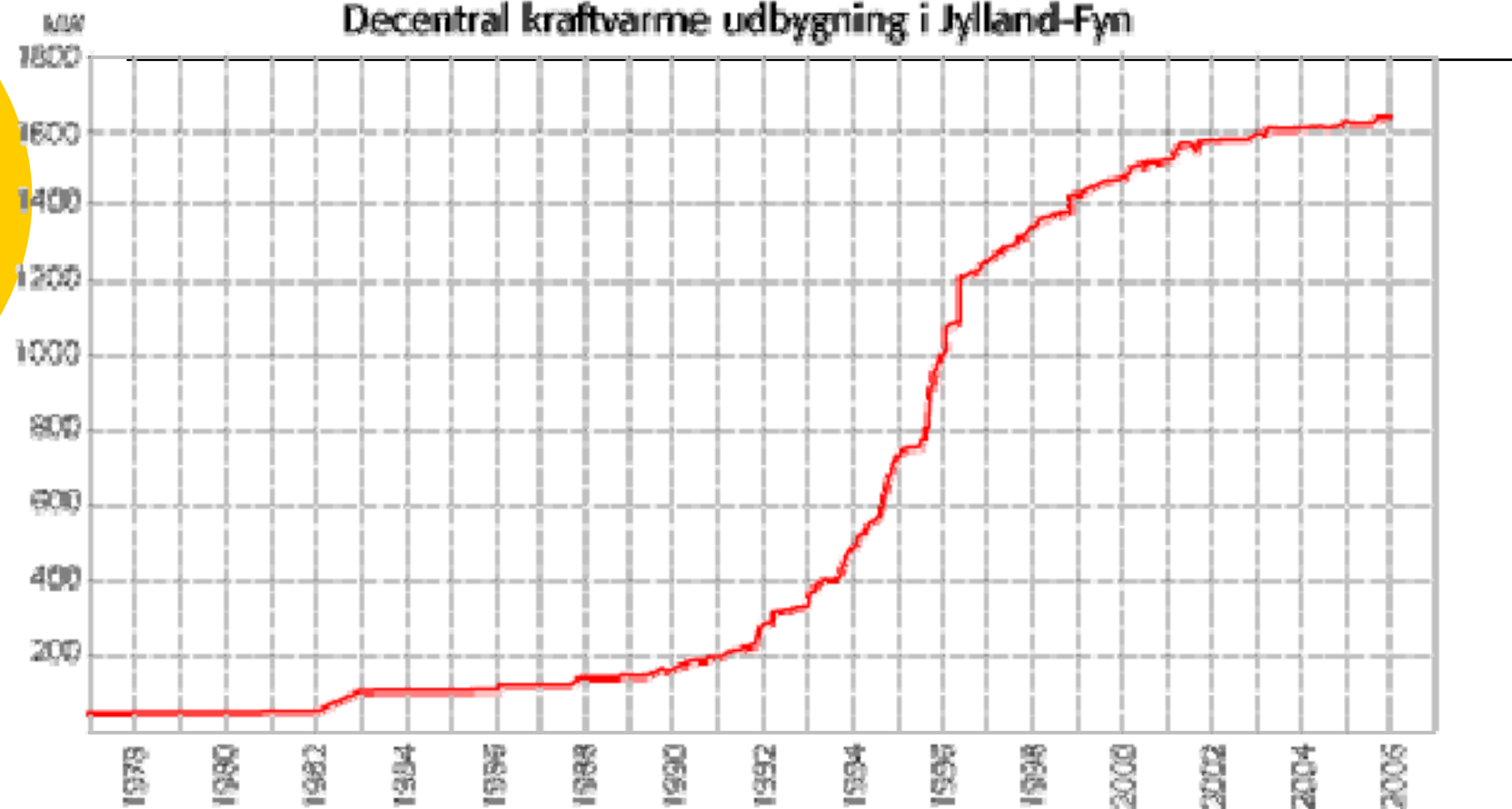


Solar systems - og CHP in Brædstrup

Per Kristensen
Brædstrup District Heating Company

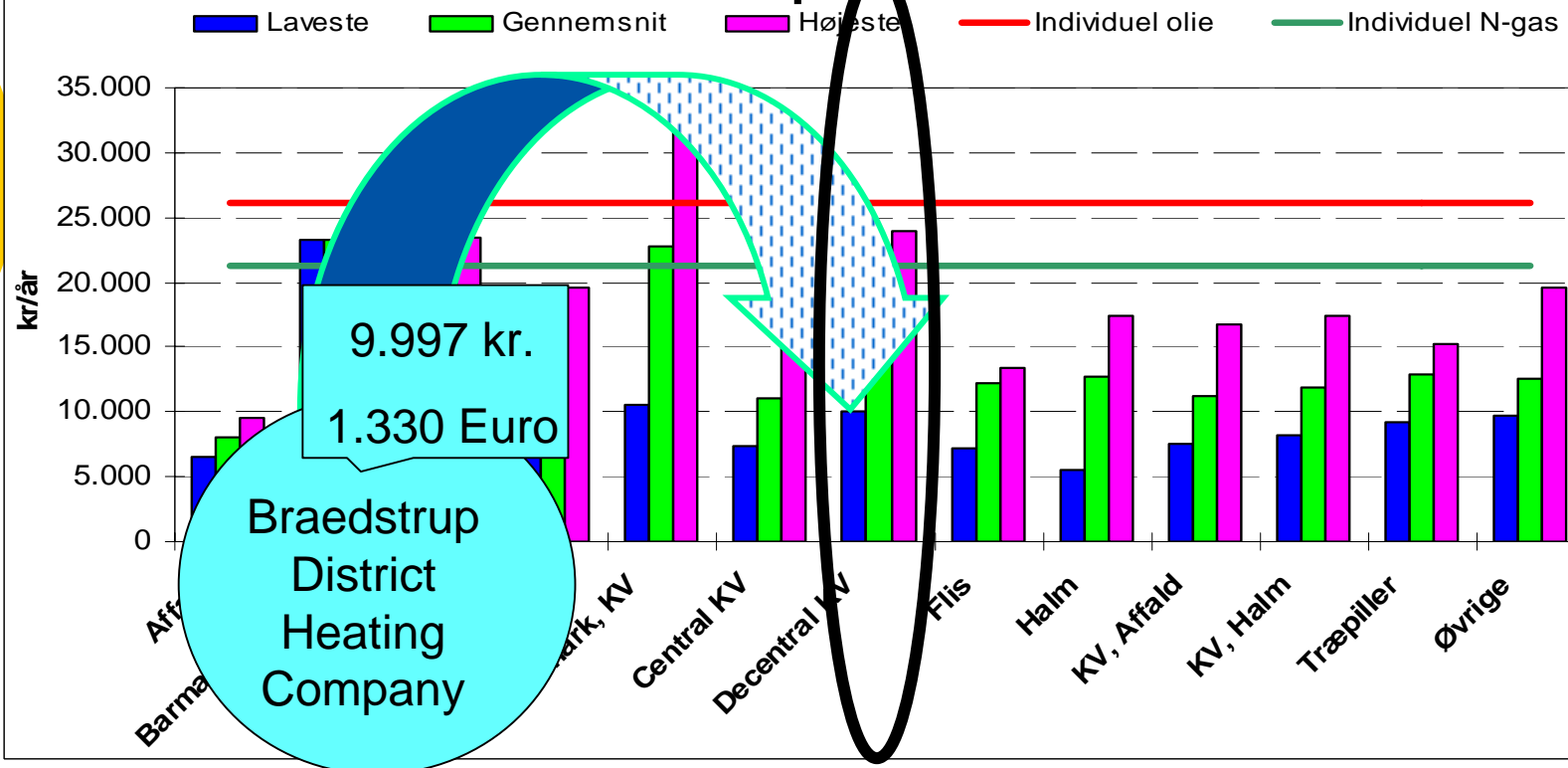


Decentral kraftvarme udbygning i Jylland-Fyn



