Meet up with MBP

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



Petfood Forum  
April 29 - May 1, 2019  
Kansas City, USA



Vitafoods Europe  
May 7-9, 2019  
Geneva, Switzerland



Aqua Nor  
August 20-23, 2019  
Trondheim, Norway



IFFO's 59th Annual Conference  
November 4-6, 2019  
Shanghai, China



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