



European
Commission



National Renovation Strategies

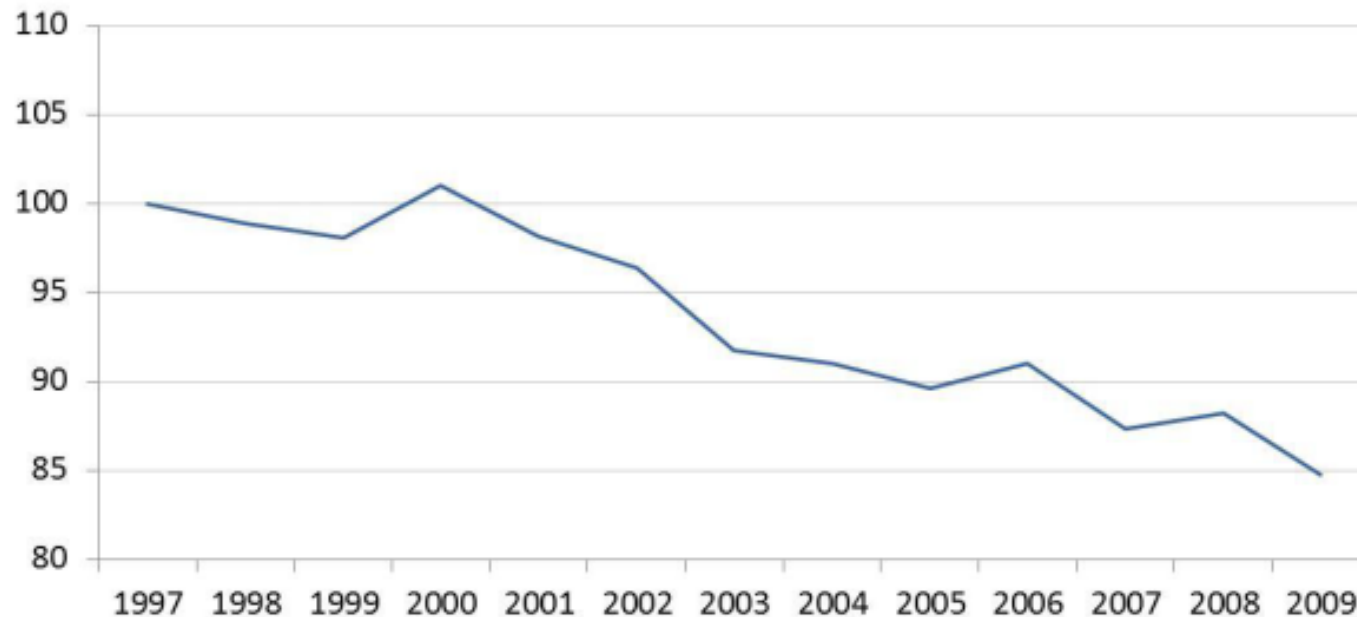
The Commission's perspective

Renovate Europe Day 2013
9 October 2013
Brussels