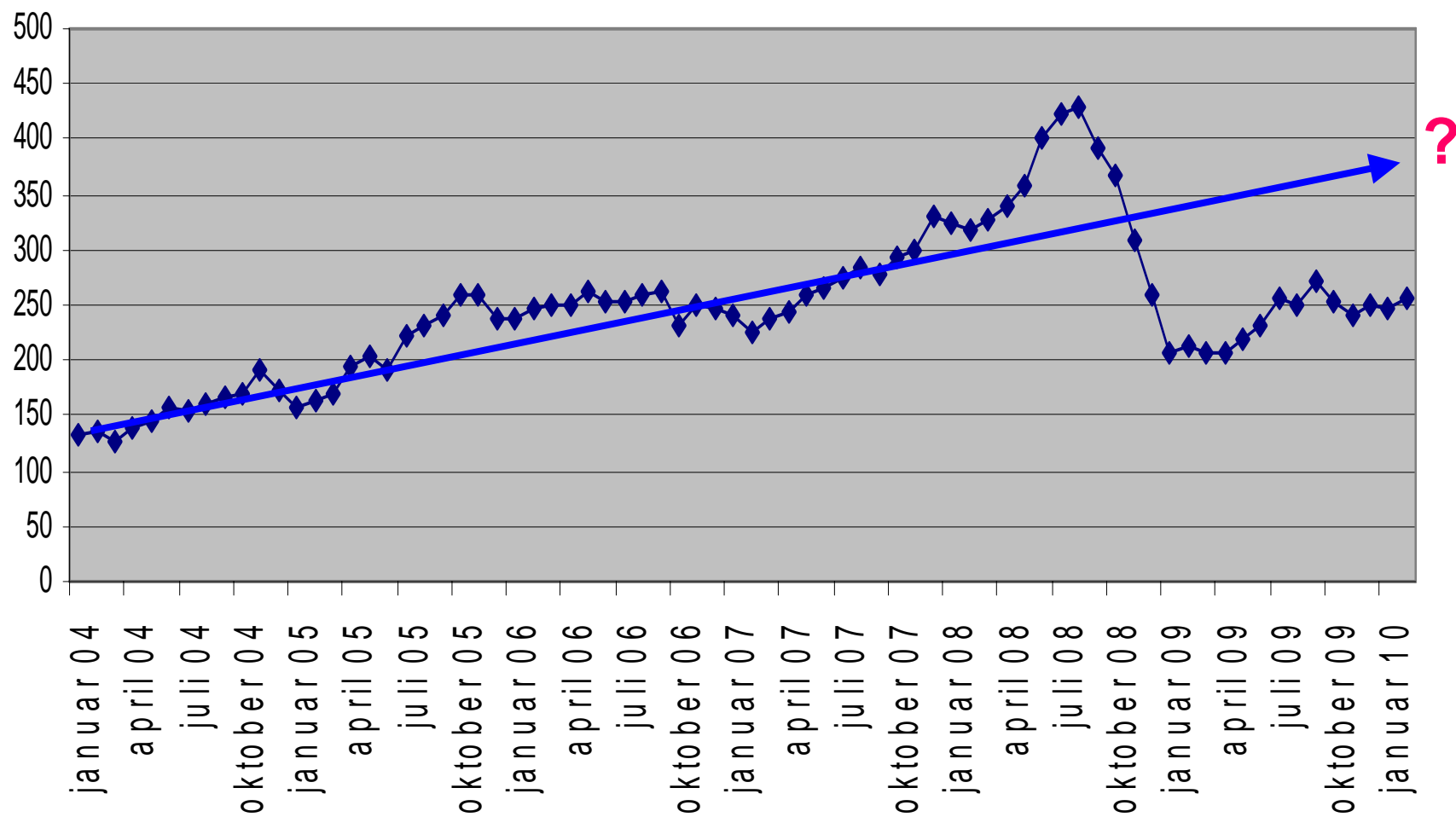
x sollogo+bf

Varmepriser inkl. moms



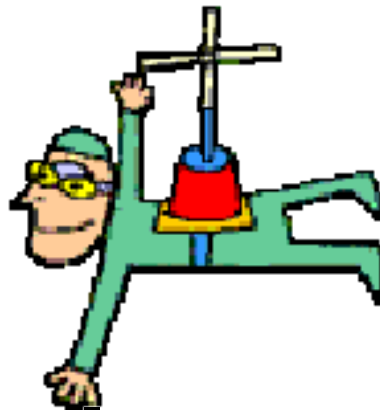
Kilde: Dansk Fjernvarme
2008

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Alternative possibilities to maintain the
