



Who will build the heating grid?

Development of the heating grid in Greenport Venlo is a joint project between Etriplus, Alliander DGO (Etriplus shareholder), Agro-Energy (energy partner for greenhouse horticulture) and Wijnen Square Crops (bell pepper producer established in the California work landscape and owner of the 'Californië Wijnen Geothermie' geothermal source).

HOW CAN YOU PARTICIPATE?

Based on limited key data on your (forecast) energy requirements, Etriplus will present a proposal for your connection to the sustainable heating grid.

WHAT DO WE NEED?

- ▶ Your heating profile – the volume of energy you currently use or expect to use based on the design of your building, broken down for the entire year.
- ▶ Your utility connection costs for your gas infrastructure.

If interested, we will enter into an agreement of intent with you. If there are a sufficient number of participants, the heating grid will be installed. You enter into an agreement with us to supply geothermal energy. If necessary, we will temporarily supplying energy if installation of the heating grid does not coincide with your schedule.

WHAT DO WE ASK OF YOU?

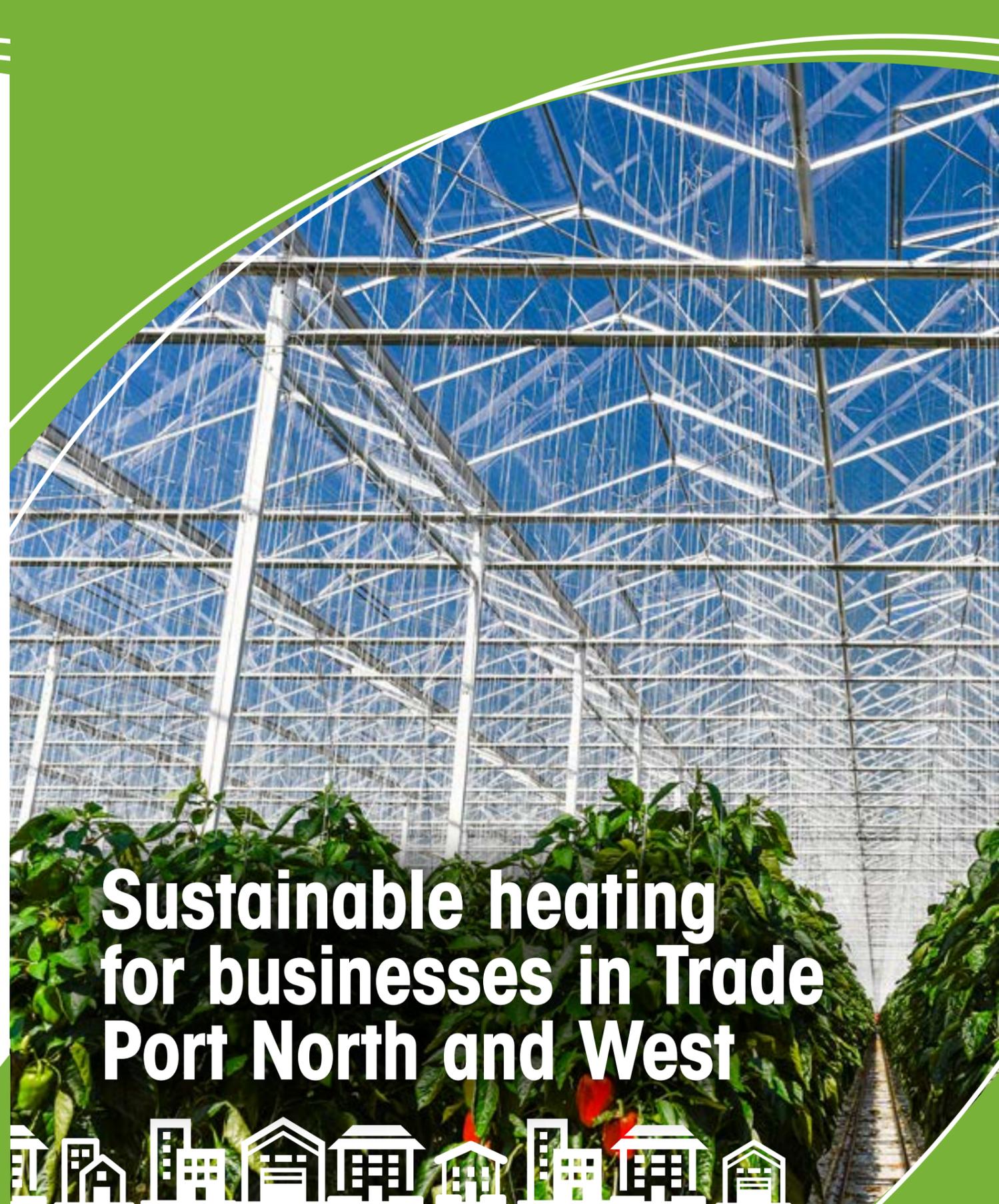
- ▶ Your building features a central heating system suitable for low-temperature heating.
- ▶ A heat exchanger and supply station are installed in your building.

WHO IS ETRIPLUS?