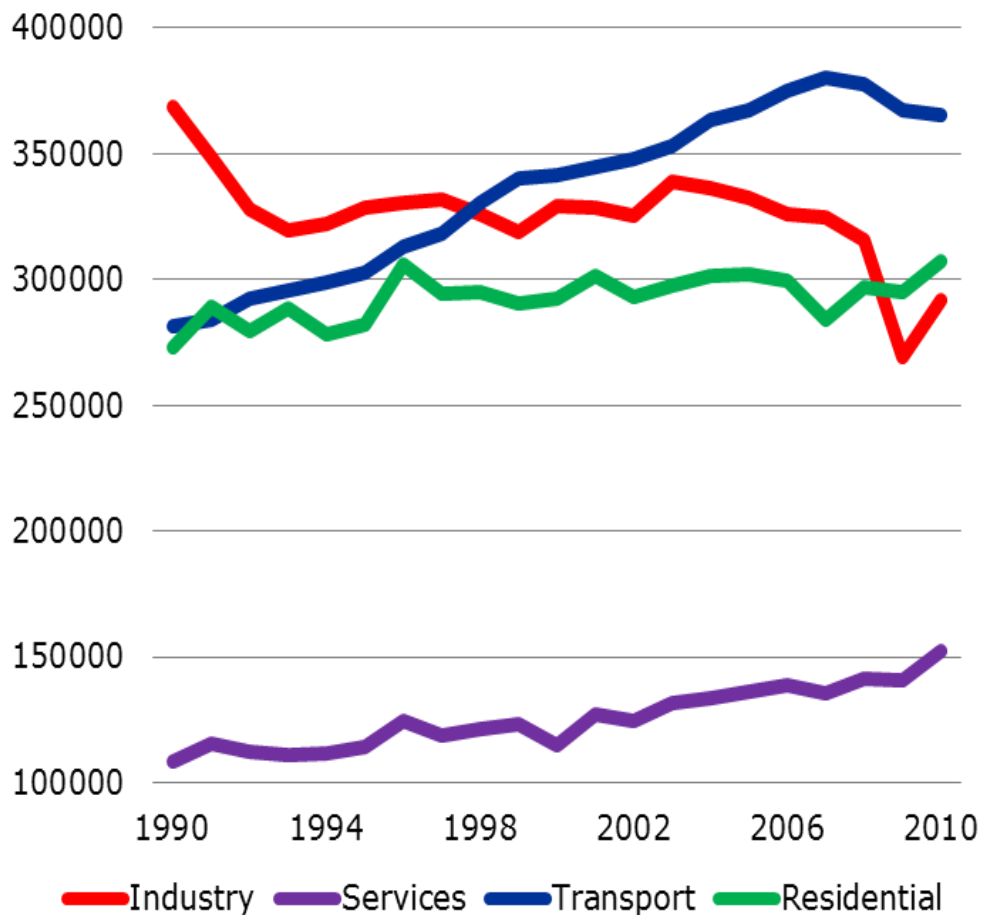
Paul Hodson
Directorate-General for Energy
Head of Unit Energy Efficiency

The efficiency of buildings in the EU has been steadily improving...