low prices and so high customer
satisfaction as possible
- and with focus on the environmental
conditions

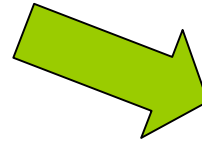
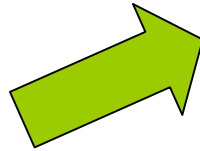
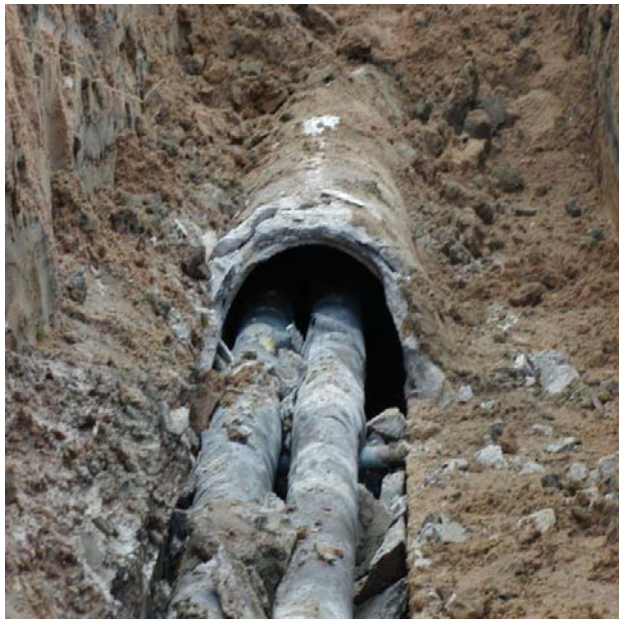




