
Programs for Energy Efficiency

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Successful steps in Energy Efficiency Strategy and Programs (Czech experience)

- Energy labels on white goods
 - 40 to 50% savings in refrigerators
 - Energy audits in Public sector
 - Last 10 years: 10 to 20% decrease of energy intensity
 - Financial incentives for insulation of buildings
 - Investment subsidies – public sector
 - Interest rate subsidies – residential sector
 - Building codes (since 2003)
 - New buildings have to increase efficiency
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Financial incentives in the National Energy Efficiency Program

- ***Energy plans for cities and regions***
 - *Feasibility studies on EE projects in industry*
 - ***Energy services: Tender documentation for „EPC“ (Energy performance contracting) project***
 - *Implementation of Energy Management system in an industrial plant*
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- ***Energy Consulting and Information Centers for public***
 - *Information materials, Seminars, Conferences, Publications, Handbooks dealing with Energy Efficiency and/or Renewables*
 - ***Energy Audits and Energy Performance Certificates***
 - *Investment support:*
 - *Insulation of buildings, cogeneration, energy saving measures in public sector or industry, renewable energy technologies*
 - *Interest rate grants:*
 - *Insulation of residential buildings*
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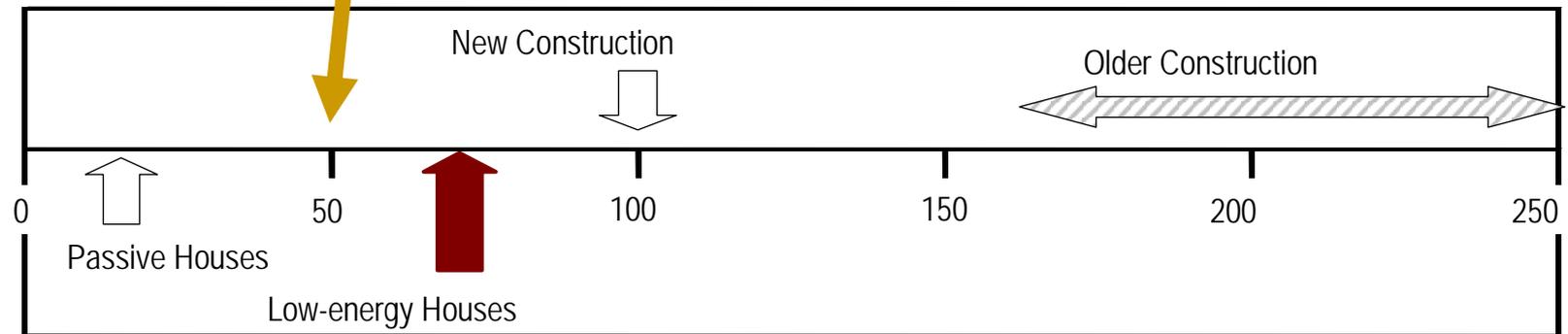
Municipal energy planning

- Energy plans for Regions and large cities are mandatory (according to the Energy Efficiency Act approved in 2000) =>legislative template
 - Major mistake in the very beginning: low interest in demand side (result = overcapacity on supply side)
 - Now demand side prevails and energy efficiency in buildings becomes the most expensive part of the energy program for municipalities
 - Current building stock
 - New buildings
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New construction:

Low-cost low-energy buildings

Specific energy consumption for heating in residential buildings (kWh/m², year)



Bytový dům pro město Sušice



Rodinné domy



Thank you for your attention

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