Energy efficiency trend for space heating in dwellings



EU Sectorial energy consumption

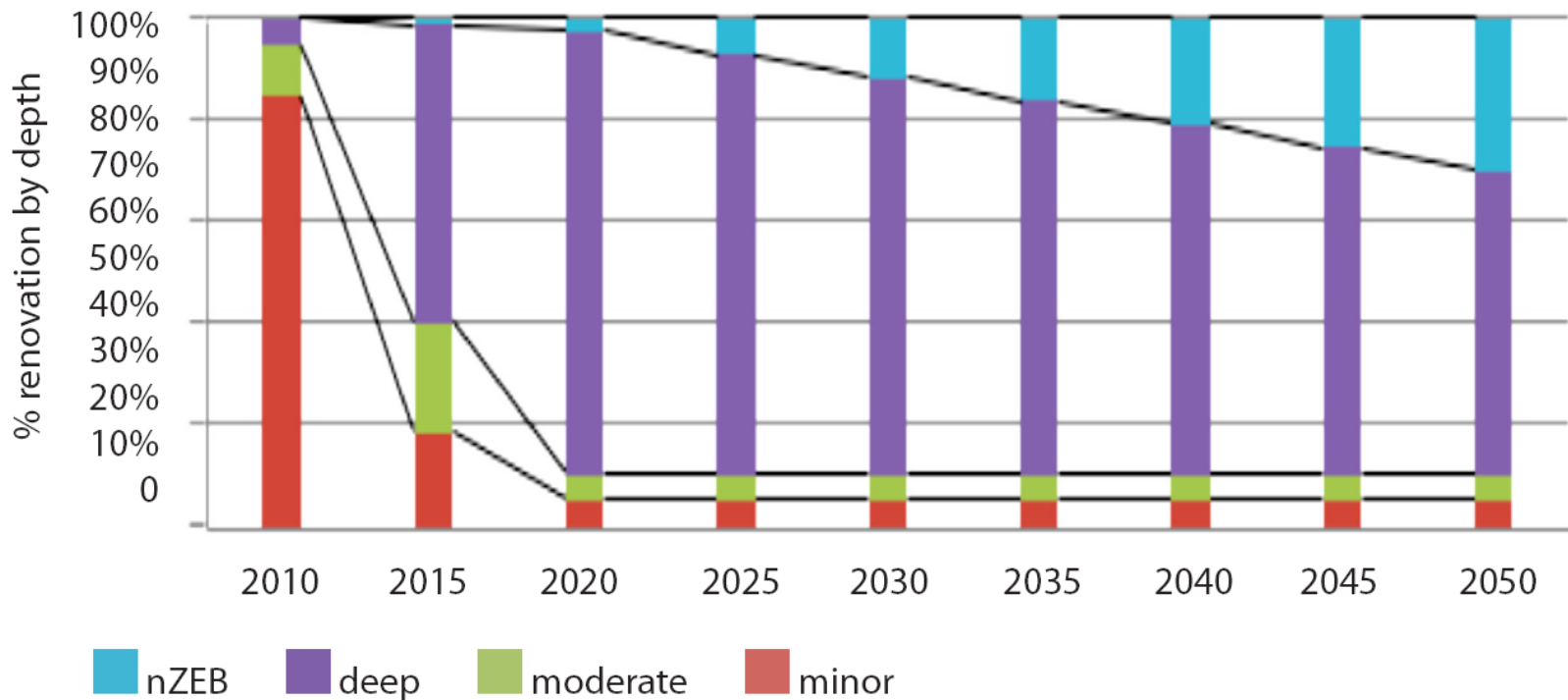


...but residential consumption has been steadily growing!

Current renovation rates are too low

Country	Residential	Non-residential	Unspecified	Comment
FI			1-1.5%	
DE			0.7%	
HU	1.30%			
IT			1.20%	
Other sources*				
Novikova (2008)			1%	
Janssen (2010)			1.2-1.4%	
Petersdorff (2004)			1.80%	EU 15
Lechtenböhmer (2009)			1%	EU 27

And renovation depth is too shallow



We need a radical reversal of current trends

	'90-'00	'00-'10	'10-'20	'20-'30	'30-'40	'40-'50
	Annual % Change					
RESIDENTIAL SECTOR						
Final Energy Demand (in ktoe)	0,8	0,7	-1,0	-1,3	-1,6	-2,1
<u>By end use</u>						
Heating and cooling (incl. cooking)	0,7	0,5	-1,4	-1,7	-2,2	-3,2
Electric appliances and lighting	2,0	1,6	1,4	0,4	0,8	0,7