Actual initiatives

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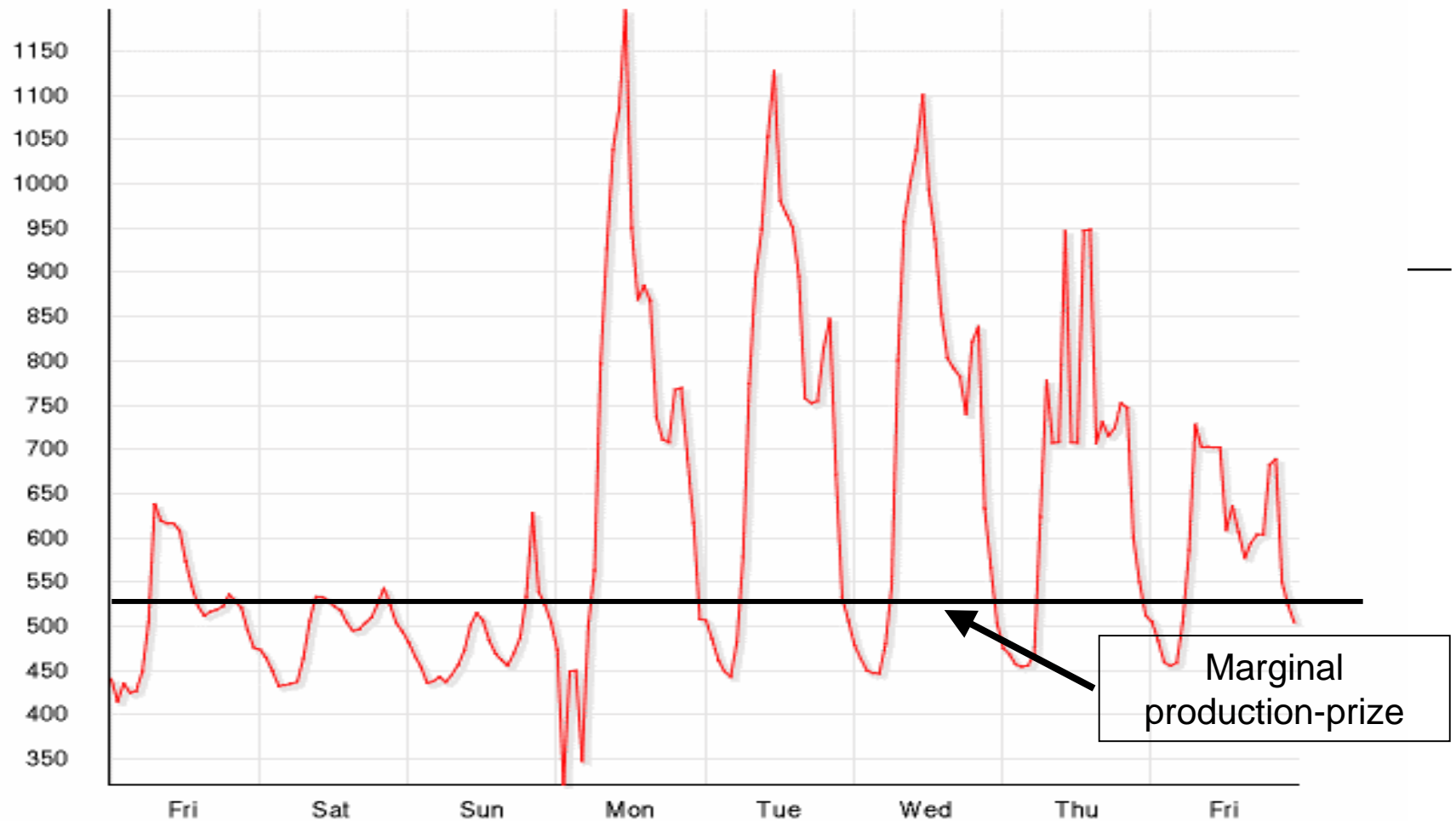
Continuous making the production- and distribution systems more effective





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Spotpris Nordpool 12. – 19. september 2008



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Solar energy



Big scale solar system in
combination with CHP

The first solar system in
combination with CHP

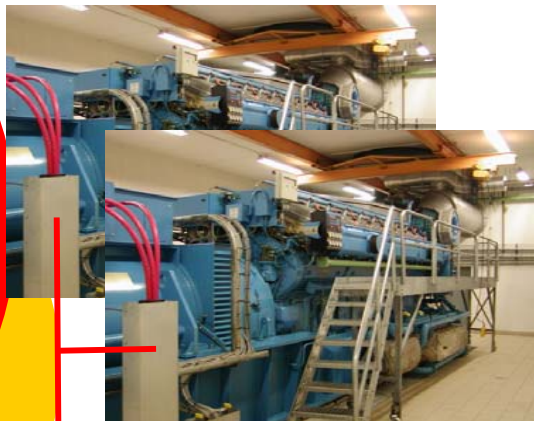


Economic contribution from
Energinet.dk:
3.622.000 DKK → 480.000 Euro

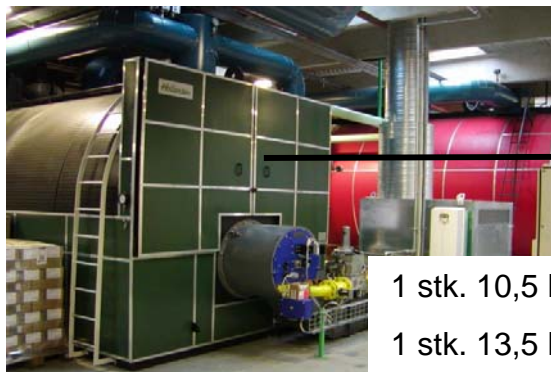
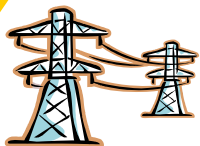


Technique

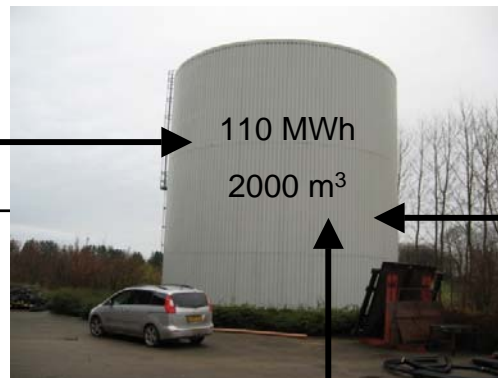
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8,18 MW varme
7,28 MW el



