



NAVITAS

Accelerating Green City development with integrated data centers
Delivering renewable, cheaper heat and faster installation of local solar and wind

Datacenter heat recovery

Liquid immersion combined with heat pumps



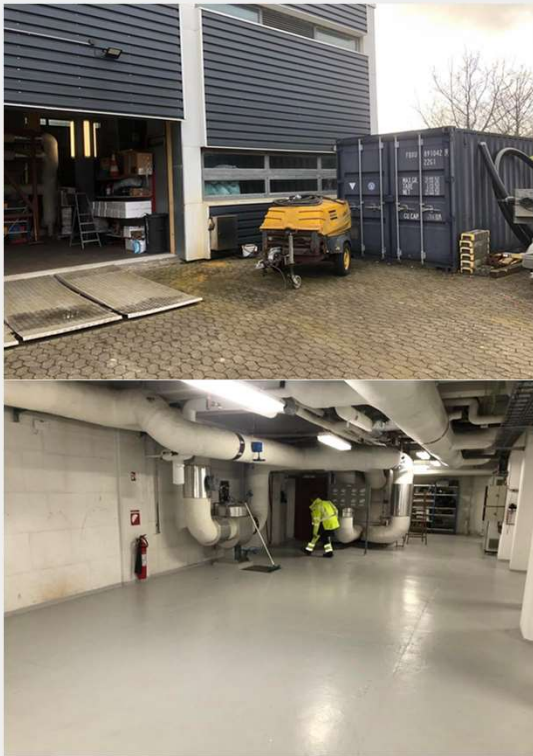
Opdaterede tal

Electric demand 1.3MW 8.765,8 hours/year **11.394,5 MWh**

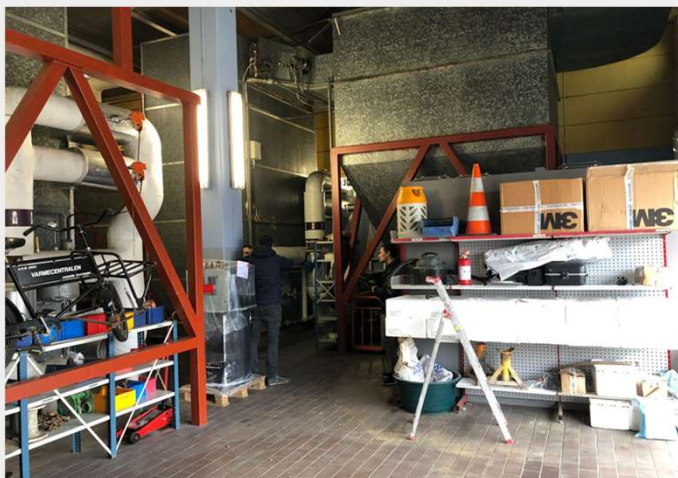
Heat 1.3 MWh heat delivered all year **11.394,5 MWh**



AVEDØRE GREEN CITY



Placering af anlæg



Lean organisation

NAVITAS DC Project Manager



Kasper Sivebæk
Navitas CEO

15 years of business development, sales, marketing and start-up experience. Founder of Wavemakers Media ApS.
4 year Green Start Up experience, renewable energy investment analyst. Helped start a battery company.

4 years ago Navitas concept started
3 years working with Green City Development (Vinge Nord mv)
Last year battery grid services +
Navitas Green City integration

Key Danish Partners



Martin Mortensen
Kølegruppen ØST

Martin lead Novo Nordisk's *Major investment strategy* - 4 production buildings cooling system, 20 years plan, a +100 mio. Kr. project with Emil. They also created Herlev hospital's cooling strategy, a similar system will be utilized for Navitas immersion cooling. .