Benefits of increased renovation

Energy savings

Reduced energy imports

Combatting energy poverty

Increased purchasing power

More jobs

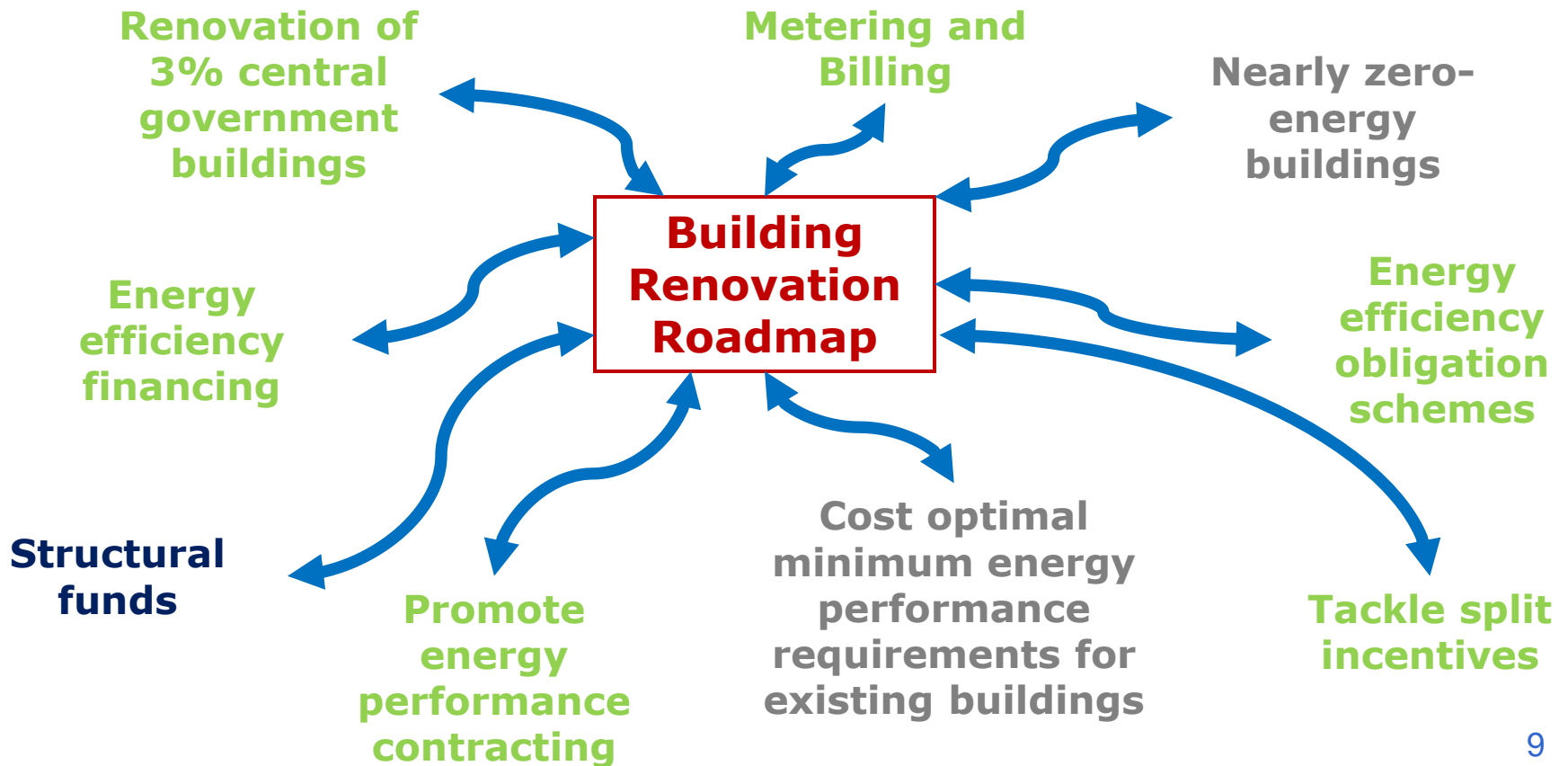
Better comfort and health

Energy Efficiency Directive Article 4

Member States shall establish a long-term strategy for mobilising investment in the renovation of the national stock of residential and commercial buildings, both public and private.[...]

**First strategy to be published by
30 April 2014**

Renovation roadmap brings together various elements of the EED/EPBD



Our expectations

- **Ambitious strategy covering entire building stock**
- **Assessment of barriers (e.g. split incentives)**
- **Link with other policies (e.g. EPBD)**
- **Involvement of key actors**
- **Focus on 'forward looking' financing**
- **Public sector to lead by example (see also Art. 5)**

Our focus going forward

- **Support implementation by Member States**
- **Encourage a comprehensive and structured approach through the NEEAP reporting**
- **Closely monitor the implementation of relevant provisions of the EED and EPBD**
- **Improve access to financing**

Thank you for your attention



"Our dream is to live long enough to see the end of our renovation."

Article 4 in more detail

Including:

- **Overview of national building stock**
- **Identification of cost effective approaches to renovations**
- **Policies and measures to stimulate deep renovations**
- **Forward looking perspective to guide investment decisions**
- **Estimate of expected energy savings and wider benefits**