



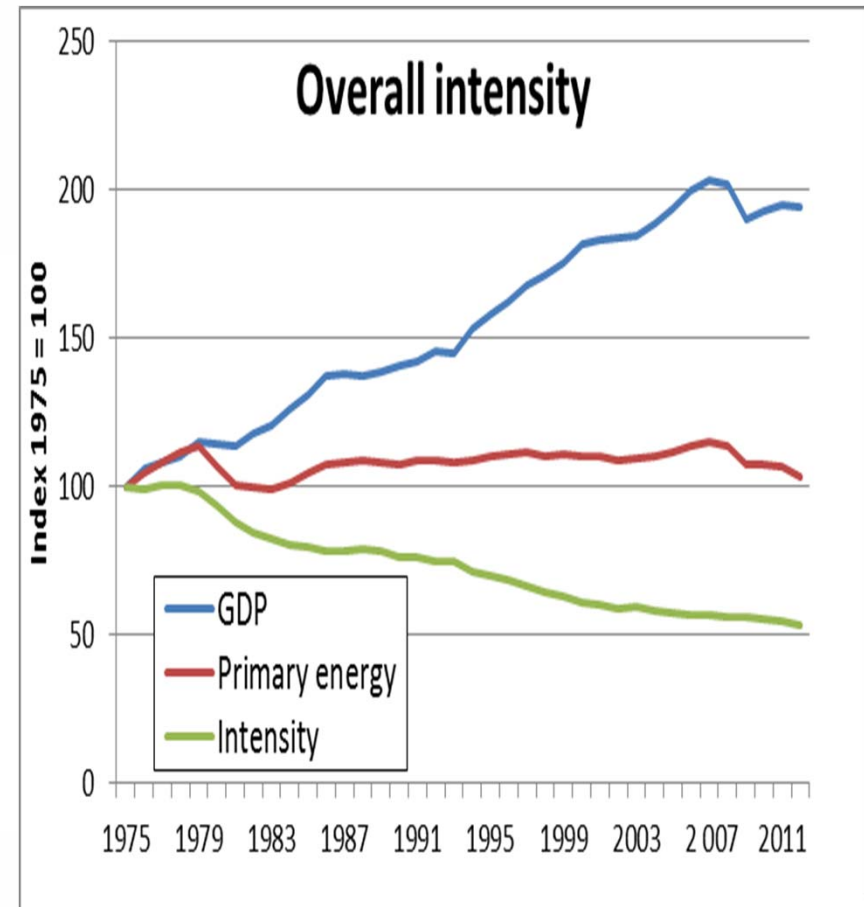
Energy Saving Targets The Danish Case

Chief Adviser Peter Bach

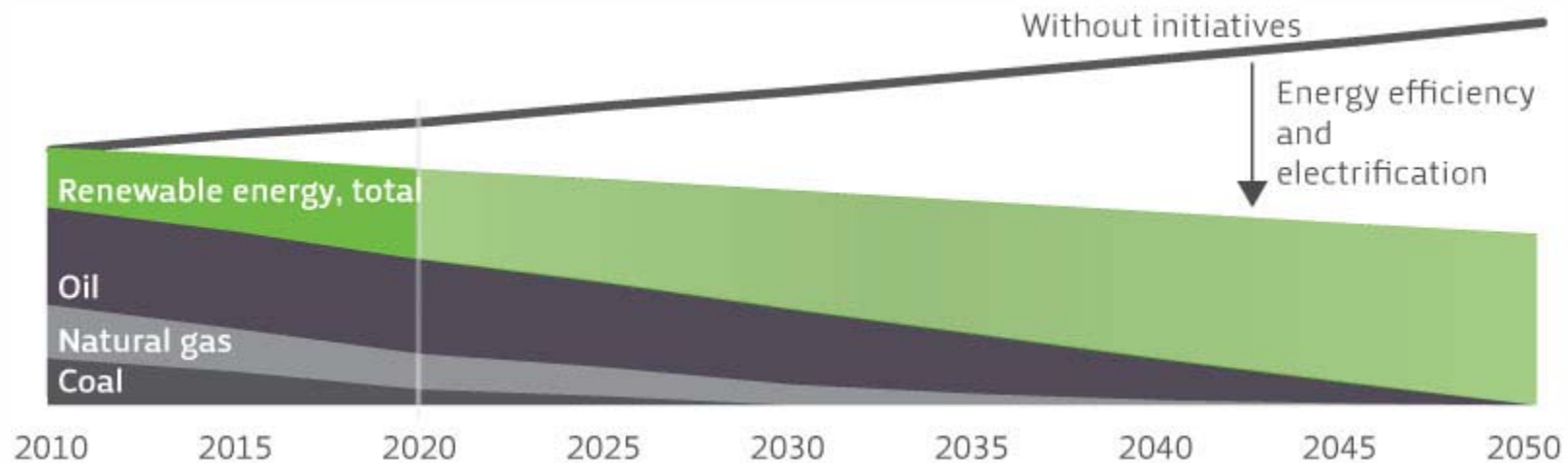
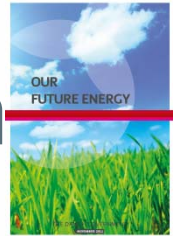
GBPN webinar 12 June 2014

Policy has delivered: Strong EE improvements

- Decoupling energy consumption and economic growth
- Also under the actual economic crises
- Strong polity commitment
- Combination of policies and measure
 - Energy taxes
 - Regulation
 - Information and awareness



