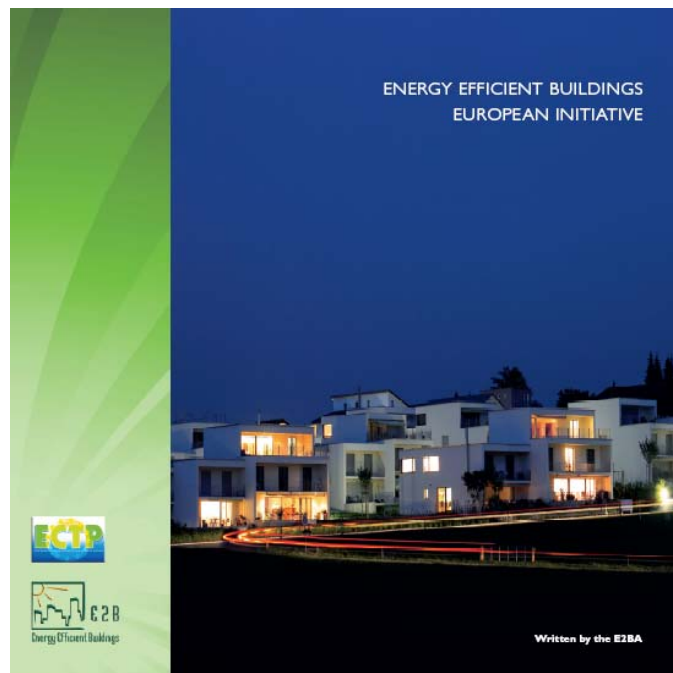




E2B EI

European Initiative on Energy Efficient Buildings



Jacques ODDOU

EDF R&D

Vice President

Energy Efficient Buildings Association

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Brussels 24/25 November 2009**



Energy and buildings : a challenge

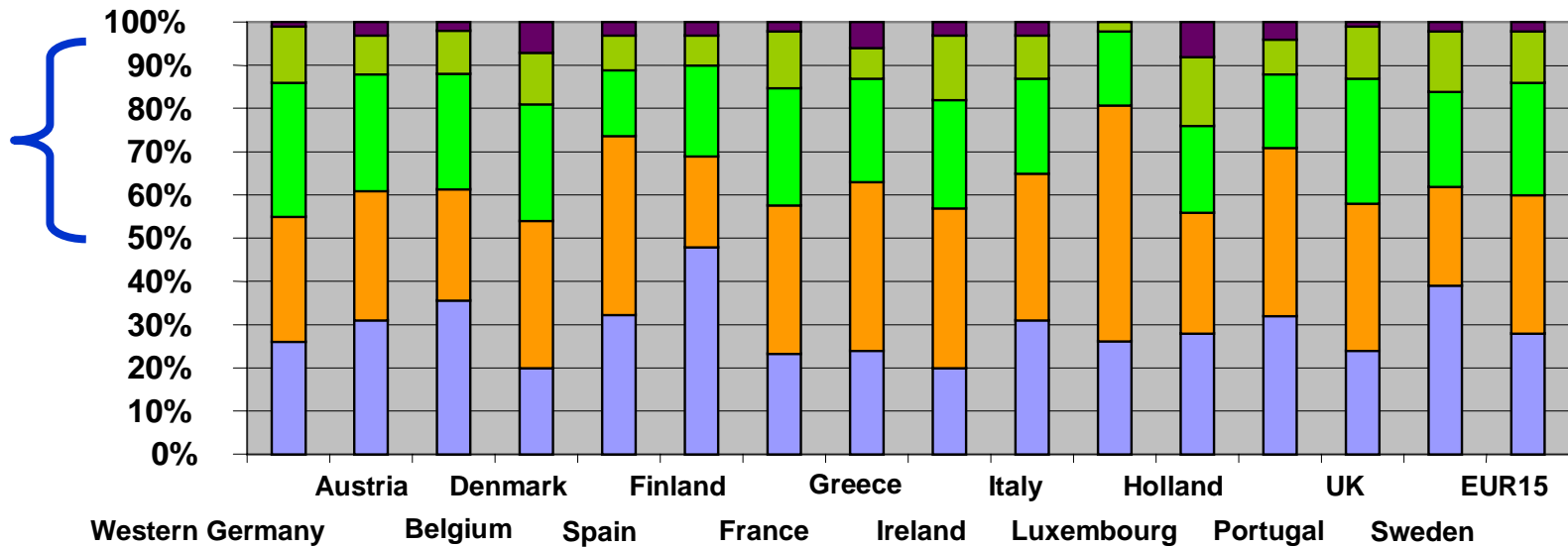
E2BA : why and what ?

