



Passivhuscentrum Västra Götaland

Sweden's public environmental building center

Goal

Passivhuscentrum is the driving force for sustainable building through Passive House principles in a regional and national perspective with an international outlook.

Preparing the building sector for the environmental targets of 2020 and 2050 and EU NZEB

Work

- Education
- Information
- Reports
- Counseling
- Study Visits
- Innovation Projects
- Municipal process support



Sweden targets



2050 no net-emissions of greenhouse gases

2050 50% reduction of energy in buildings

Västra Götalandsregionen targets



2030 will the region be independent of fossil energy

2020 50% reduction of energy in the region's own buildings



**BROGÅRDEN,
ALINGSÅS**

**SWEDEN'S FIRST
DEEP ENERGY
RETROFIT OF 264
APARTEMENTS**

**80% ENERGY
REDUCTION IN
HEATING DEMAND
AFTER RENOVATION**



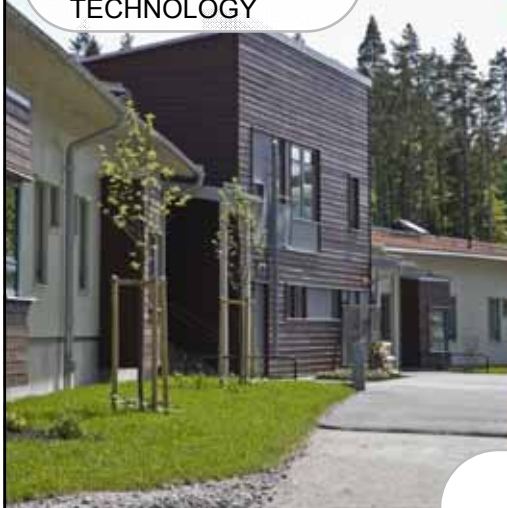
**STADSSKOGENSKOLA
NALINGSÅS**

**SWEDEN'S FIRST
ZERO ENERGY
SCHOOL.**



STADSSKOGEN
ALINGSÅS

SWEDEN'S FIRST
NURSERY SCHOOL
WITH PASSIVE HOUSE
TECHNOLOGY



REGIONAL, NATIONAL AND
INTERNATIONAL HOTEL PROJECT

- *Investigate possibility for a hotel chain to establish Sweden's first passive house hotel*
- *Work with the regions in NECsTouR for more newly built hotels in cooperation with an international hotel chain*
- *Combine increased tourism and sustainability goals for the regions in Europe and hotel owners*



*Eco Hotel Bonapace
Lake Garda, Italy*



*Boutique Hotel Stadthalle
Wien, Austria*

