



## WP7 WORKSHOP: SAVING ENERGY IN THE BUILT ENVIRONMENT

**Date:** June 17, 2014 **Address:** Lange Voorhout 16, The Hague

The WP7 Workshop entitled „Saving energy in the built environment“ took place on June 17, 2014 at the Hague Centre for Strategic Studies (HCSS) . It focused on two key presentations and a expert discussion of the macro-environmental impacts of past innovations in buildings and built environment.

The workshop presentations covered the results of separate studies related to three challenges related to innovations:

- Innovation diffusions
- Effectivity of policies
- Effectivity of measures

### Program

<b>16.00</b>	<b>Welcome and introductions – Guus Mulder</b>
<b>16.10</b>	<b>What can we learn from the past? A European comparison from 1970 till now – Rosalinde Klein Woolthuis</b>
<b>16.30</b>	<b>Modelling for the future? What is the effect of sustainable technologies on the energy efficiency of the built environment – Jeroen Brouwer</b>
<b>17.00</b>	<b>Expert discussion: The way forward? – Moderator: Guus Mulder</b>
<b>17.45</b>	<b>Closing and drinks</b>

### Outcomes of the workshop

The research presentation of *Rosalinde Klein Woolthuis* described the patterns of how some innovations in specific countries diffuse faster than others, which role different actors play in this diffusion and what effect this has on the spreading of innovative technologies.

*Jeroen Brouwer* built his presentation on results of a model that looked into the energy reduction of innovations of a single house to average European standards and tried to magnify the effects for the housing stock as a whole and completed the energy reduction simulation values with LCA data for the production of the innovation as well as for the end of life value.

The concluding *discussion* was built on exchange of ideas between the researchers and policy makers from energy efficiency in the housing and construction sector. Based on questions and issues raised, the session indicated importance of consumption behavior, aspects of rebound effects and differences between considering different types of data for measuring both diffusion of innovations and strong innovative leaps across different European countries.