

Green Healthcare

GOOD PRACTICES OF GREEN HEALTHCARE AROUND THE EU



Sustainable industry

TRELLEBORG FORENSIC PSYCHIATRIC CENTRE (SWEDEN)

Skåne, a region in Sweden, has built a new facility for highly specialised forensic psychiatric care, research and education in Trelleborg. The Forensic Psychiatric Centre with its 12,700 m² is Sweden's largest passive and positive energy House. The building has room for 51 patients and 150 employees and students.

The building consists of four house bodies, gathered around a common courtyard. The architecture is adapted to integrate with the surrounding agricultural landscape. The Forensic Psychiatric Centre has been designed and built as a passive and plus energy house, meaning the building is very energy efficient, with self-produced renewable energy that provides a surplus of two-kilowatt hours per square meter and years. For a building to be classified as a passive house, it must be well insulated and have high heat recovery.

The solar panels cover the need for hot water between March and September, while wind power helps produce its own electricity. The Forensic Psychiatric Centre also uses energy-efficient appliances and lighting and has charging posts for electric cars. Thanks to passive house technology, energy efficiency and renewable energy, they can save over a million a year in energy costs.

More information at the following [Link](#).