The first job : a roadmap

Ambition for next steps

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Building sector is today the largest energy consumer : 40 % in Europe



ADEME



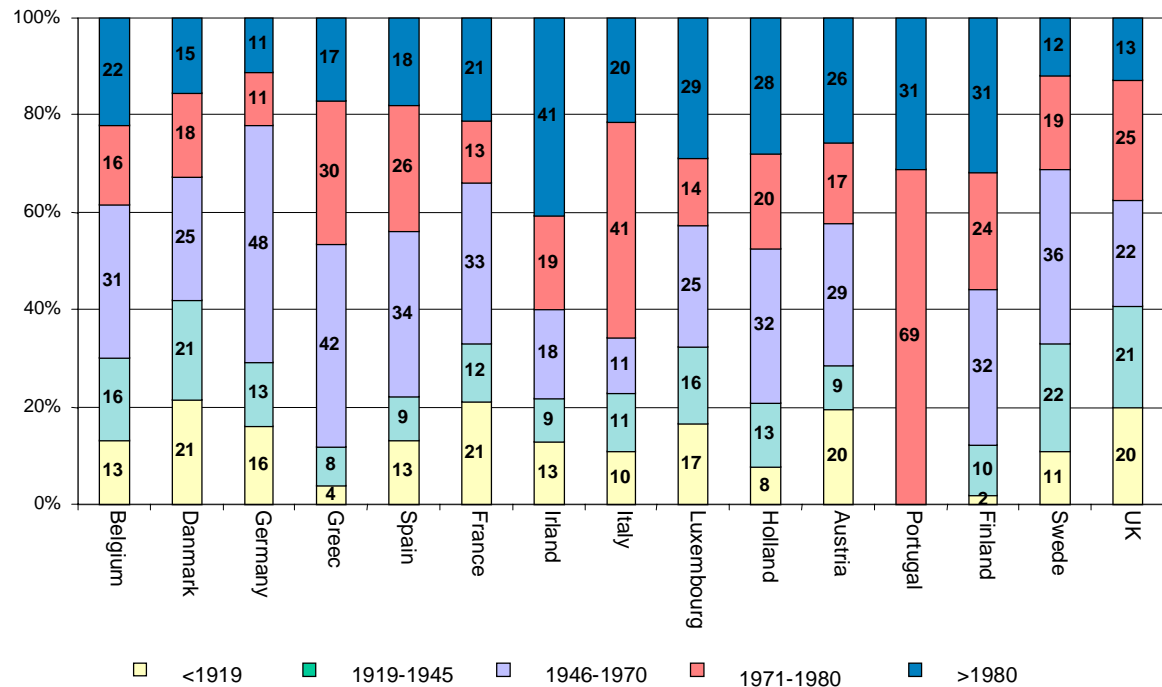
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... but building stock is old and “natural” renewal of building stock is very slow

