

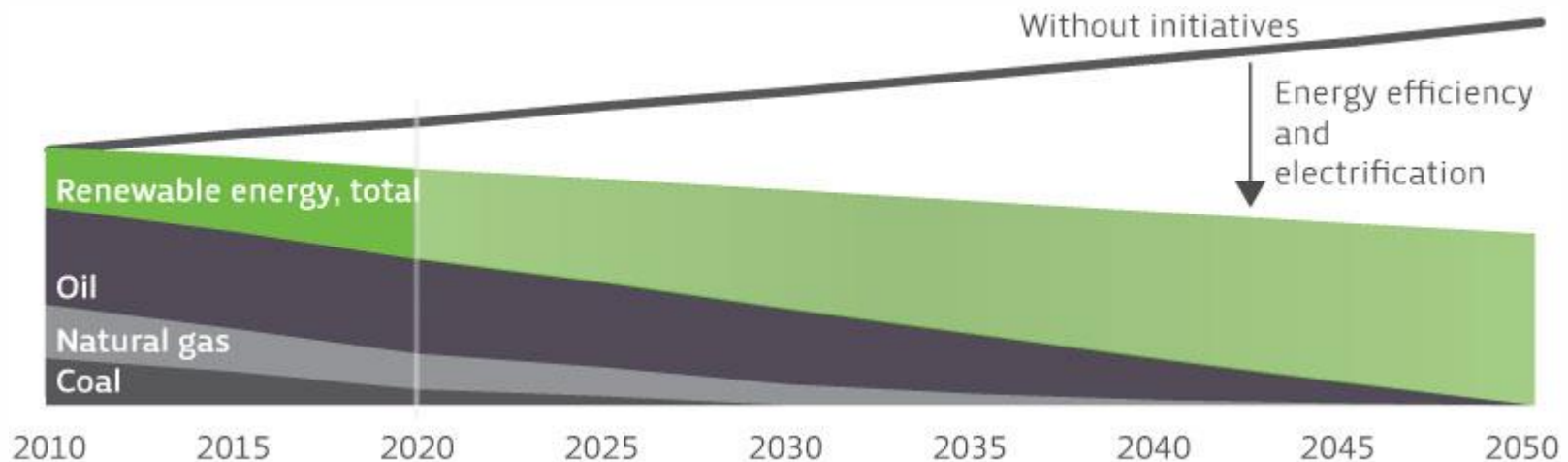
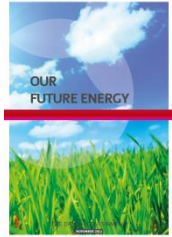


Danish strategy for renovation of existing buildings
Engaging with national stakeholders

Peter Bach

Renovate Europe Day 2013
9th October 2013 in Brussels

Danish energy target: 100% renewable energy in 2050



- Strong improvement of energy efficiency in all sector
 - Includes electrification
- Increased use of renewable energy

Energy agreement 2012

These are the headline results for 2020:

More than 35% renewable energy
in final energy consumption

Approximately 50% of electricity
consumption to be supplied by wind power

7.6% reduction in gross energy
consumption in relation to 2010

34% reduction in greenhouse
gas emissions in relation to 1990

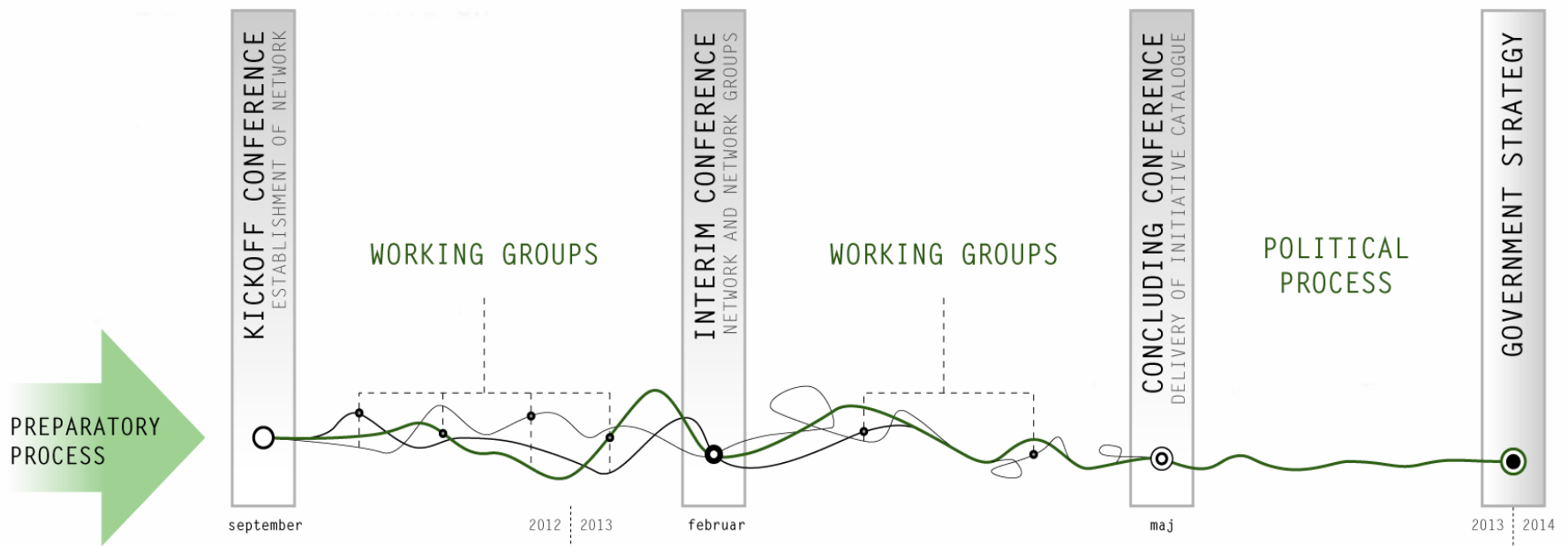


A comprehensive strategy for energy retrofitting of all Danish buildings will be presented in 2013.

Development of renovation strategy

- Decided in March 2012
- Work started in Summer 2012
- September 2013 – May 2013:
 - Network process
 - New studies – more knowledge
- June – December 2013:
 - Work inside the Government
 - The Governments strategy will be publish in December 2013

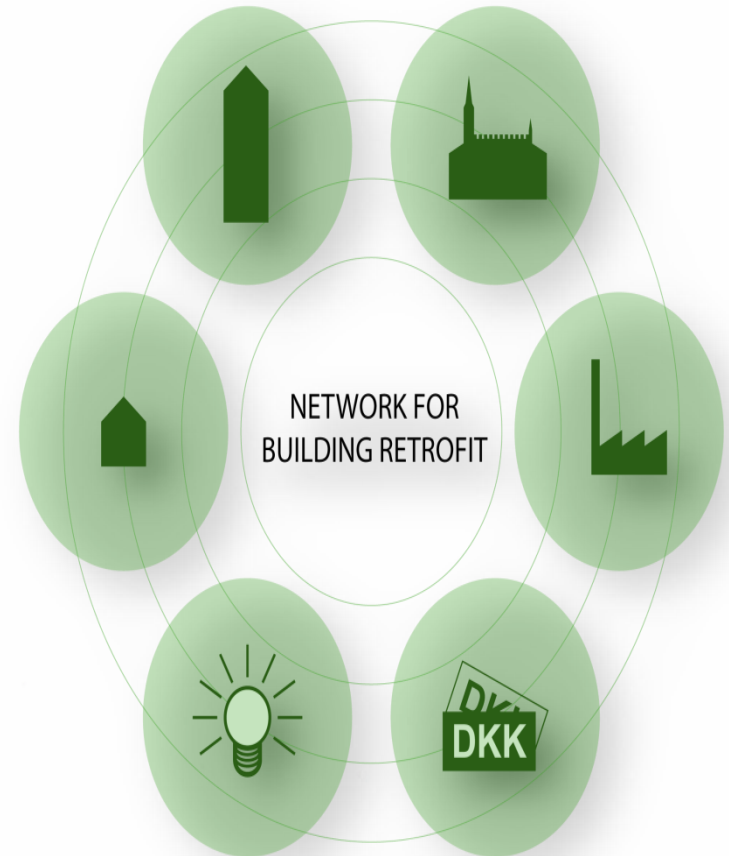
Involvement of stakeholders - network process