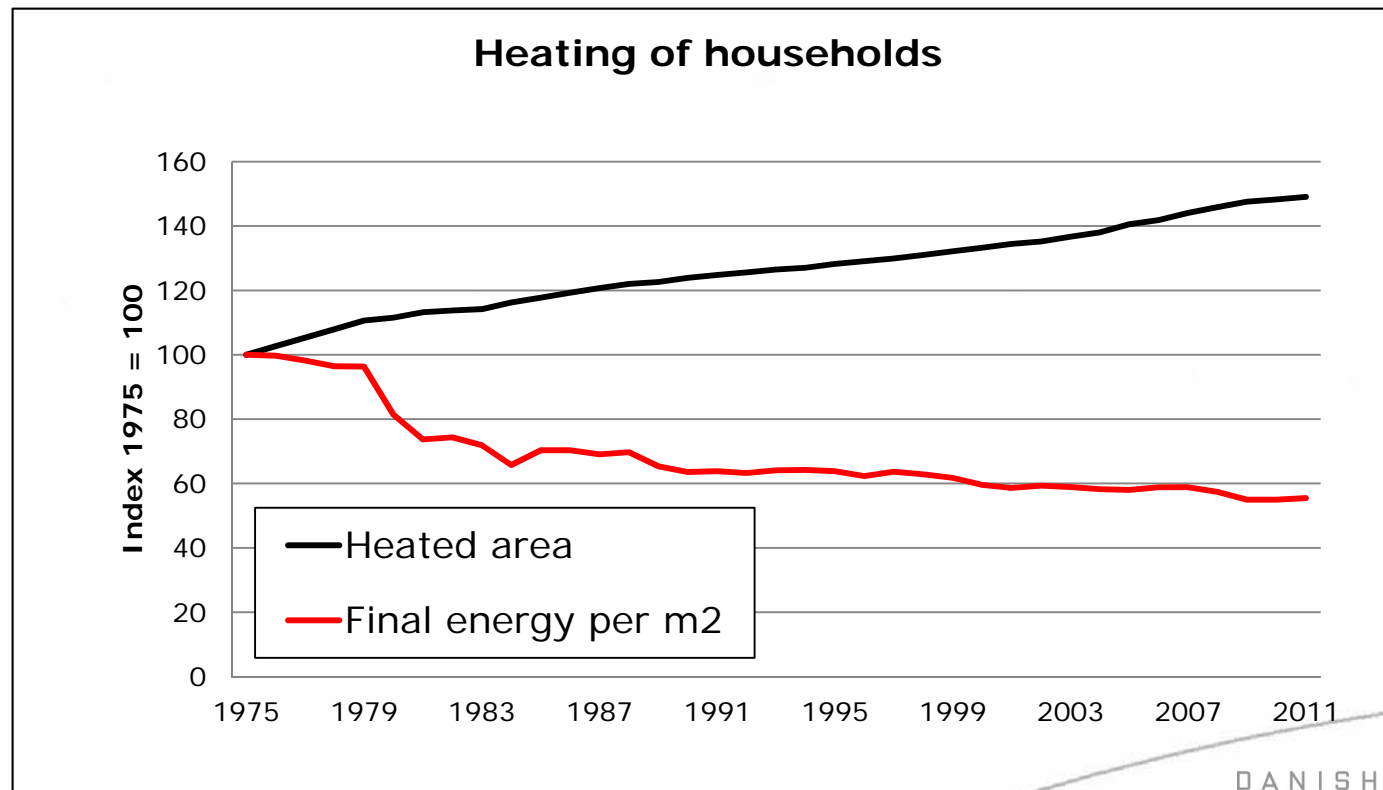
EE part of the long-term solution



- Strong improvement of energy efficiency in all sector are needed
 - Includes electrification
- New measures and targets are needed