1 stk. 10,5 MW varme
1 stk. 13,5 MW varme



110 MWh
2000 m³



70°C

8.000 m²/6 MW
4.000 MWh/år



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85 - 90°C



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Legoland



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www.solvarmedata.dk

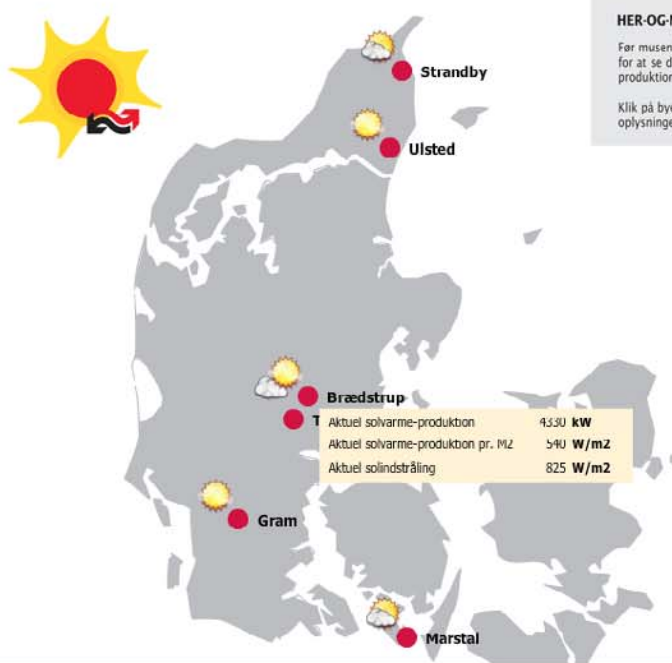

http://www.solvarmedata.dk/ - Microsoft Internet Explorer

Filer Rediger Vis Foretrukne Funktioner Hjælp

Tilbage Søg Foretrukne Gå

Adresse http://www.solvarmedata.dk/

Store solvarmeanlæg i fjernvarmesystemer



HER-OG-NU MÅLINGER

Før musen hen over bynavnet for at se den aktuelle solvarme-produktion.

Klik på byen for at få flere oplysninger.

Brædstrup

Aktuel solvarme-produktion	4530 kW
Aktuel solvarme-produktion pr. M2	540 W/m2
Aktuel solindstråling	825 W/m2

- > FORSIDE
- > GENERELT
- > ALT OM SØLVARME
- > SOLVARME PLATFORM
- > ENERGISTYRELSEN

Dansk Fjernvarme

ARCON SOLVARME

BATEC solvarme

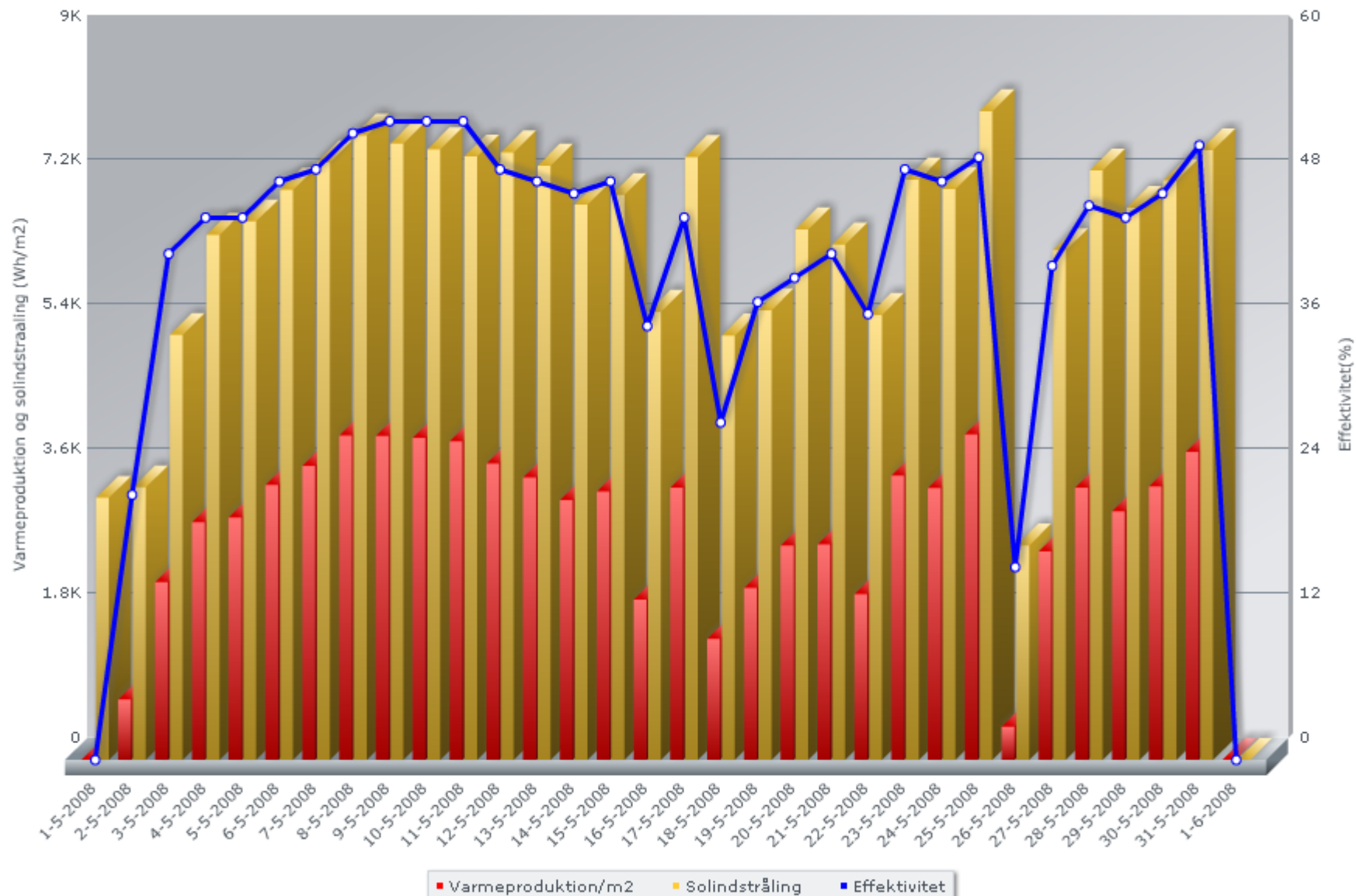
PlanEnergi
20 års erfaring med store solvarmeanlæg