- Strong commitment by the Minister
- 45 organizations involved

Working groups

- SINGLE FAMILY HOUSES
 - FLATS
 - PUBLIC BUILDINGS
 - BUSINESSES
 - FINANCING AND ECONOMIC SECURITY
 - INNOVATION AND GREEN BUSINESSES
-
- 200 PARTICIPANTS

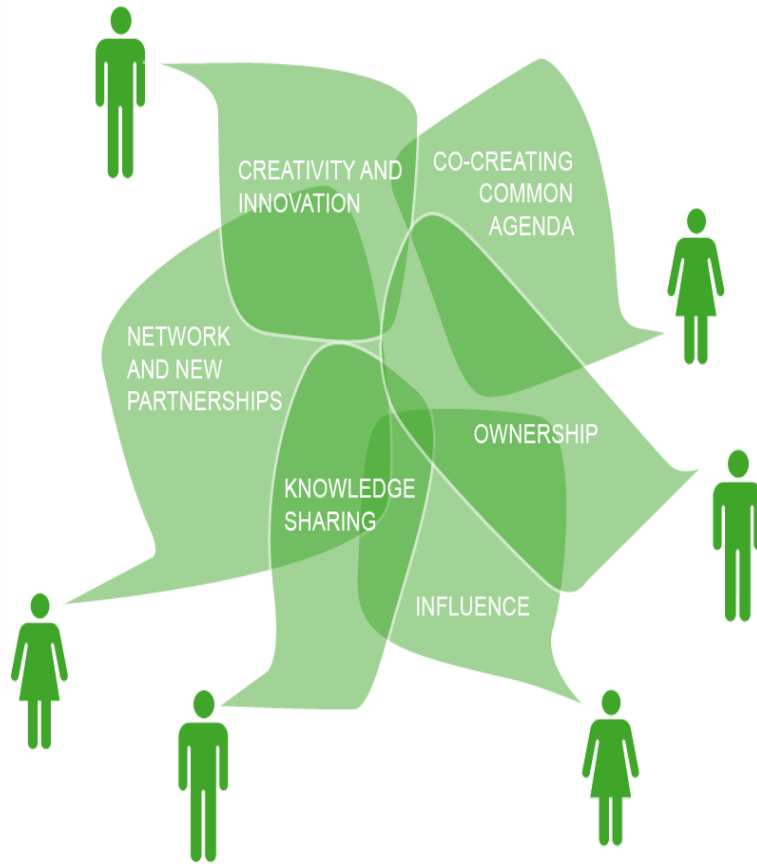


New studies

- Saving potentials until 2050
- Stronger EE requirements for components
- Requirements for components, competitiveness and eksport
- Relation between energy certification and market prize
- Incentives and measures
- Compliances
- Indoor climate
- Behavior and energy consumption
- Actual experiences with energy renovation
- Renovation, heat pumps, Smart grid and district heating
- etc.
- <http://www.ens.dk/byggeri/energirenoveringsnetvaerk/analyser>

Outcome of process?

- Strong input to the Minister and Government



- Engagement and commitment
- Influence on the final strategy??

Thank you for your attention

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