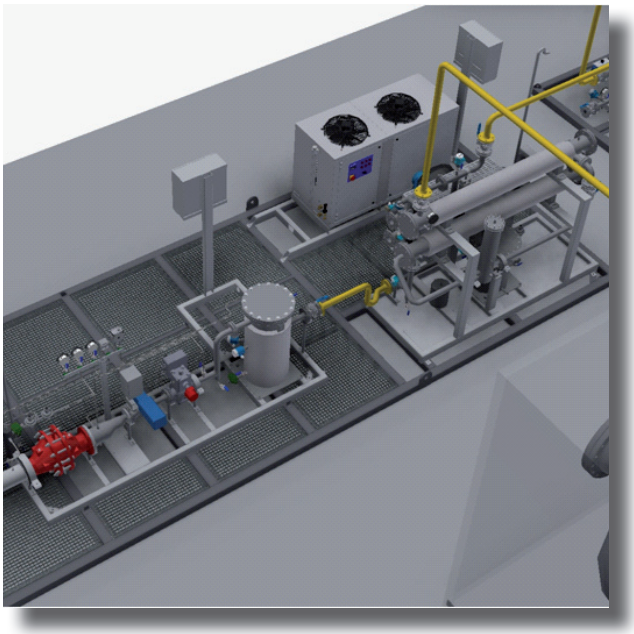
# Mobile Geothermal Plant (MGTP) - module DF

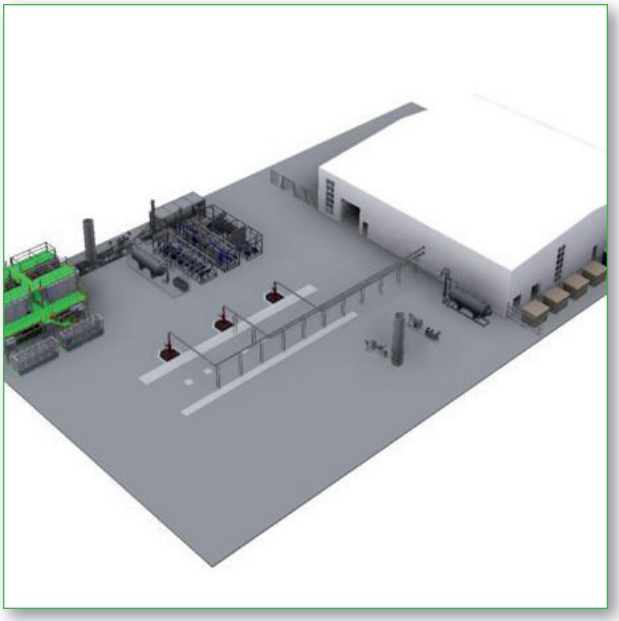
## Module DF - Geogas flare & HP Dryer

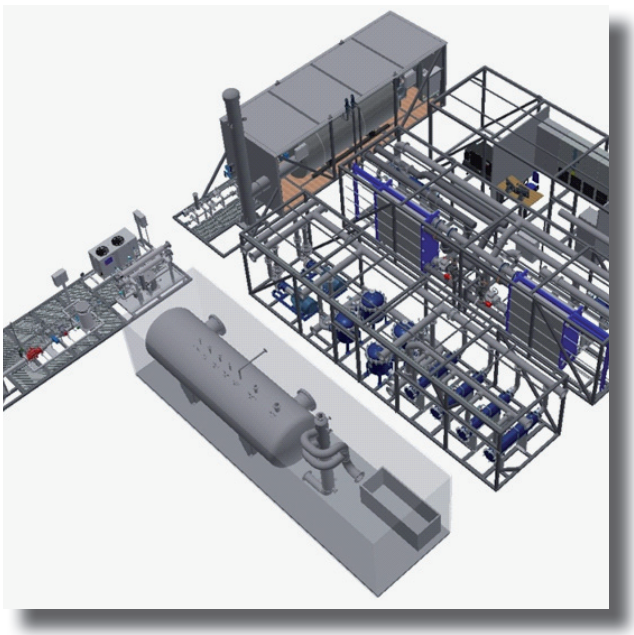
The warm and saturated geogas is gradually cooled in two steps. The dissolved water is condensed during the cooling of the gas. A specially designed filter is used to remove the water from the geogas.

The geogas is heated to lower the relative humidity. A filter specially designed by GtS removes the water from the geogas.

The geogas can be used as natural gas in a boiler or CHP. The gas torch is used as a backup system during downtime for maintenance or failure of the boiler or CHP.







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The MGTP (Mobile Geothermal Plant) is designed by GtS and built, based on many years of operational experience. It is a temporary geothermal installation consisting of six modules and can be deployed immediately after the production and injection wells have been drilled.

The MGTP can perform extensive well testing. The mobile installation can also immediately produce heat as soon as the first geothermal water is pumped to the surface. This allows the entire geothermal project to be shortened by six months and the specifications of the final installation can be determined more accurately.

**Advantages of the MGTP are:**

- no separate well tests required
- meteen productie van warmte, schoon water en geogas
- immediate production of heat, clean water and geogas
- no unnecessary loss of energy
- shorten geothermal project
- nauwkeuriger te bepalen specificaties definitieve installatie
- final installation specifications to be determined more precisely

The modules can also be used separately.