

Place 12/03/2018

## DigiPlex data centre to heat 10 000 Stockholm households

DigiPlex, the leading Nordic data centre operator, and Stockholm Exergi (formerly Fortum Värme), the leading heating and cooling supplier of Stockholm, Sweden, have signed a large-scale heat reuse agreement. The agreement is the world's first where an already operational data centre with an indirect evaporative air-to-air cooling solution, will be retrofitted to recover excess heat for the local district heating system. The agreement corresponds to heating up to 10,000 modern residential apartments.

A progressive data centre industry needs to use all means available to reduce its environmental footprint. Today, data centres are responsible for 2 percent of the world's annual CO<sub>2</sub> emissions and 3 percent of the power consumption.

*"Every time we browse the Internet, stream a TV series or use the cloud, a process starts in a data centre. If that data centre is a power-hungry fossil fuel-fired one that releases excess heat into the atmosphere, we as individuals are contributing to climate change. At DigiPlex we are very proud to lead the industry by using the excess heat from our Stockholm data centre to heat thousands of households. Digitization needs to support improved sustainability, and this partnership with Stockholm Exergi is a big leap forward, one that could enable residents' digital activity to contribute to heating their own homes," says Gisle M. Eckhoff, CEO at DigiPlex.*

*"The agreement with DigiPlex is a strong validation of our waste heat recovery program and Stockholm Data Parks. The partnership with DigiPlex shows that heat recovery to district heating systems is also compatible with indirect air-to-air cooling technology. It represents a key step towards our vision of using data centre heat to contribute to a more sustainable society. As part of our drive to make Stockholm fossil fuel-free, our objective is that 10 percent of Stockholm's heating needs shall be provided by recovered data centre waste heat," says Anders Egelrud, CEO at Stockholm Exergi.*

Close to ninety percent of all buildings in Stockholm are connected to the district heating network. The Swedish capital is one of the few cities in the world where large-scale heat reuse from major data centres is possible.

*"Digitalization must go hand in hand with the development of environmental technology. With Stockholm being in the absolute forefront of both fields this is a natural step for the city. Utilizing smart technological solutions to make the most of synergies between recovered data center heat and the city's heating needs is a part of the environmental objective to become fossil fuel-*

*free by 2040. I am determined to make Stockholm a major hub for sustainable data centers,” says Karin Wanngård, Mayor of the City of Stockholm.*

DigiPlex aims to set the standard for best practice within the data centre industry and represents the new generation of data centre suppliers. DigiPlex helps companies maximize savings through innovation while reducing their carbon footprint and environmental impact. DigiPlex' data centres are powered exclusively by sustainable sources of electricity and their new sites are some of the greenest and most energy efficient data centres in the world.

*“Sustainability is at the core of our DNA and heat reuse is the next innovative step in our sustainability journey. Adding the ability to reuse excess heat for residential and office housing will help customers in our highly energy efficient Stockholm data centre, which features the award winning Air-to-Air and Concert Control systems, to reduce their environmental impact even further. By working together with Stockholm Exergi, we will contribute to a more sustainable data centre industry that can contribute even more to the future of our cities and society at large,” concludes Eckhoff.*

DigiPlex has been the recipient of many of industry's top accolades. Most recently, it was awarded “Data Center Operations Team of the Year - Colo + Cloud” at the 2017 DCD Awards in December, which capped off a year of significant wins. Its position as a Nordic leader in its field was reinforced by winning “Data Centre Above and Beyond Award” at the DataCloud Awards in June. In May, DigiPlex won the “Outstanding Big Data Management Solution Award” at the annual Big Data and IoT Excellence Awards in London. In 2016 DigiPlex won the “Critical Environment Future Thinking Award” at the EMEA DCD Awards and “Most Innovative Energy Solution Award” at the DataCloud Awards.

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**About DigiPlex**

DigiPlex designs, builds and operates data centres in the Nordics. The company specialises in delivering best-in-class services to its customers by delivering tailored, secure and resilient environments with the highest possible availability. As a result, DigiPlex is trusted by public and private customers alike – including security sensitive organisations such as government and

financial institutions. All DigiPlex data centres consume only electricity produced from sustainable sources.

[Read more on www.digiplex.com](http://www.digiplex.com)

#### **About heat recovery and Stockholm Data Parks**

Stockholm Exergi has been promoting heat recovery since 1979, with IBM's data center as the first supplier of excess heat. Starting 2012, the work was intensified and a heat recovery offering named Open District Heating ("Öppen Fjärrvärme") was launched. In 2017, it was decided, in cooperation with the City of Stockholm, grid provider Ellevio and dark fiber operator Stokab, to launch Stockholm Data Parks to encourage major data center operators to locate in Stockholm with a view to performing heat recovery on a large scale. Examples of data center operators already supplying excess heat to Stockholm Exergi are Interxion, Ericsson and Bahnhof.

#### **About Stockholm Exergi**

Stockholm Exergi is Stockholm's local energy company, and is owned by the City of Stockholm and Fortum. We provide heating for more than 800,000 people in metropolitan Stockholm and cooling for more than 400 hospitals, data centers and other properties. Our 700 employees work together with our customers and the local community to provide the city with simple, safe and sustainable energy solutions. [stockholmexergi.se](http://stockholmexergi.se)

On January 9th, 2018, *AB Fortum Värme co-owned with Stockholms stad* changed its name to *Stockholm Exergi AB*. The name change has no impact on the company's legal status or the validity of existing agreements. There is no change in ownership of the company.