



# Geothermal heating plant Aardwarmte Vogelaer



## PROJECT

Aardwarmte Vogelaer

## CLIENT

Verkade Klimaat

## PERIOD

June 2016 – March 2017

## LOCATION

Poeldijk, The Netherlands

## PROJECT VOLUME

approx. 16.000.000 EUR

## SERVICES

Basic & Detail Engineering /  
Installation planning

## BUSINESS UNIT

gec-co Plant & Equipment

## CONTACT

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## Project description:

In the area of Westland, an increasing number of greenhouse owners use the environmentally friendly geothermal power to deliver their greenhouses with renewable energy.

For the project Aardwarmte Vogelaer, gec-co Global Engineering & Consulting-Company GmbH was responsible for the extended basic engineering as well as detail engineering including the production drawings of the piping installation. In addition, gec-co executed the planning of the control and electrical engineering, Cause & Effect lists and the necessary part lists.

For the whole planning, Autocad Plant 3D was used. The P&IDs as well as the 3D modelling and the production drawings (pipeline isometrics) were designed with the help of this integrated software solution.

After commissioning and test phase, the as-built-documentation was completed and provided to the customer. To ensure safe and undisturbed plant operation, the results of a HAZOP study and a risk analysis were implemented.

