

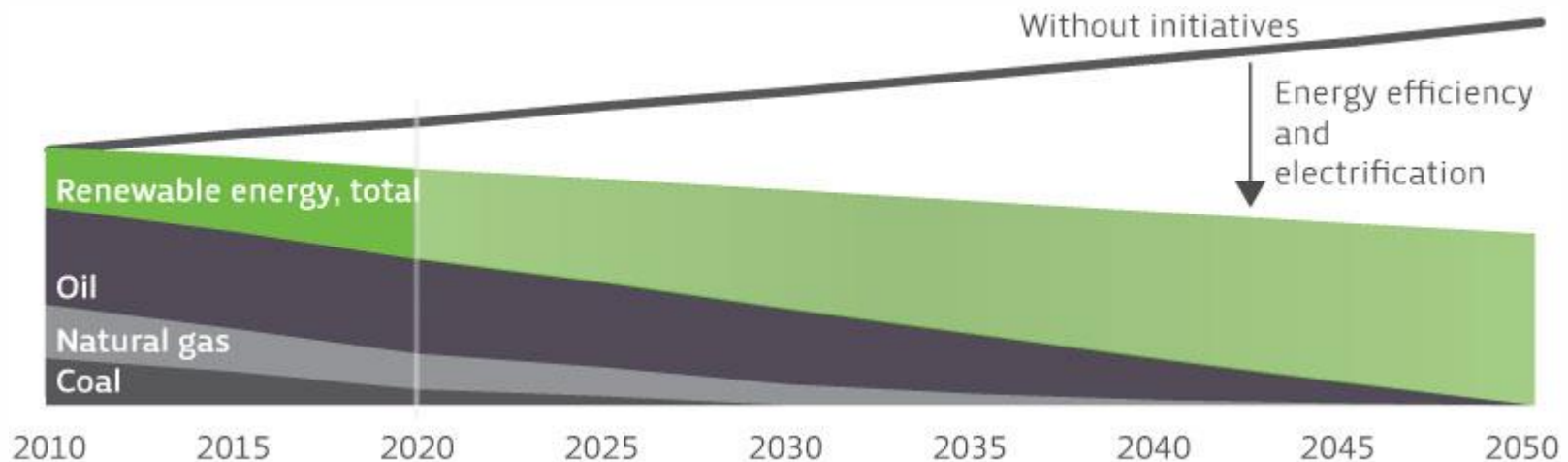
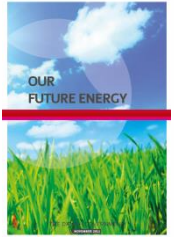


**Danish strategy for renovation of existing buildings**  
**Engaging with national stakeholders**

Peter Bach

Renovate Europe Day 2013  
9<sup>th</sup> 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

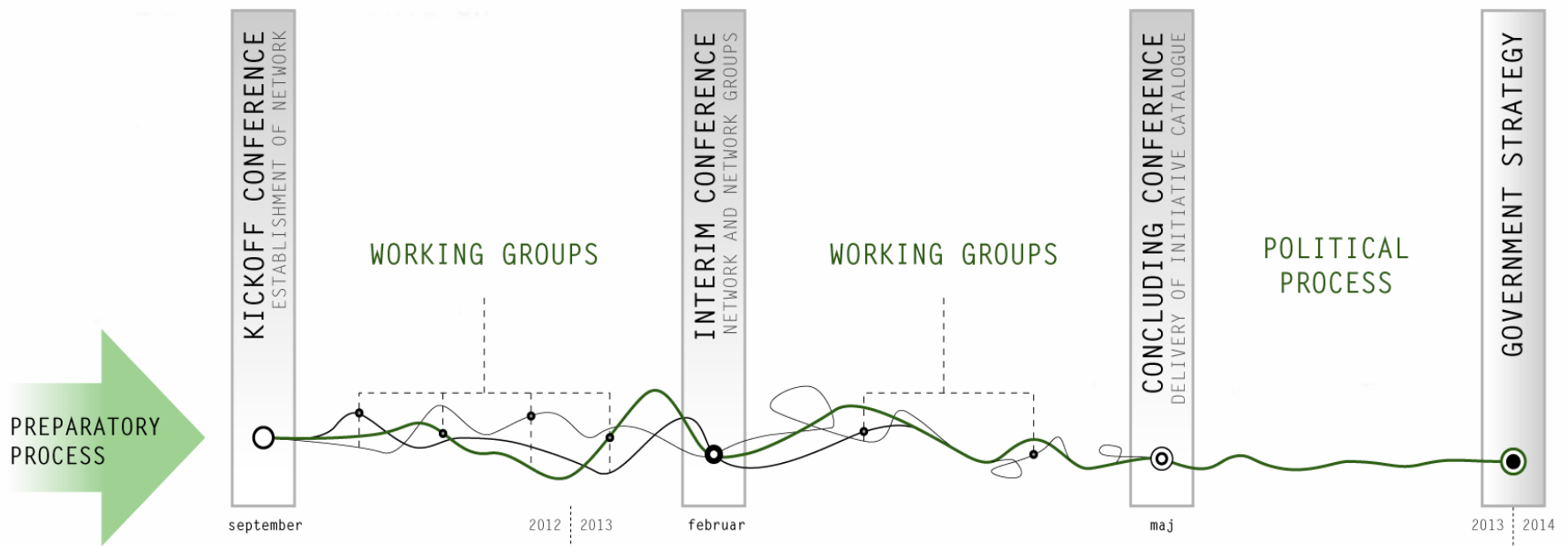


A comprehensive strategy for energy retrofitting of all Danish buildings will be presented in 2013.

