



Technical due diligence process for the geothermal project Aardwarmte Vogelaer



PROJECT

Aardwarmte Vogelaer

CLIENT

Aardwarmte Vogelaer BV

PERIOD

2016

LOCATION

The Netherlands (Poeldijk)

PROJECT VOLUME

15.000 EUR

SERVICES

Technical due diligence process

BUSINESS UNIT

gec-co Geothermal

CONTACT

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Project description:

Aardwarmte Vogelaer BV - a cooperation of several greenhouse operators in the Netherlands - aims to use deep geothermal energy out of 2.500 meters depth with thermal water at a temperature of 85 degree Celsius to supply greenhouses in the Dutch Westland with heat.

Within two weeks gec-co Global Engineering & Consulting-Company GmbH realized a technical due diligence process of the first Aardwarmte-Vogelaer-Project. The due diligence consists of:

- Thermal water system
- District heating
- Evaluation of wells
- Attached Degaser incl. boiler
- Effects of the deep geothermal project on greenhouses

Due to the assessment, the thermal water system was optimized for operation and maintenance (e.g. placement and usage of isolation valves).

Based on the very rapid processing, the optimization of project design and the enhanced assessment detail engineering and well site planning could be done in time.