Etriplus is the energy development company for Greenport Venlo: the industrial estates for trade, logistics, agriculture and food northwest of Venlo. Etriplus helps organisations within this area to make their power supply sustainable. We do so by joining forces with them to develop interconnecting energy supply concepts and by presenting innovative solutions. In most cases, while these solutions cannot be realised by individual entrepreneurs, they can on the basis of a joint approach. The solutions offer entrepreneurs numerous benefits and help us to achieve our objectives in the long term: ultimately, we want Greenport Venlo to be self-sufficient in terms of generating its own energy supply, utilising sustainable methods accountable for at least 40%. Our three focal points are: solar energy, geothermal energy and wind.

ARE YOU INTERESTED?

Is your business located in Trade Port North or West, or are you considering establishing your business here? Would you like to find out whether geothermal energy would be interesting for your company? Contact Raymond Roeffel at Etriplus (info@etriplus.nl or +31 77 850 34 68) for a non-binding appointment.

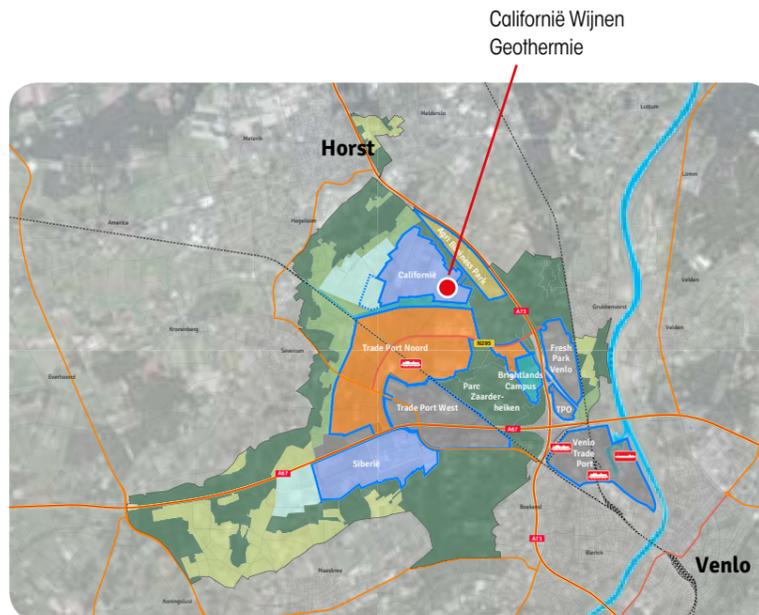


Sustainable heating for businesses in Trade Port North and West



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IS YOUR BUSINESS LOCATED IN TRADE PORT NORTH OR WEST? OR ARE YOU CONSIDERING ESTABLISHING YOUR BUSINESS AT THIS LOCATION? IF SO, YOU SHOULD CONSIDER HOOKING UP TO THE HEATING GRID THAT ETRIPLUS AND ITS PARTNERS INTEND TO INSTALL IN THIS AREA. YOU COULD THEN UTILISE SUSTAINABLE GEOTHERMAL ENERGY UNDER ATTRACTIVE CONDITIONS.

Trade Port North and West are work landscapes within Greenport Venlo, an area undergoing robust economic development. It makes perfect sense for a forward-looking region such as this to offer sustainable, future-proof heating. For this reason, Etriplus is preparing to install a state-of-the-art heating grid. This grid will supply sustainable geothermal energy from the California greenhouse horticultural area to Trade Port North and West. This brochure outlines the benefits and explains how you can participate. Together we can make Greenport Venlo greener.

GEOTHERMAL ENERGY: HOW DOES IT WORK?

Geothermal energy is released from the earth's core. To this end, two wells of approximately 2,500 metres deep will be created: a production well and an injection well. Hot water from an aquifer (water-bearing layer) is pumped up through the production well. Using a heat exchanger, the heat is then transferred to water which is transported to customers through a distribution grid. The cooled water is then pumped back through the injection well into the water-bearing layer where it is reheated.

SUSTAINABLE GEOTHERMAL ENERGY FOR TRADE PORT NORTH AND WEST

Two geothermal sources are currently utilised by agro-based enterprises within the California greenhouse horticultural area of Greenport Venlo. Through a heating grid, Etriplus intends to bring the heat from one of these sources (Californië Wijnbouw Geothermie) to Trade Port North, enabling businesses there to benefit from sustainable geothermal energy.



WHAT ARE THE BENEFITS?

Do you intend to establish your business in Trade Port North or West or is your business already established there? If so, geothermal energy may be an interesting option for you to consider.

Sustainable

You utilise sustainable energy and therefore contribute towards creating a better world. You reduce your CO₂ footprint. You show that your business is CSR compliant. Aside from creating a good image, there are financial benefits. Your building's BREEAM rating will go up. The BREEAM standard is applied to assess your building's sustainability. With a higher BREEAM rating, you will be able to secure funds to finance your business premises under attractive conditions.

Reliable

Geothermal energy offers a high level of supply security. What's more, a backup system will be available should the geothermal energy supply be temporarily unavailable for whatever reason.

Price certainty

The biggest share of your costs for geothermal energy consists of standing charges: costs related to using the infrastructure. The variable costs for heating therefore make up a smaller share than for natural gas. Only the variable component will be linked to the price of natural gas. When connected to the heating grid, you will therefore be affected less by price fluctuations: you will enjoy price certainty for a longer period.

At the outset, the total energy costs for sustainable heating are expected to be on a par with those for natural gas. The developments that follow will be determined by price trends for natural gas. Government policy is directed at raising taxes on fossil fuels. If this happens, you will be relatively better off with sustainable geothermal energy.