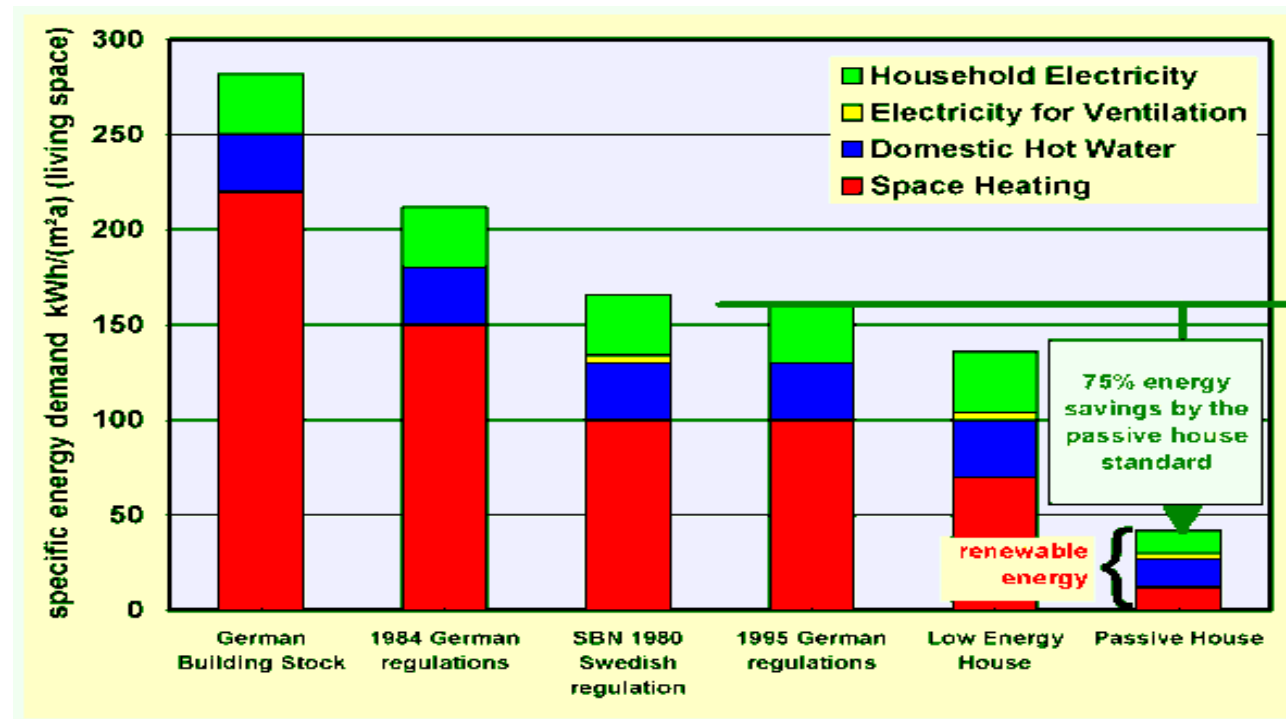
“New buildings” since 1971



Composition of European dwelling stock



Energy efficiency of existing dwellings is poor especially for heating



European project Cepheus

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Energy and buildings: a key role in 20/20/20 EU targets

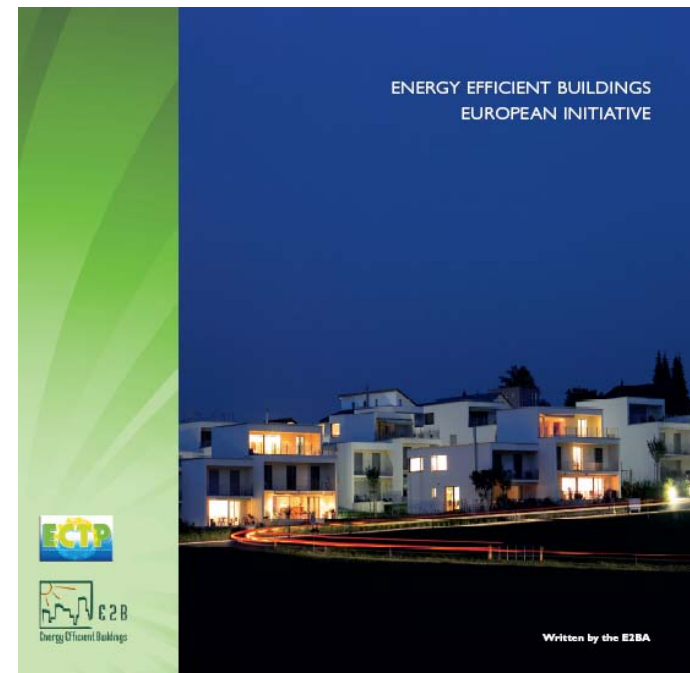
- Buildings use 40 % of total EU energy consumption
 - The built environment generates 1/3 of GHG in Europe
 - Efficient new buildings construction is a necessity ...
 - ... but existing stock retrofitting is a priority and a difficult challenge
- ECTP chose EEB as its first priority in its Implementation Action Plan in June 2007
- Energy Efficient Buildings European Initiative was part of the recovery Plan announced by EC in November 2008 and was confirmed in July 2009

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Energy Efficient Buildings European Initiative 2009/2019

A €2bn research and demonstration program :

- to increase research and develop competitive industry in energy efficient construction, products and services
- to address climate change, reduce CO₂ emissions and improve EU energy independence
- initiated by members of ECTP and interacting with other ET Platforms



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Energy and buildings : a challenge

E2BA : why and what ?

