



Geothermal Heat for Greenhouses

The Netherlands is the world's second-largest food exporter by value, and the country's 9000 hectares of greenhouses are a big reason why. But keeping those greenhouses the right temperature requires lots of energy, so developing alternative energy sources is a top priority in the country's efforts to meet its ambitious climate targets.

Soil and water below ground contain a vast reservoir of thermal energy. Geothermal heating systems recover this energy and convert it to heat that can be utilized in greenhouses and other buildings. The greenhouse sector is already taking steps toward using renewable energy, with several geothermal energy plants being developed in recent years.

Online
Session

Heat Academy Online Geothermal Heating in Agriculture Decarbonising Greenhouses in Practice

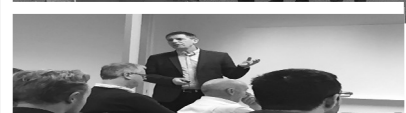
23 May – 15.00-16.00 UK time
(16.00 – 17.00 CET)

register@heatacademy.eu

This is the first in a new series of sessions organised in collaboration with the Geothermal Energy Advancement Association (GEAA). The aim is to increase the awareness of the opportunities in sourcing fully sustainable heat from the underground.

Geothermal heating works by making use of the heat available underground. It could be in the form of low or medium temperature heat from shallow sources, and then combined with heat pumps and energy efficiency retrofit solutions. It could also be from deep inside the earth where the temperature will be 100C or more. The warm water can then be used to heat greenhouses, reducing the need for natural gas and other fossil fuels.

At this session we will highlight the opportunities in applying deep geothermal in the agricultural sector thereby avoiding costs and risks related to fossil fuels. You will learn more about the technologies and business models available to make this work, as well as strategies for bringing a project from objectives to operations.



Heatnet Global – Heat Academy

Capacity building services in Heating and Cooling

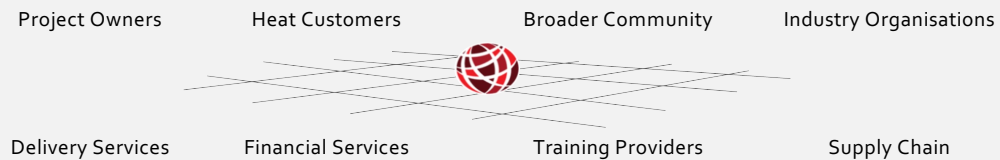


HEATNET GLOBAL is an international network of organisations and professionals all actively involved in the practical delivery of affordable solutions to decarbonise heating and cooling at scale. The community offers a range of services to bridge capacity gaps, thereby accelerating the process of reaching net zero:

Activity Areas

- ADVISORY – advisory services
- RESOURCES – resource pool and recruitments
- SOLUTIONS – technologies and services
- INTEL & NEWS – market facts and news
- HUBS – local business centres and logistics
- MODULAR – bundled system solutions
- CITIES – collaboration and exchange
- FINANCE – access to project funding

Facilitating Networking and Match-making



Capacity Building Services



Industry Knowhow and Resource Pool



Market Intel & Supply Chain Services



Training & Innovation Activities

Local, Business Hubs and Training Partners



THE HEAT ACADEMY is an international training and innovation platform offering a modular training concept on a broad range of topics related to decarbonisation of heating and cooling. Fully independent, the Heat Academy is based on a collaborative model involving partnerships with local colleges, universities, public institutions, energy operators, investors, and the wider supply chain. Following its mission to address the competence and capacity gaps in the sector, The Heat Academy facilitates collaboration through the sharing of best practice, technologies and reference cases.

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