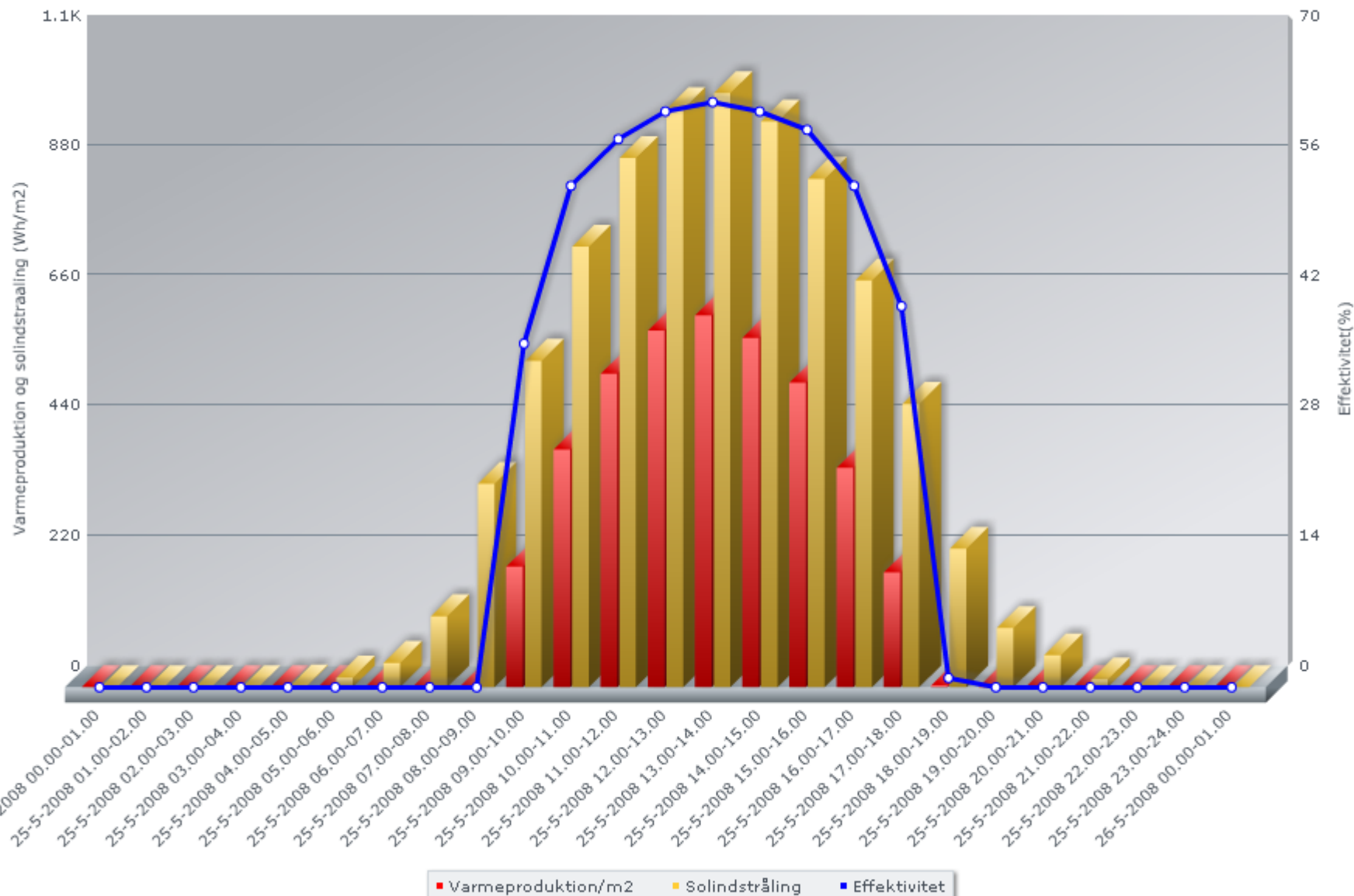
RAMBOLL

SUNMARK

Udført Internettet

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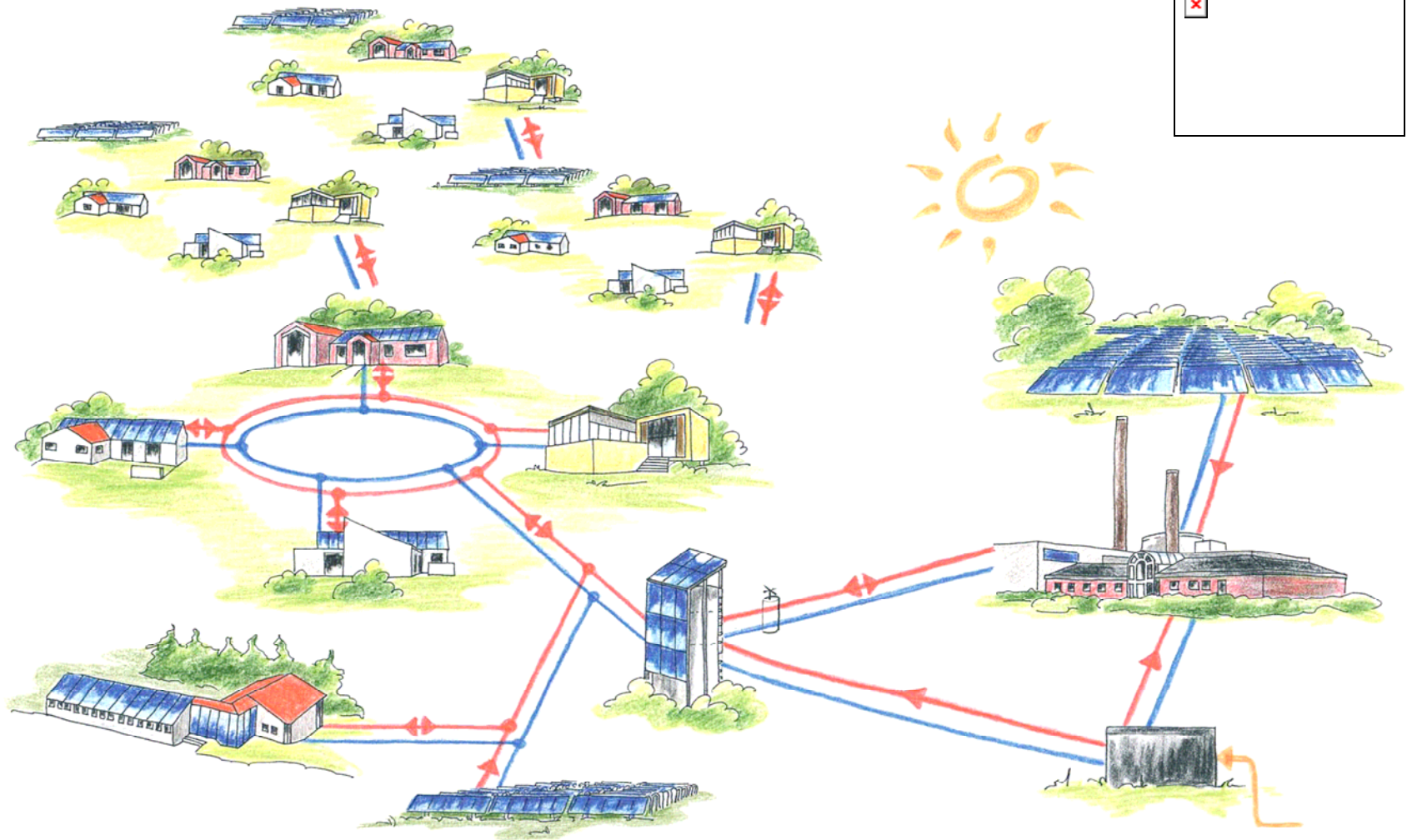






The project:

Low Resource District Heating



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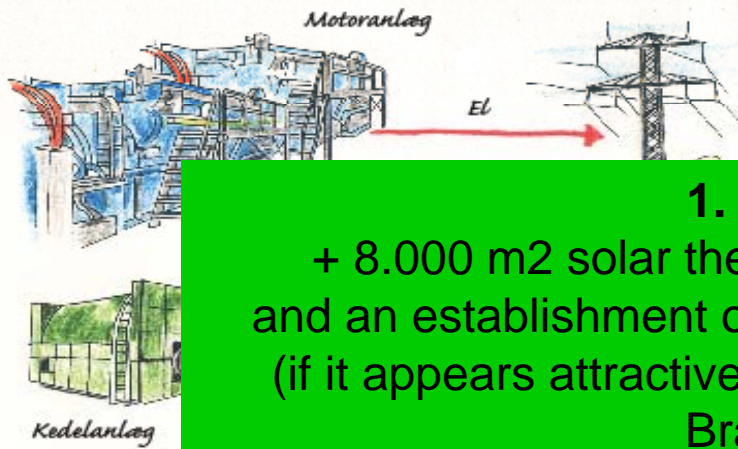


The project: Boreholes in Brædstrup



Brædstrup Hjemvarme

"solvarme og sæsonvarmelagring"
- varmestrømsoversigt



1. Stage:

+ 8.000 m² solar thermal panels to 16.000 m²
and an establishment of a pilot borehole store plant
(if it appears attractive the borehole technology in
Brædstrup!!!!)



