

## Customer Reference



**ERICSSON**

**“We have worked hard to connect our Stockholm data centers to the district heating/cooling network to enable heat recovery of the excess heat. The vast district heating network in Stockholm provides an ideal and secure solution for heat recovery which is a perfect match with our data centers.”**

Jan Sjögren  
Head of Building Operation  
Ericsson GICs

At Ericsson’s top modern Global ICT Center in Roserberg outside Stockholm, a data center cooling solution provided by Fortum Värme has been chosen enabling recovery of the excess heat dissipated from Ericsson’s data servers.

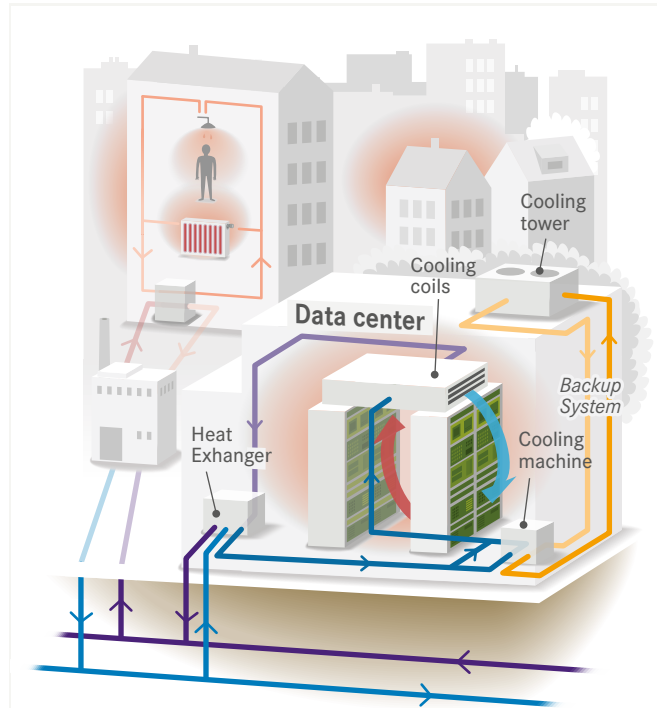
The first phase of the data center applied a separate set of cooling equipment in combination with free cooling. However, after careful evaluation Ericsson concluded that Fortum Värme’s cooling service in combination with the initially deployed cooling equipment for redundancy, would be more cost efficient since the data center heat is exchanged for cooling in a commercial transaction. The new solution will be used both for the first existing phase as well as the second phase, expected to be operational in 2017.

On top of the financial gain, and without compromising on the reliability of the solution, the heat recovery makes the data center solution one of the largest, truly green data centers in the world.

To meet the demands of Ericsson, Fortum Värme is investing in a separate, state of the art cooling facility with heat pumps just next to the Ericsson data center and close to its district heating network to allow for distributing the recovered heat to houses and offices in the Stockholm area.

In addition to the Global ICT center, Ericsson is using Fortum Värme’s cooling service with heat recovery for its data center facility in Kista. At that location, Fortum Värme provides 3 MW of cooling.

## Data center cooling with heat recovery



DATA CENTER

**Rosersberg**

COOLING CAPACITY

**10 MW**

COOLING WATER TEMPERATURE

**11 °C**

COOLING WITH HEAT RECOVERY

**8 000 h**

SUSTAINABILITY - MODERN  
APPARTMENTS HEATED

**14 000**

POWER GRID OPERATOR

**Vattenfall**

January, 2017

For more information about Fortum Värme’s Data Center Cooling Solutions, please contact [info@stockholmdataparks.com](mailto:info@stockholmdataparks.com)