Heating of households: Big saving over the last 35 years

- 45 pct. lower consumption per m²
 - Very strong improvement from 1979 to 1984



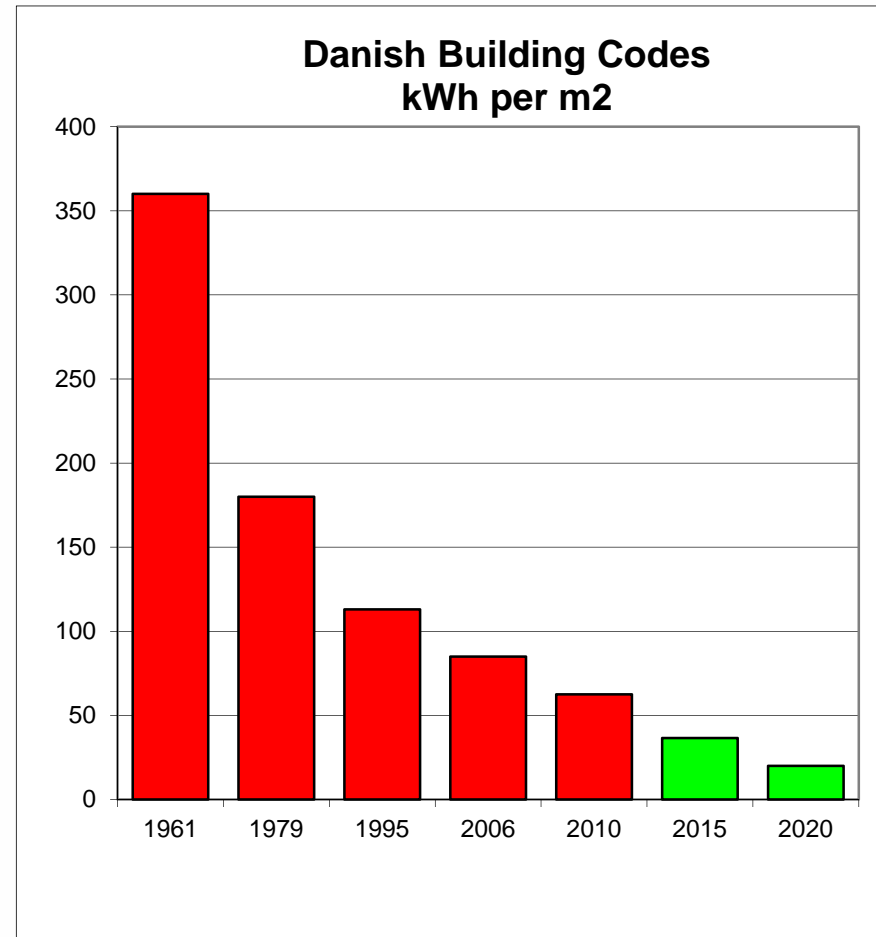
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Building codes for new buildings