Emil Sivebæk
Kølegruppen ØST Director

<Kølegruppen is a Danish heat pump company - Started: 1973 - 60 people in 3 offices
18 years experience with heat pumps and cooling data centers. NIRAS 4 years (Novo Nordisk, 8 MW heat pump Roskilde)

Investors (Skal endeligt bekræftes, business casen skal være på plads)



Fares Makni
<https://makni.tn/mega-projets/>
Developing a Mega Project in Tunisia,
At the most northern point of Africa



Birger Arp-Hansen
<https://www.arp-hansen.dk/>



Thomas Nyborg
Green Venture Investor
Former Senior President PANDORA Productions



Relevant network



Frej Sivebæk

Decentral Games Partner

Frej played an essential role in DG growth. Decentral Games ICE Poker recently became the #1 Play & Earn game in monthly revenue, generating \$19.7M
In Network with: <https://grayscale.com/>



Simon Vandt -

Data science for 20 years, Investment bank executive, VC fund owner
<https://www.ecovdam.com/simon-vandt>
Help with EU funding + Private exchange **\$20-50M**
<https://www.integerwealth.global/>
Connected to EON Senior Director, Advised XLINK
(Renewable project: Cable connecting UK to Morocco)



Fares Makni

Green City In Tunisia
city at most northern point of Africa.
Green, Zero Waste, circular

Anders Troi (Former Danfoss smart grid director, helped found Risø National Laboratory for Sustainable Energy at the Technical University of Denmark)
Possible Thomas friend **Hugo DesRosier**: sold \$450 mio worth of solar and wind projects in Asia, works with MetaVerse in Dubai.



Transformer station

Transformer station



Avedoere fjernvarme



Electric Demand
1.3MW 8.765,8 hours per year/11.394,5 MWh

Solar Bymursen nordlige del / renoveret tag

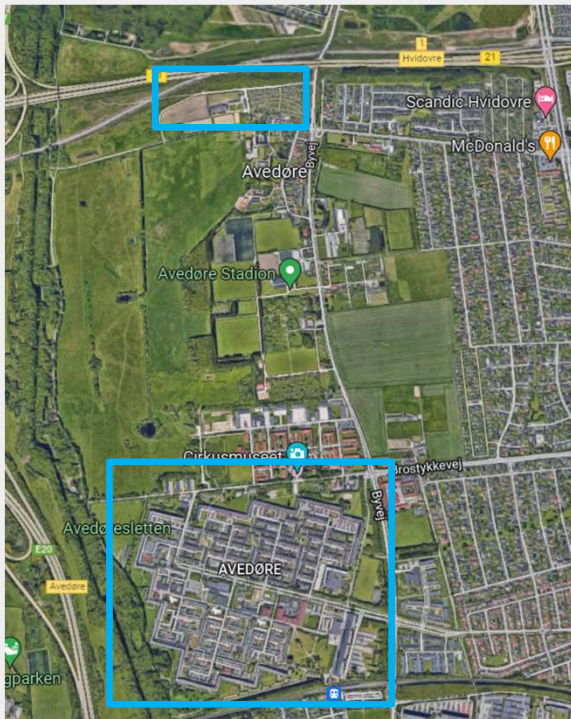
Avedøre Stationsby **Bymuren nord**



Avedøre Green City **Bymuren syd**



Field plant solar cells



Green City



energyPRO - energy system Avedøre Green City

Heat demand & production

Wind turbine
3.6MW SWT
Hvidovre vindmøllelaug

PVT:
10000 m2

Datacenter:
1000 kW
220 kW heat pump

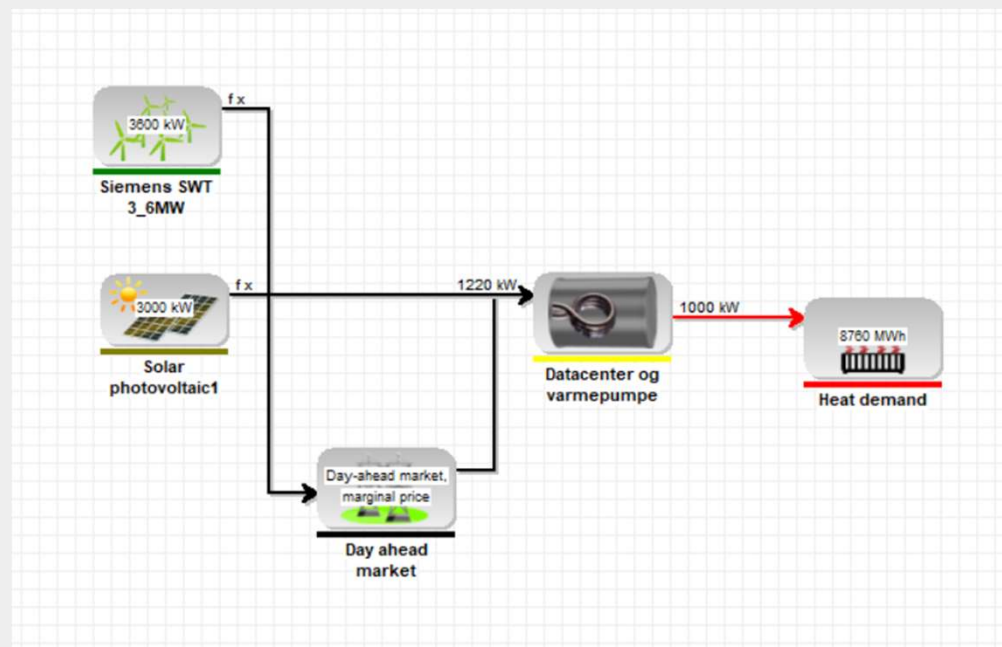
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Heat demand and production

