



Energy for the urban food system

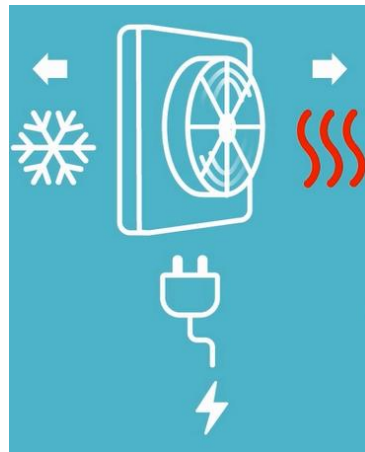
Sonny Strömberg, Senior Key Account Manager

2018-08-19





Ph.D Per Rosén, Inventor of ectogrid™



Cooling equipment
expels excess heat



Simultaneous heat
demand – Fulfilled by
combustion

e-on

Conventional cooling



Infrared spectrum

Visual spectrum

e-on



Combining benefits of well-known systems/components



ectogrid™

Shared energy for a sustainable city

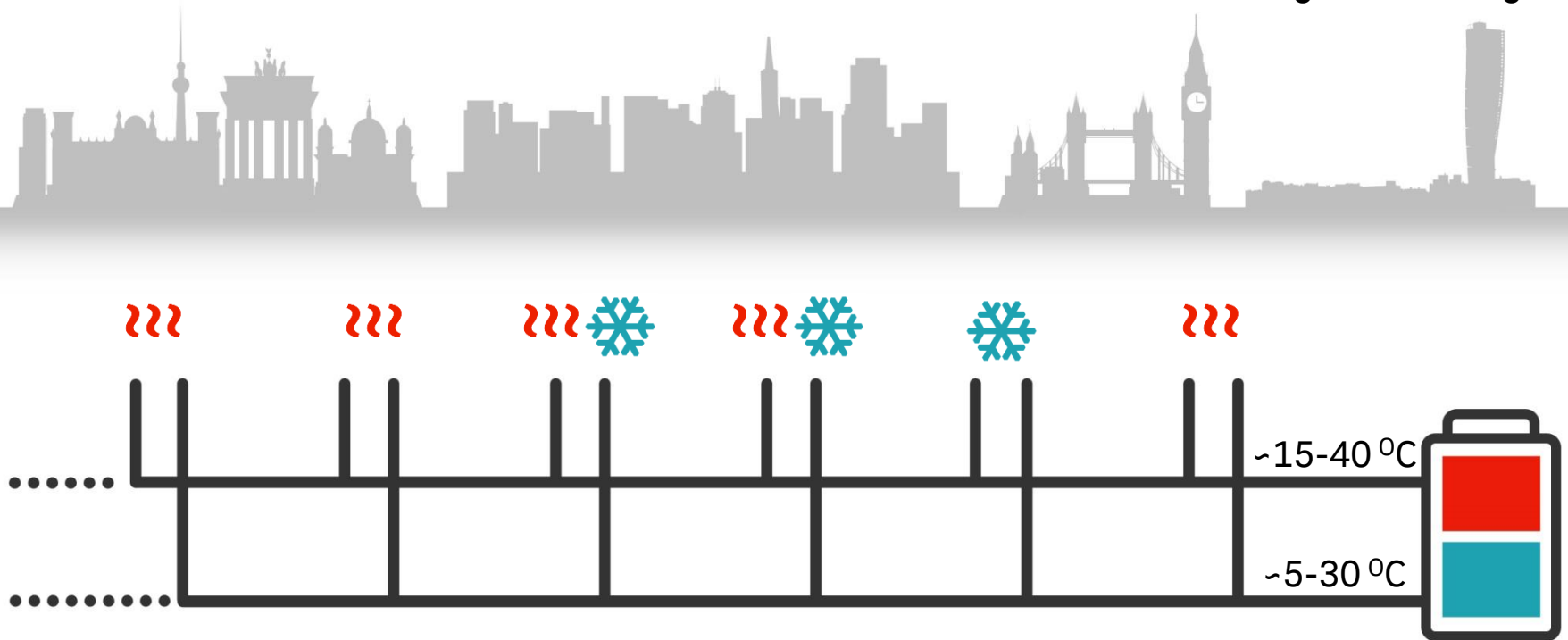
