



## Comsof Heat

Software to plan & design district energy networks



Comsof Heat is a GIS-based automated planning and design software package for district heating and district cooling networks.



With Comsof Heat we can handle larger projects. We can do detailed design and build pack creation.

- Pieter-Jan Dewitte, Pipeline Engineer Rotterdam Engineering



### Why Comsof Heat?



#### Empowerment for rapid and cost-effective network design

Comsof Heat empowers municipalities, consultancies, and designers to rapidly plan and create cost-effective district heating and cooling networks that help reach Net Zero faster.



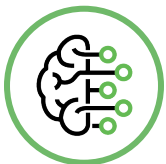
#### Global support for Net Zero goals

With over 20 years of experience in algorithm-driven network design software, IQGeo's Comsof Heat product team supports global Net Zero goals for the district heating and cooling industry.



#### Tailored optimization and expert support

IQGeo's Comsof Heat product team offers a tailored start-up phase, optimizing the software for specific design and business needs, and expert support to ensure success for customers.



#### Dedicated assistance for customer success

IQGeo's Comsof Heat expert support team is dedicated to helping customers achieve success with the software, providing ongoing assistance once the software is up and running.

# Features

Network topology



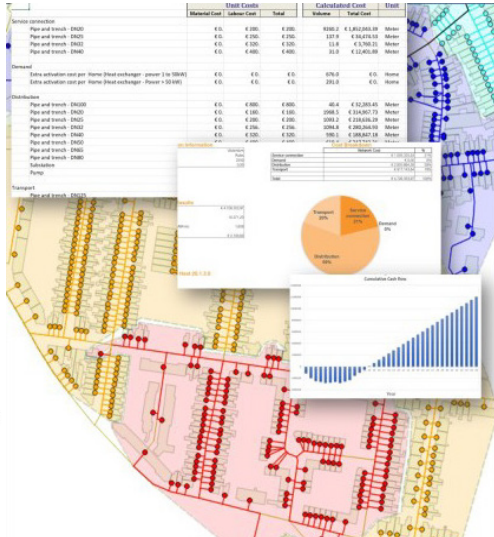
Network dimensions



CAPEX



Investment analysis



## Cluster connection points

Cluster connection points to interconnect with substations.

## Automate and cost optimize

Automate and cost optimize network routing at the street level - find low hanging fruit.

## Automated dimensioning

Automated network dimensioning and pipe diameter optimization.

## Generate a Bill of Materials

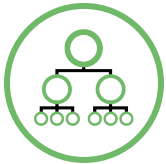
Generate a Bill of Materials with a network deployment.

# Benefits



## Create accurate budget forecasts

Comsof Heat has helped municipalities and consultancies generate accurate budget forecasts and comprehensive bills of materials that can be shared with their construction partners and finance teams.



## Quickly design feasibility studies

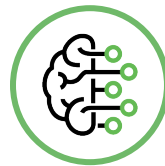
Create accurate, true-to-life feasibility studies that support your Net Zero goals. Comsof Heat's smart algorithms and wide range of rules let you quickly try out multiple scenarios and generate budgets.



Automate district heating network design while staying in control



Compare investment scenarios and reduce risks



Save time and optimize your network



Improve your business case and make better decisions