

Fortum's Annual Report 2014

Fortum is an energy company highly committed to sustainability. We strive to respond to the needs of our customers by generating, selling and distributing low-carbon electricity and heat and by offering energy-sector expert services.

Reduction of environmental impacts

Construction, use and maintenance of the electricity and heat distribution networks impact the surrounding environment. Environmental impacts are reduced through careful operational planning and technology solutions and by adhering to environmentally benign ways of operating.

When planning a distribution network, the impacts on land use, the landscape and nature are taken into consideration. Through the planning, zoning and permit processes, the aim is to find the best solution for society for securing energy distribution.

Minor impacts from the district heat network

The environmental impacts of district heat distribution occur in the network construction phase. As in other construction projects in society, the nature of the impacts are temporary at the construction site. With the exception of occasional water leaks, there are no environmental impacts from the use of district heat networks.

Cabling reduces the electricity distribution network's environmental

impacts

In the construction phase of an electricity distribution network, environmental impacts are caused by things like the removal of trees, and by construction site traffic, noise and dust. Replacing overhead lines with underground cables reduces impacts on the landscape and on birds. The majority of waste materials generated in distribution network upgrades can be reused or recycled. Contaminated soil areas from transformer oil leaks are cleaned as quickly as possible. New transformers are equipped with oil trays that prevent oil from getting into the environment in accident situations.