



# Innovation

We think differently, we challenge constructively and we innovate. We are always looking for a better way of doing things.

**MBP Solutions' OMBP customers are fast-growing, highly progressive businesses. As part of our outsourced management of by-products service we are always looking for ways to improve what we do for our clients in order to add value to our service and strengthen our relationships.**

## Sensor success

Together with its partner ReSource International, MBP Solutions has successfully installed remote monitoring of by-product containers at one of our OMBP customer's production sites.

The solution consists of level sensors combined with an online monitoring and data platform. The sensors are connected to an Internet of Things (IoT) network and they run on batteries; so there is no complex installation involved.

The customer does not have to spend any time on this and the system does not require any changes to be made in the Supervisory Control and Data Acquisition (SCADA) or to the production facilities. Our Business Coordinators are able to follow the filling rate by themselves online. By recording data over time, we are able to check if the container volume is sufficient for business operations, if production has stopped or accelerated and when the by-products are ready for collection. All without troubling the customer.

After a period of successful testing of the remote monitoring system, we will install further systems at additional sites. This project is an important step into the emerging new world involving the utilisation of the Internet of Things (IoT). And it reflects the on-going work being done by MBP Solutions to digitise and improve the fast-developing world of by-product management.

## LEAN

In MBP Solutions we are using LEAN thinking and management to support innovation and continuous improvement across all aspects of our business.

The essence of LEAN is pretty simple. Broadly, LEAN management can be described as a culture of continuous improvement in an organisation where managers and

employees work as partners to perform and improve everyday work, resulting in the delivery of maximum value to our customers.

Following the Lean principles, we focus on optimizing the flow of products and services through our entire value stream.

Our goal is to constantly improve every process by focusing on enhancing the activities that generate the most value for our customers while removing as many waste activities as possible. Waste seen in a Lean perspective can be described as all the actions and steps in any existing process which does not add value to the end-user or customer.

One feature of LEAN management is Lean Kaizen events. Each event is unique and can be very focused or very broad in scope. Every event requires unique preparation, change management, data collection, and facilitation needs. The key to a successful Lean Kaizen event is using a cross-functional team to prepare and plan before and during the event.

For example, between February and May we ran a Lean Kaizen event, all on-line, with a diverse group of MBP Solutions employees from three different countries and five different departments to examine UCO Collection for Sweden (Sveprol), focusing on single restaurants and restaurant chains.

During the event, several immediate improvements were identified, including customer management, collection planning, training. A great team effort with full engagement from all participants.