



DISTRICT HEATING IN COPENHAGEN

HOFOR - great ambitions for the climate

KEY INFORMATION

Customer

HOFOR - Greater Copenhagen
Utility, Copenhagen, Denmark

Time scale

2011-2019

Length

131 km

SOLUTION

Pre-insulated district heating piping
system

Steel pipes and isocu series 1, 2 & 3

Nordic alarm system - isoalarm
model 4500

SALES RESPONSIBLE

Bo Olsen

Mobile: +45 30702946

E-mail: b.olsen@isoplus.dk

Ambitious goal for sustainable heating

HOFOR provides district heating to the entire City of Copenhagen and covers 98 % of the capital's heating demand. The supply company has the ambitious goal of delivering 100% CO₂ neutral district heating as early as in 2025. Therefore, they are working on replacing fossil fuels with sustainable energy sources.

Since 2011, HOFOR has established more than 130 km of new district heating pipelines in cooperation with isoplus and renovated several existing pipelines, for instance by converting the steam network into a water-based district heating network.

Complete and fast progressing solution

HOFOR entered into a framework agreement with isoplus in order to ensure that the project objectives were achieved. The framework agreement covers the entire process from planning and design to delivery and installation of the pipes and leak detection system.

Laying pipes in the capital is a challenging job. Narrow streets and dense traffic allow little space, and the fitters often had to excavate to a depth of 5 metres to install the pipes. Fast progress of the installation work was important for the traffic, the residents and the business life. The construction of the Copenhagen metro was one of the project stages which increased our focus on completing the excavation and installation work as early as possible.

This is also the reason why our fitters did their utmost to speed up the installation work and developed customised branch solutions, which were often delivered on site the following day.

The isoplus group has more than 30 years' experience within the production of pre-insulated piping systems with low heat loss, delivered in accordance with the norms and demands of the industry. We are present in more than 30 countries around the world and have considerable expertise in meeting international as well as national standards. It is our ambition to be the fastest, most flexible and most reliable partner in the business.