e-on

How ectogrid™ works

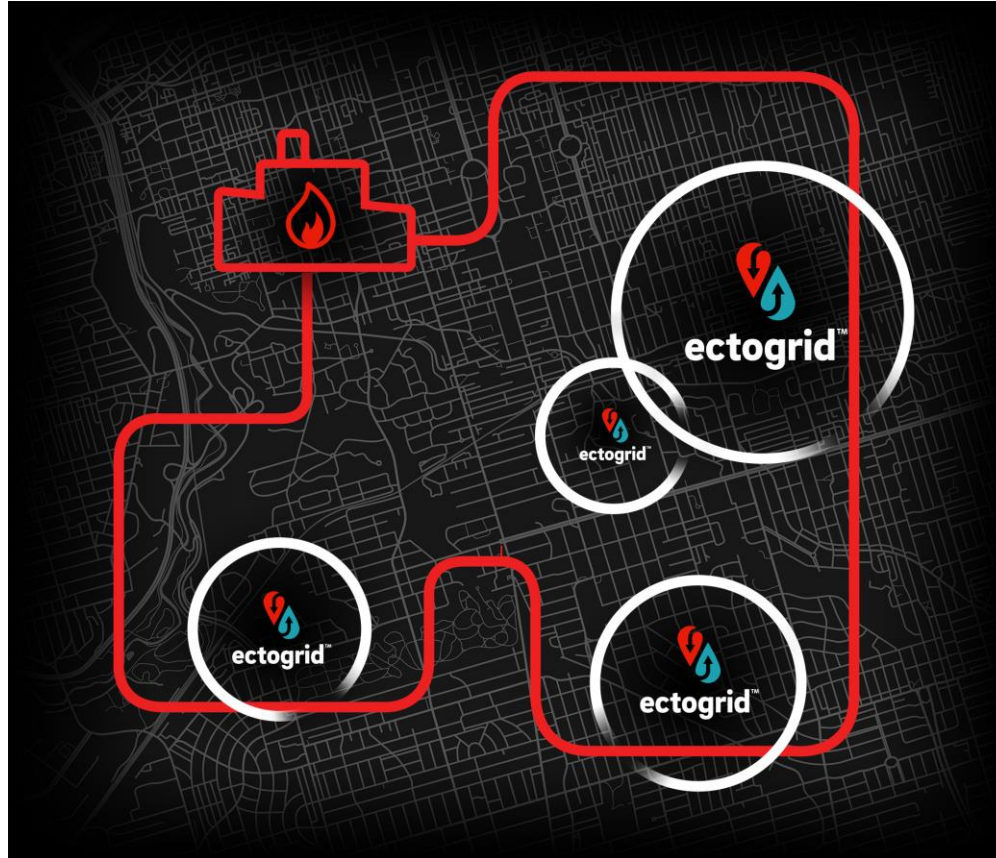
- ✓ The most energy efficient heating and cooling solution
- ✓ Cheaper to build - one grid serves 2 utilities
- ✓ Cheaper to operate

How ectogrid™ works

Buildings connected to the same system provide each other with heating and cooling.



Hybrid solutions complementing existing infrastructure



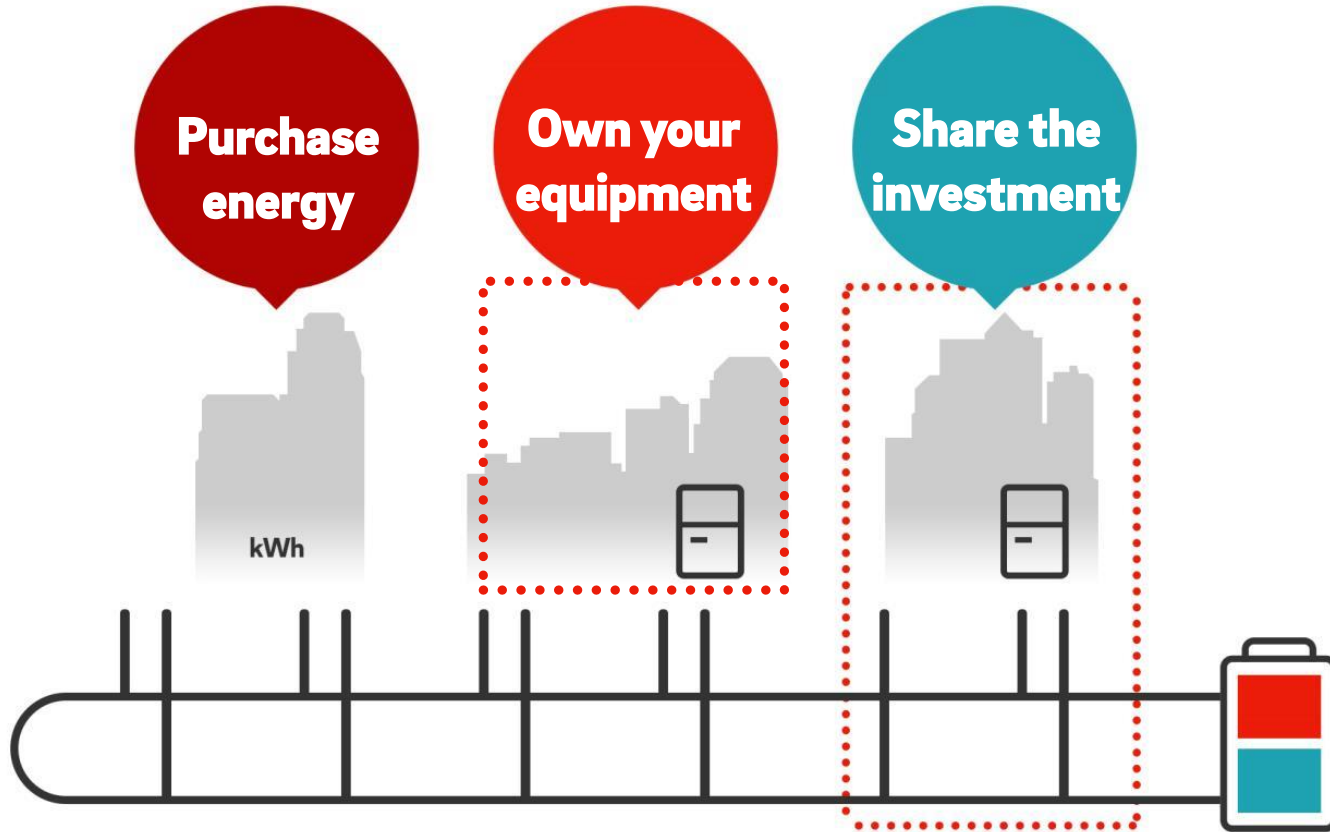
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ectocloud™

