



EUROPEAN
REGIONAL
DEVELOPMENT
FUND

InnoCAPE

Case Study report:

Case study was made dec 15:th 2020



Contents

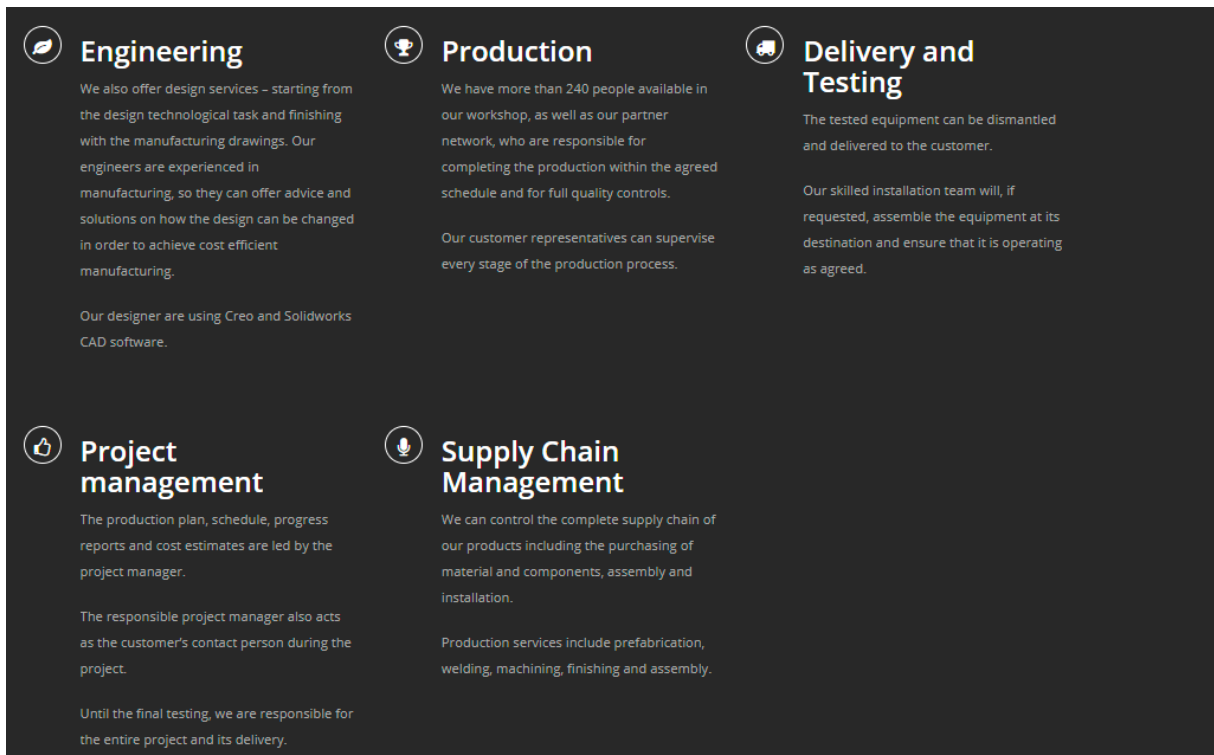
Monitor ERP System – The company	3
Monitor ERP System – The system	3
Reasons for digitalization	4
Challenges and their solutions	5

Arginta Engineering

Arginta Engineering was established in 1991 and from there growing as a production company of high value-added products. The company offers machinery/equipment manufacturing services to brands that are well-known worldwide. The top priority of the company is to provide the best quality products and reliability to its customers. Arginta has more 250 people employed in their workshops and has customers in Baltics as well as Netherlands, Sweden and Finland. The company is involved in a variety of industries: energy, pulp and paper, oil and gas, heavy lifting, construction, packing, wood processing, mining, sound control, water treatment, renewable energy and so on.

Arginta specializes in non-standard equipment manufacturing and sells manufacturing time (hours). The company offers open calculations based on the hours spent in the workshop. After assessing the manufacturing hours in each working center and multiplying this by an hourly rate, the accurate cost level for production is calculated. Working in this way provides the possibility to share experience with the customer in the best manner.

Arginta is an integrated manufacturing company with a full supply chain based on complex machinery and equipment.



Engineering

We also offer design services – starting from the design technological task and finishing with the manufacturing drawings. Our engineers are experienced in manufacturing, so they can offer advice and solutions on how the design can be changed in order to achieve cost efficient manufacturing.

Our designer are using Creo and Solidworks CAD software.

Production

We have more than 240 people available in our workshop, as well as our partner network, who are responsible for completing the production within the agreed schedule and for full quality controls.

Our customer representatives can supervise every stage of the production process.

Delivery and Testing

The tested equipment can be dismantled and delivered to the customer.

Our skilled installation team will, if requested, assemble the equipment at its destination and ensure that it is operating as agreed.

Project management

The production plan, schedule, progress reports and cost estimates are led by the project manager.

The responsible project manager also acts as the customer's contact person during the project.

Until the final testing, we are responsible for the entire project and its delivery.

Supply Chain Management

We can control the complete supply chain of our products including the purchasing of material and components, assembly and installation.

Production services include prefabrication, welding, machining, finishing and assembly.

Reasons for digitalization

Working with many customers and with complex products requires full control of Supply Chain as well as Project Management. To be competitive on an international market Arginta are using systems as Creo and Solid Works in the engineering phase. In production and production control as well as the whole supply chain management the Monitor ERP system is used. The system is well integrated with the production equipment (Industry 4.0).



Challenges and their solutions

While working with different customers and with different types of products and specifications the company has to have a spread of competence and system interoperability. While working with Creo and Solid Edge a wide range of customers can be handled. In the next step in supply chain integrations with ERP system gives comprehensive solutions and quality assurance. Still more integration can and will be done between systems to give full flexibility and transparency through the company, but the components are in place.

DIH activities

DIH (Sunrise Valley) can give Arginta engineering good support in their ongoing journey of digitalization!