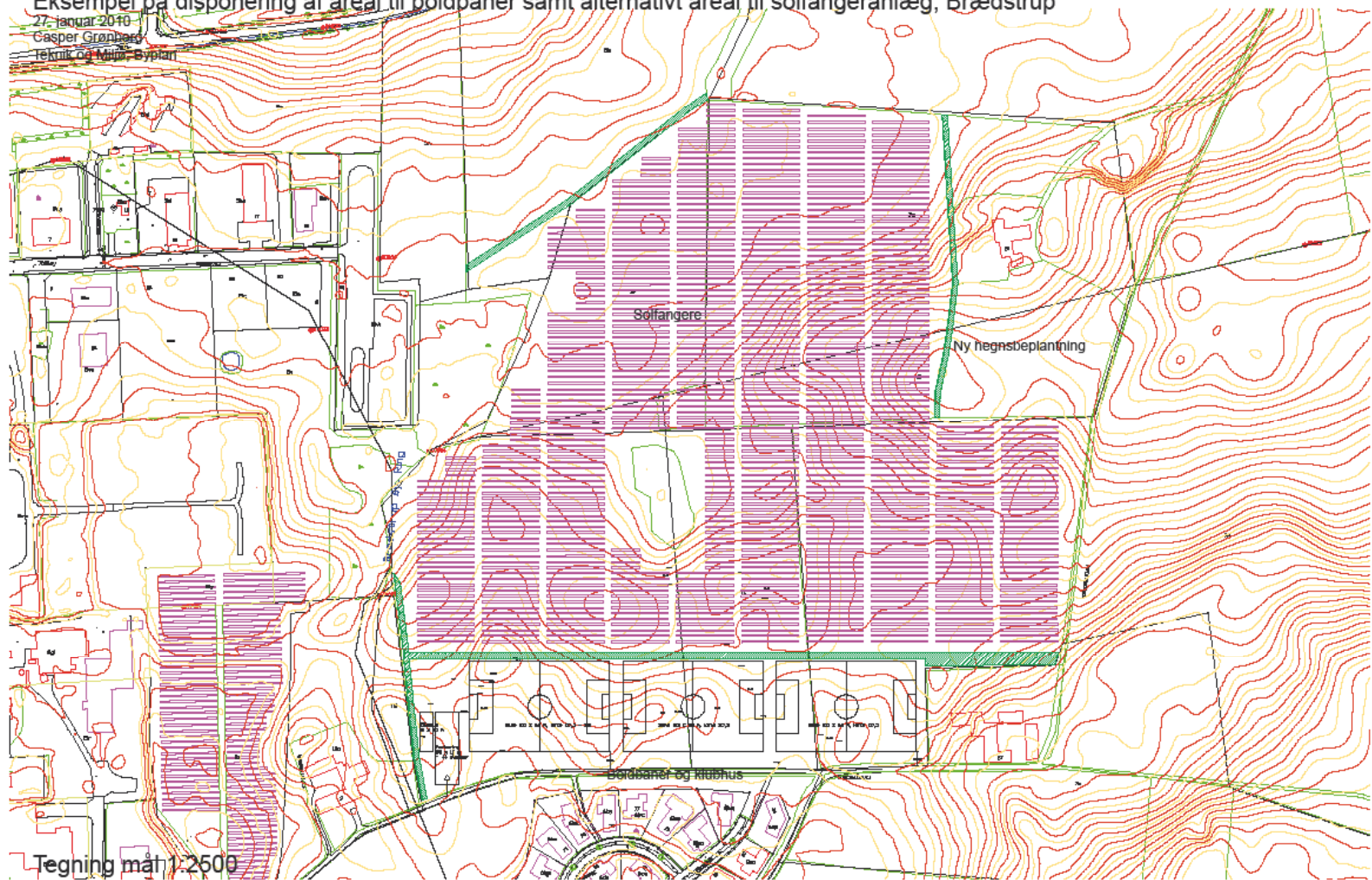
2. Stage (if the 1. stage goes well!):

+ 34.000 m² solar thermal to 50.000 m²
and an establishment of the final borehole store plant
(equal to 50% of the thermal production 2009)

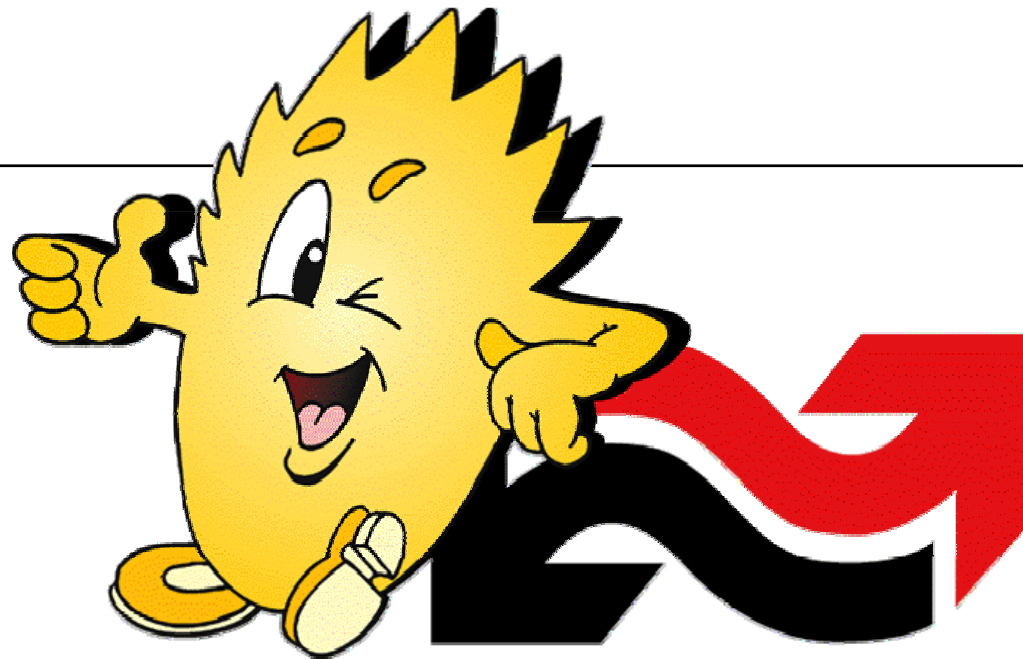


Eksempel på disponering af areal til boldbaner samt alternativt areal til solfangeranlæg, Brædstrup

27. januar 2010
Casper Grønberg
Teknik og Miljø, Byplan



 sollogo+bf



Thank you for your attention!