Dynamic development of building codes

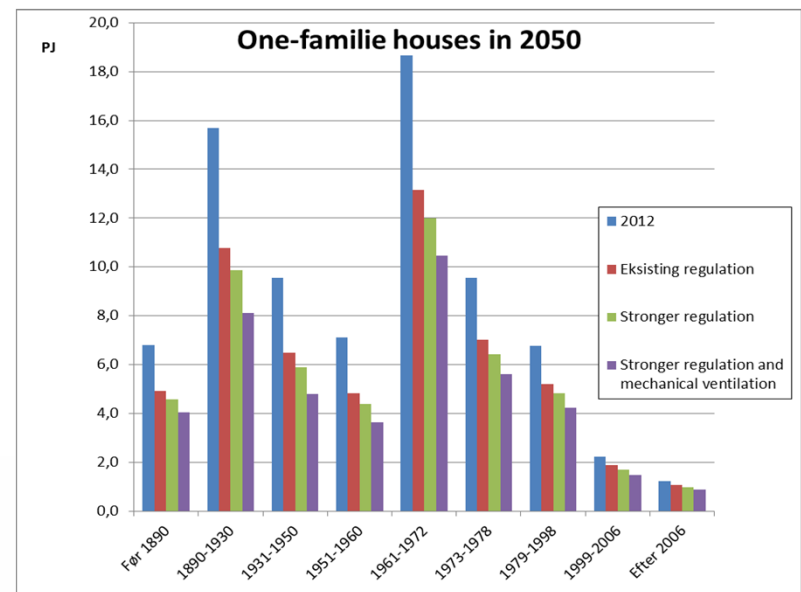
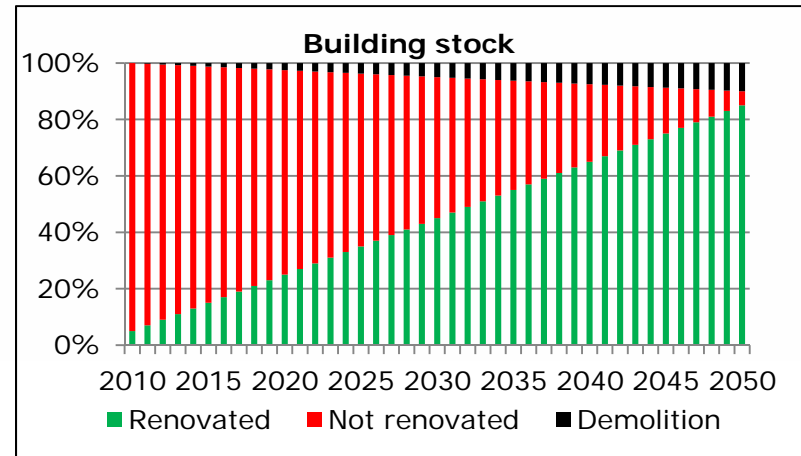
- Regularly update
- Early announcement of next steps
- Voluntary low energy classes – nearly zero energy
- Time to adapt
- Brings cost down – cost-effective

Enforcement important



Existing buildings

- Still a very big potential
- Energy renovation as part of normal renovation
 - Integration of all elements
 - Holistic and components
 - Deep renovations
- Good economy
 - Include all benefits
- New renovation strategy
 - 35% reduction of energy demand in 2050
- Combination of measures



Lessons learned

- Political commitment are needed
 - A target is a very strong commitment
 - Targets work
- Combination of measures are needed
 - Economic incentives – energy prices
 - Regulation – standard, norms, etc.
 - Information and change of behavior
- Thank you for your attention
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