Heat demand & production

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Datacenter:
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Electricity production and consumption

Electric production and consumption

PVT: 10000 m2

Wind turbine: 3.6MW SWT

Datacenter: 1220kW

Covered by 80% Renewable energy

Adding 2.5MW Flow battery:

would give 650 MWh extra local power per year

Electricity produced by energy units:

Day ahead market:

	All periods [MWh/year]	Of Annual production
Solar photovoltaic1	3.487,6	21,9%
Siemens SWT 3_6MW	12.848,6	78,4%
Total	16.336,2	100,0%
Of annual production	100,0%	

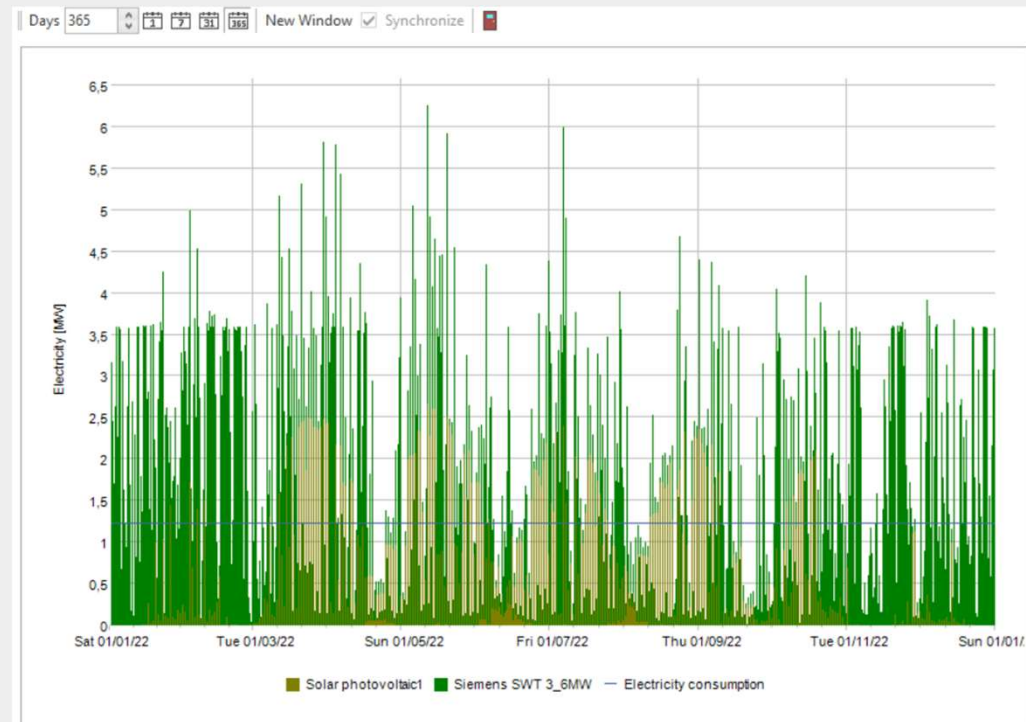
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A dark blue background featuring a faint, stylized image of a wind turbine. The turbine's blades and central hub are visible, extending from the right side towards the center. The overall tone is professional and modern.

THANK-YOU

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NAVITAS