Energy optimization
as a service

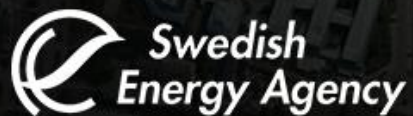


Different business models to fit customers needs



**World's
first ectogrid™**





District heating/ District cooling

District
heating
10 GWh



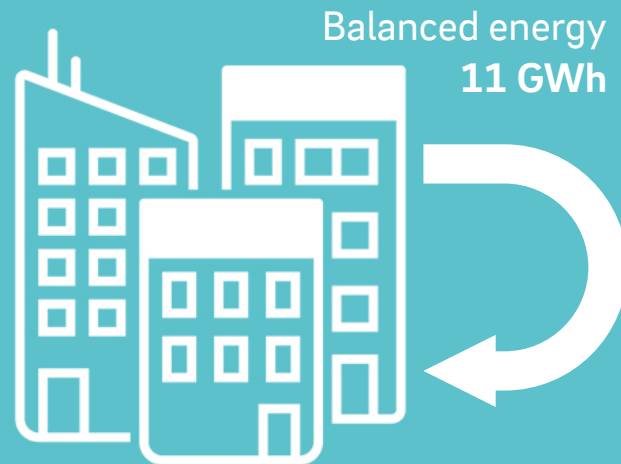
District
cooling
4 GWh



Supplied energy

ectogrid™

Supplied
energy
3 GWh



Balanced energy
11 GWh

Balanced energy

RESULT

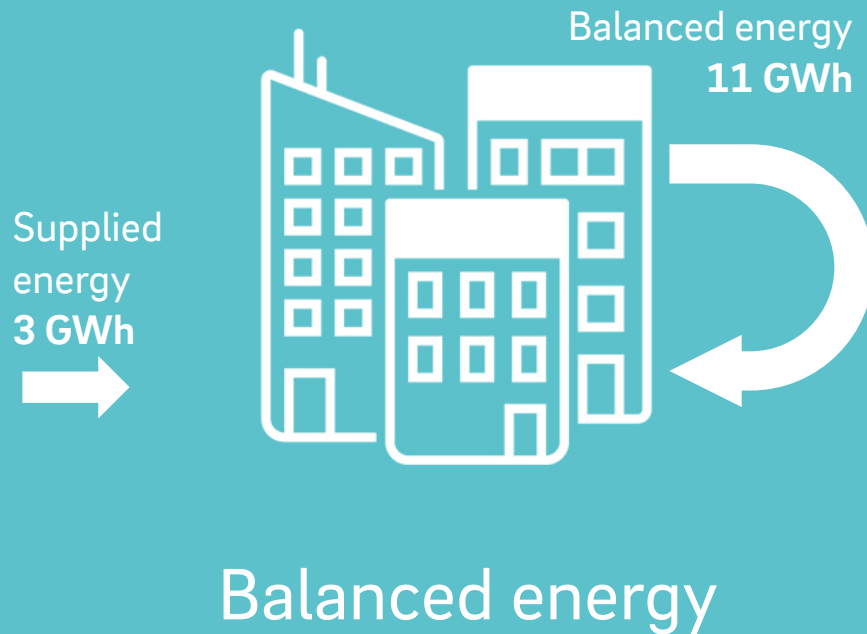
ectogrid™ at Medicon Village results in a reduction of the;

Supplied Energy: - 78 %

Energy bill for customer - 20 %

This is a "zero emission" energy system

ectogrid™



ectogrid™ applicable in all types of energy systems



Existing partners:



Ongoing partner discussions:



Initial partner discussions:





Thank you!

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