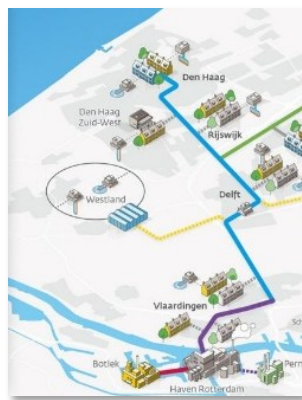
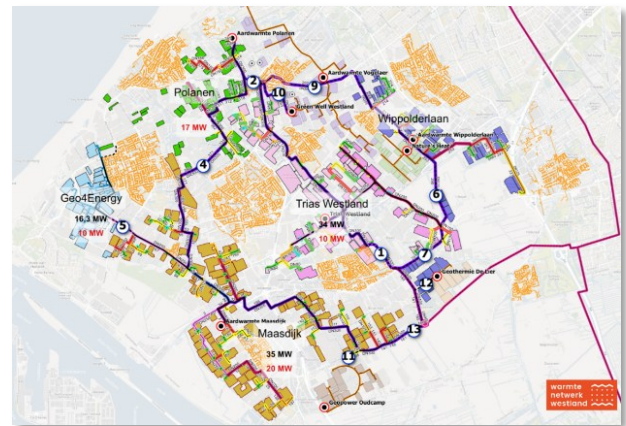


WNW - Warmte Netwerk Westland Heat Grid Westland



HEATGRID WESTLAND:

The municipality of Westland harbours the largest greenhouse concentration in the Netherlands. Making the greenhouse horticulture cluster more sustainable is vital for the future of Westland. With heatgrid Westland, a large part of the heat demand in Westland can be supplied CO2-free. The aim is to transport approximately 500 MW of heat (85°) by 2030. Not only for greenhouse horticulture companies but also for households.



GEOHERMAL & RESIDUAL HEAT

WNW has two shareholders, which are public utility companies, of which one also invests in sustainable heat production (mainly geothermal) in the Westland area, which will provide sustainable heat to the heat grid. Next to geothermal heat, the development aim for 2030 is to also receive residual heat from nearby industry and make this available for heating of greenhouses. The municipality of Westland is a shareholder in both public utility companies

TRADE PLATFORM

WNW is a so called 5-th generation heat network. Decentralized heat sources and buffers, geothermal energy, residual heat, heat pumps are used. To optimize the use of renewable heat WNW developed an online trade platform. This platform enables Greenhouse holders in the Westland to sell and buy heat that they need or don't need to other Heat grid participants. Users and producers together form a flexible energy system, in which the demand for heat is optimally coordinated. Smart technologies monitor the balance.



RE-Greenhouse is an Interreg NWE project aimed at accelerating the transition from fossil fuels to renewable energy in greenhouse horticulture. Follow the project website for more information.

