Full-service concept for energy efficient renovation of single-family houses - DTU Orbit (05/12/2018)

Full-service concept for energy efficient renovation of single-family houses
existing single-family houses in the Nordic countries are to have competitive power compared to new buildings on the future housing market. Good technical solutions exist but need to be combined based on the full range of (standard) solutions in order to reach the low primary energy level of new houses. A one-stop-shop in the form of a full-service concept could be seen as a possibility to make it easy for the homeowner to comply with possible future requirements to realize far-reaching energy savings in connection with extensive renovations, provided that the building sector offers the solutions. Such one-stop-shops in the form of full-service providers of energy efficient renovation of single-family house are missing in the Nordic countries, although this service is vital to open up the market. As part of the Nordic research project ‘SuccesFamilies’ with the purpose to change the business environment in order to speed up the implementation of sustainable renovation of single-family houses – a sustainable renovation concept suitable for different categories of single-family houses with regard to type and age has been proposed in this article. The sustainable renovation concept includes an ideal full-service concept and technical renovation solutions targeted to different types of single-family houses.

General information
State: Published
Organisations: Section for Building Physics and Services, Department of Civil Engineering, VTT - Technical Research Centre of Finland, Mid Sweden University, Segel AS
Publication date: 2011

Host publication information
Title of host publication: Proceedings of SB11 World Sustainable Building Conference
Keywords: Energy efficiency, Renovation, One-stop-shop, Single-family houses, Technical solutions, Full-service concept
Electronic versions:
prod11326452926202.Paper.pdf
Source: orbit
Source-ID: 317140
Research output: Research - peer-review › Article in proceedings – Annual report year: 2011