

Intego A/S delivers a complete process installation to the world's largest biogas plant



500,000 tonnes of biogas is transported each year through Maabjerg BioEnergy, for which Intego A/S has delivered the massive process installation. The project turned out to be several times larger than initially planned, and Intego's extensive know-how and workforce were therefore critical for the successful installation.

In the early summer of 2012, the new plant for bio-energy opened in Maabjerg, north of Holstebro. The plant is the largest of its kind, and the same can be said of the installation work in connection with it. The work was put up for EU public procurement, with Intego A/S as the winner. "Intego was chosen, partly based on the price, and partly based on parameters such as quality and solid references", says Ove Vendelbo, Project Manager at Maabjerg BioEnergy.

A growing project

The installation project was originally supposed to be executed according to finished drawings and time

schedules, but some adjustment was needed. "The material that was prepared before the project start-up could not be used to the extent anticipated. For that reason, there was regular planning going on during the construction, with inspections and many adjustments of roof and cable channels before the actual execution of the project", explains Morten Nørrelund, Department Manager at Intego A/S. At the same time, the project kept growing and ended up being many times bigger than what we originally bid on.

1000+ components

The project involved a complete process installation, with cable installation, cable feeding, cables, safety switches and channels. "We also performed the physical installation and all testing", says Morten Nørrelund. The complexity of the project also grew, due to the many different separate parts to be installed in the large biogas plant. "It was a complex project that included up to 1,000 components, motors, valves, etc.", explains Ove Vendelbo.

Great flexibility in project execution

Maabjerg BioEnergy is extremely pleased with Intego's handling of the installation project. "The work grew tremendously compared to our original estimate, but Intego handled it both efficiently and very professionally. Their staff has been very flexible and has delivered solid quality work", says Ove Vendelbo.