

Geothermica energy for circular food production

Publieke samenvatting / Public summary

Aanleiding

The profitability of geothermal projects can be affected by a wide range of factors, both external and inherent to the project. One of these factors - the sales of geothermal heat- is also known to affect profitability

Doelstelling

To increase the sales potential for geothermal projects, in order to influence their profitability.

Korte omschrijving

A research plant in the Netherlands and a demonstration plant in Iceland will be built and run during the project period. These plants will be used to validate mathematical models which will predict the best combinations of steps in a thermal treatment train depending on climatic conditions. The model will also be used to design systems using geothermal heat in Slovenia.

Resultaat

The GEOFOOD project showcases the opportunities of both applying sustainable geothermal energy to increase food production in highly productive systems and improving energy-efficiency through optimal configuration using choice of species, cultivation strategies and targeted technologies.

Projectinformatie / Project information

Projectnummer / Project number

TEHE117041

Subsidiebedrag / Grant amount

€ 730.221,00

Algemene informatie / General information

Penvoerder / Secretariat

Wageningen Plant Research

Volg Topsector Energie op X / Follow Topsector Energie on X

@TSEnergie

Voor meer informatie over de Topsector Energie, ga naar www.topsectorenergie.nl.

Voor meer informatie over de TSE / Energie-Innovatie regelingen die RVO aanbiedt, ga naar www.rvo.nl/tse.