Sweden’s Housing and Building Sector
Organization

Ministry for Health and Social Affairs

Ministry for Enterprise, Energy & Communications

Ministry for the Environment

Swedish National Board of Housing, Building and Planning

Swedish Energy Agency

1 National building codes (technical requirements – including energy and indoor climate), affordable housing

2 All other energy related policy issues including EU directives
Energy

• 30 percent of the total energy use in Sweden (35 percent of total electricity use)

• 11 percent of total CO2 emissions

• District heating, electricity, heat pumps, pellet

• National goal - 20 % to 2020 and - 50 % to 2050
Domestic Policies – energy efficiency

• Building codes
  - minimum levels for use of energy – 110 kWh and 130 kWh – currently under revision
  - tougher codes for electricity

• Procurement and market introduction

• Classification system - Sweden Green Building Council
EU Policies – energy efficiency

• Revision of the EU Energy Prestanda Directive
  Nearly Zero Energy Housing for new buildings by 2020 (2018 for federal buildings)

• Energy certificates
  Includes an assessment of the energy use of the building, in comparison with a reference building, and may also include recommendations on investments that could be made by the owner in order to improve energy efficiency of the building.
Main challenges – energy efficiency

Milionprogrammet

“There is a great level of uncertainty in terms of costs and a lack of practical experience/knowledge on possible technical solutions when refurbishing existing buildings.”
Policies - Indoor Climate

• Environmental Codes (e.g. prohibitions of certain substances in building products)

• Mandatory Ventilation Controls

• Building Codes (to prevent moisture and mold)

• Energy Certificates (including information on radon and ventilation control)
Main challenges – indoor climate

“There is a lack of knowledge on hazardous substances in building materials.”

“Effective and cost-efficient oversight and control”
Affordable Housing

“Affordable housing in the sense of what is often called social housing is not part of Swedish housing policy, and there is a general political consensus that the basic housing policy should be general and comprehensive and that social housing is not an option.”
Please do not hesitate to contact me for further information

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