



# HAPPI – projektet i Sønderborg

Præsentation af  
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ProjectZero

# Den energi vi ikke bruger, skal ikke produceres – derfor fokus på EE!



# Hvem er med i HAPPI

## 9 partnere og deres roller

ProjectZero

Danish Energy Management & Esbensen A/S

EUC Syd

Alle 6 almene boligselskaber i Sønderborg kommune

The **overall objective** of the here proposed project “Social Housing Association Energy Efficiency Process Planning and Investments” (**HAPPI**) is to:



Increase the energy renovation rate within the social housing sector via an exemplary action



Bringing together six social housing organizations in the Danish municipality of Sonderborg



To tackle the complex interplay of non-technological barriers (organizational, legal, financial) Through process organization and capacity building



The overall HAPPI objective is underpinned by the following *specific objective (SOB)*:

**SOB1**: Achieve large scale cost-efficient investments widely among the six participating social housing associations by thoroughly assess, confirm and bundle the sustainable energy projects in existing buildings already identified;

**SOB2**: Preparing and launching individual and joint tenders assuring both highest energy standards and best value for money;

**SOB3**: Demonstrating in one of the six participating social housing associations how to combine traditional and third party finance and EPC for sustainable energy measures in social housing;

**SOB4**: Demonstrating how cooperation between the six participating social housing associations fosters organizational innovation to create synergies in terms of bundling of smaller investment projects into a large scale cost-efficient investment program for sustainable energy measures in the social housing sector.

**SOB5**: Engaging via information meetings and indirect communication channels with at least 2800 tenants in the directly involved departments of the six participating social housing organizations to assure acceptance of the envisaged investments in energy efficiency and renewable energy;

**SOB6**: Assuring enhanced capacity in the six participating social housing associations to plan, tender, implement and maintain sustainable energy investment projects through the provision of a sustainable energy training program to 50-100 persons, including CEOs, CFOs, technical/administrative staff, caretakers and service staff and central and department board members;

**SOB7**: Trigger a future pipeline of sustainable energy investment projects in each of the six participating social housing associations by briefly outlining sustainable energy action plans, incl. joint roadmaps in five of the housing organizations (one of the social housing association already has an action plan), and implementing energy management systems.

leading ultimately to an aggregated 15,2 MEUR investment programme for sustainable energy measures in their existing building stock.

The total energy efficiency investment will include 56 different departments of the the 6 social housing organizations' building stock, involve a total of appr. 6.000 tenants in 3.318 homes, of which 2.100 are flats in storey buildings and 1.208 are terrace houses.

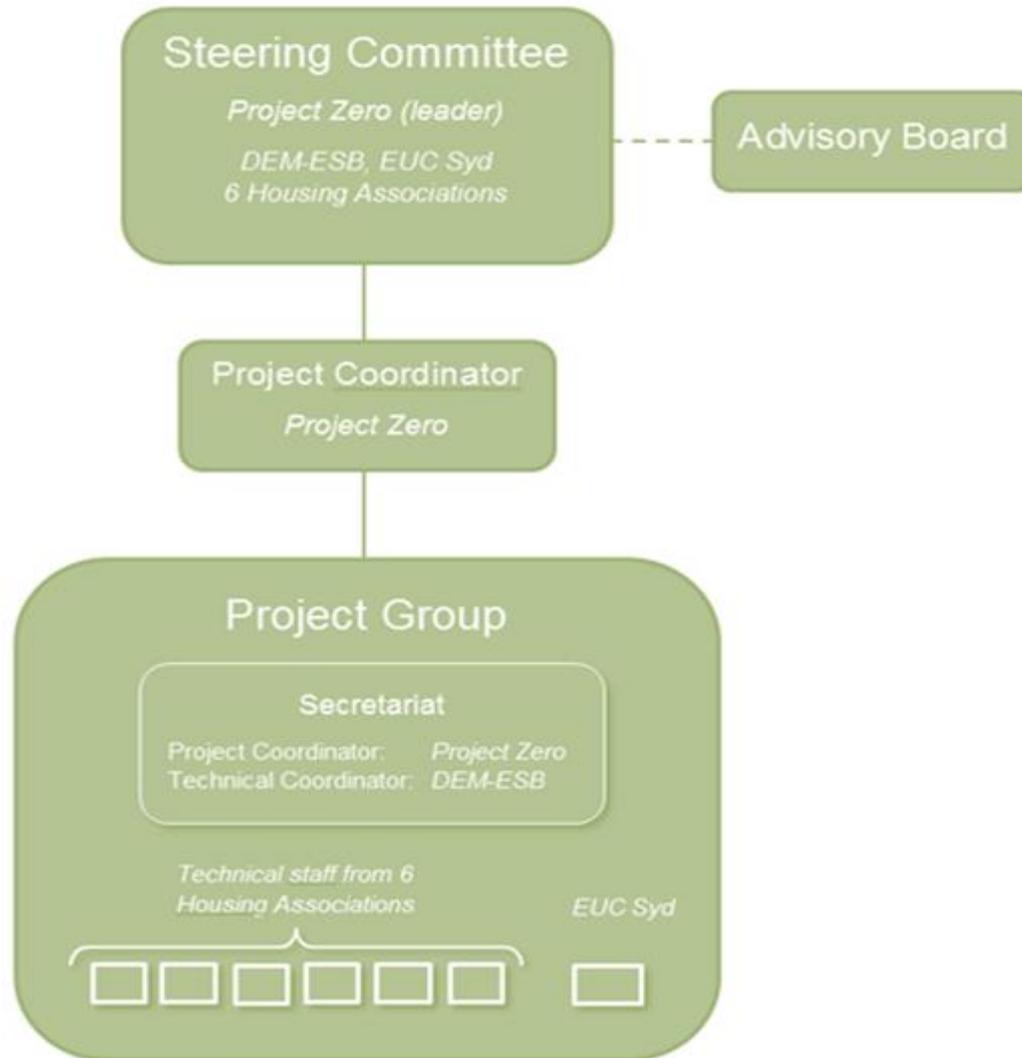
## HAPPI impact

Energy training programme to 50-100 persons, including CEOs, CFOs, technical/administrative staff, caretakers and service staff and central and department board members.

- The investment launched by HAPPI is anticipated to lead to energy savings of appr. 11.5 GWh/year + 1.6 GWh/year production of renewable energy and annual reductions of 1.640 tons CO2 eq.

# • Handlinger gennem 5 ”pakker”

- Projektledelse
- Energirenovering
- Planlægning/Drejebog
- Monitorering & opfølgning
- Energistrategi & energiledelse & Kommunikation



## Støttebreve fra følgende:



South Denmark  
European Office



# Tidsplan

- Projektet løber over 3 år med kick-off workshop marts 2018
  - Pakke 1 marts 2018
  - Pakke 2 december 2018
  - Pakke 3 april 2019 ( fælles kursus program)
  - Pakke 4 juli 2018
  - Pakke 5 november 2018
- Evaluering løbende samt afsluttende rapport til EU efter de 3 år



For mere information om projektet:

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Read more on

[www.projectzero.dk](http://www.projectzero.dk)