# 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

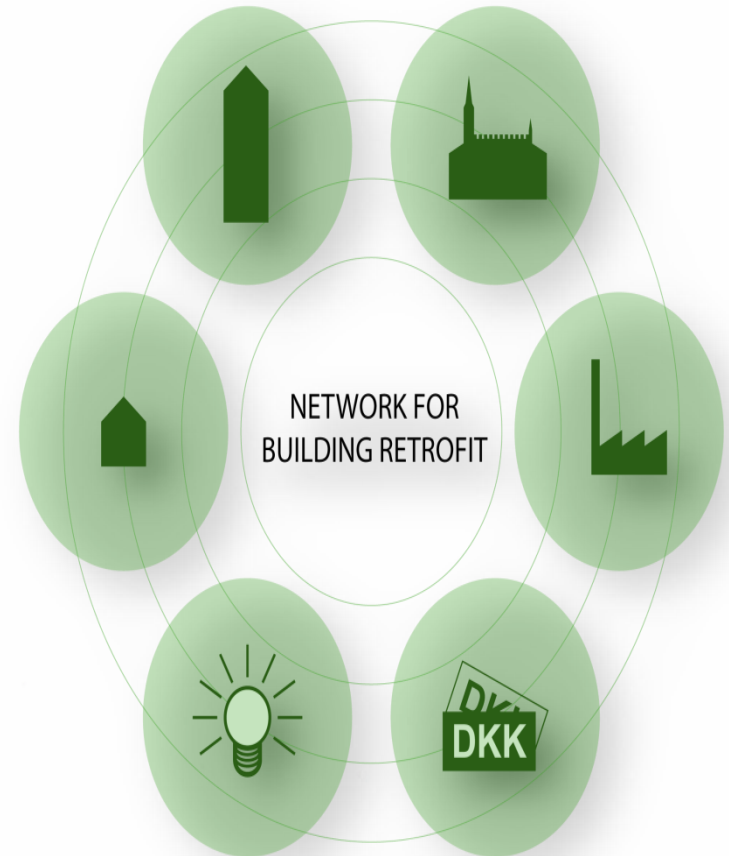
# Involvement of stakeholders - network process



- 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

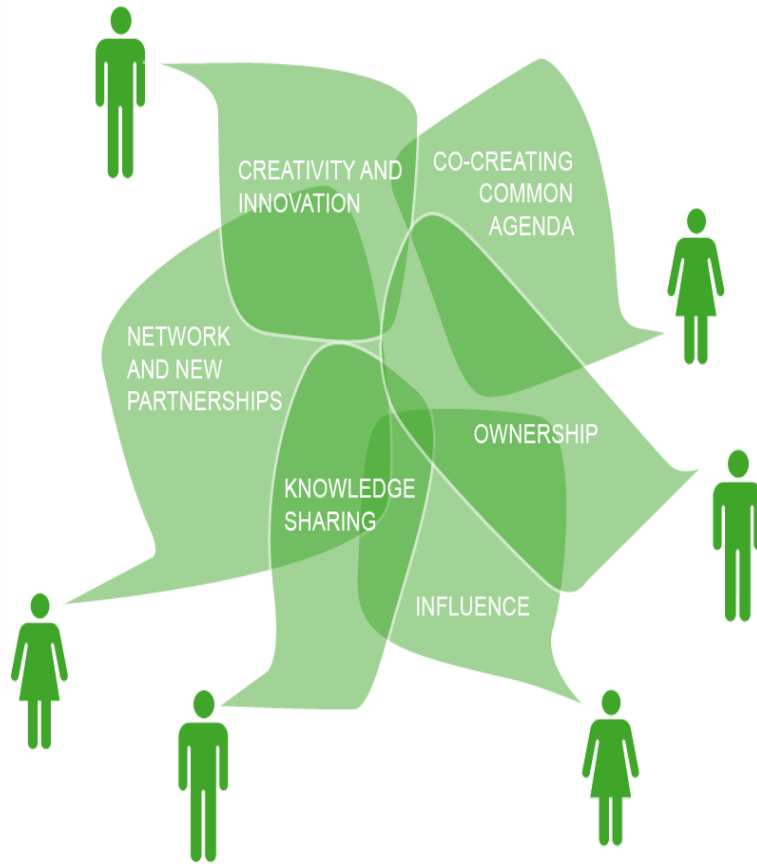


# New studies

- 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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