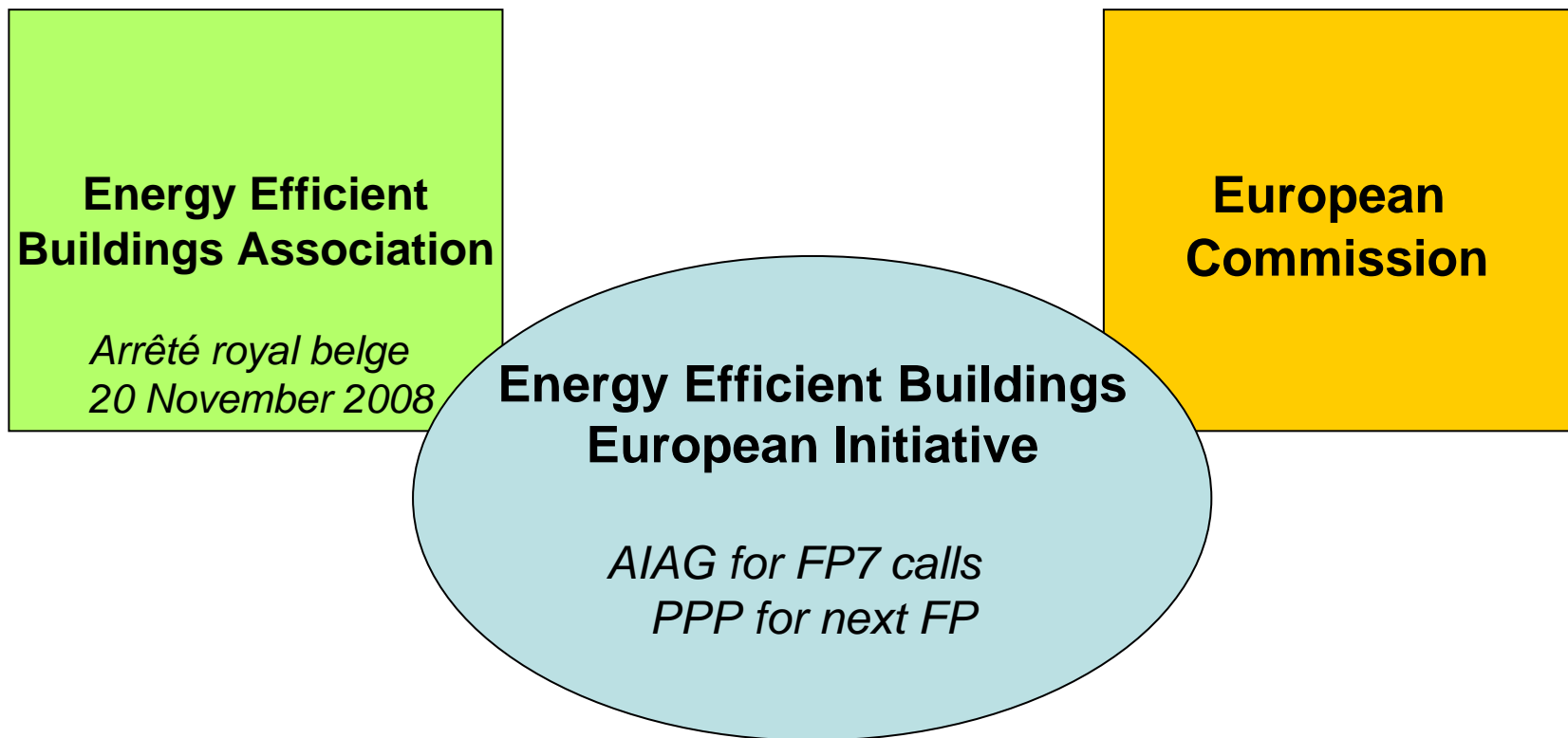
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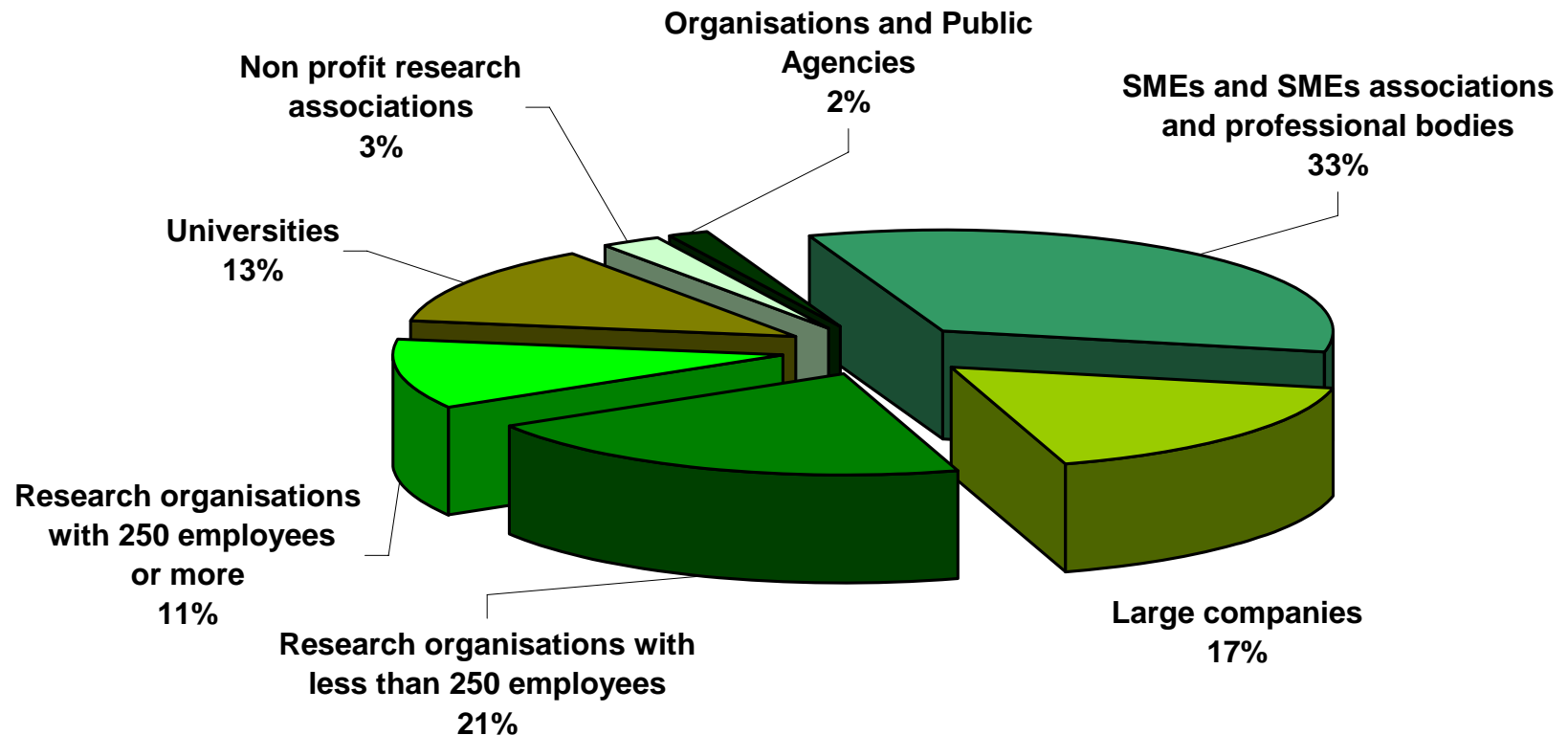
E2BA : a legal entity representative of construction Industry and Research to manage E2B EI partnership with EC



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E2BA membership

*9 founding members
132 members (5 Nov /2009)*



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E2BA – achievements and action plan

- achieved
 - ➔ Incorporation, Statutes, Secretary General, Membership
 - ➔ Steering Committee
- first steps
 - ➔ Roadmap for research FP7 calls 2010-2013
 - ➔ Definition and set-up of the PPP instrument with EC

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Energy and buildings : a challenge

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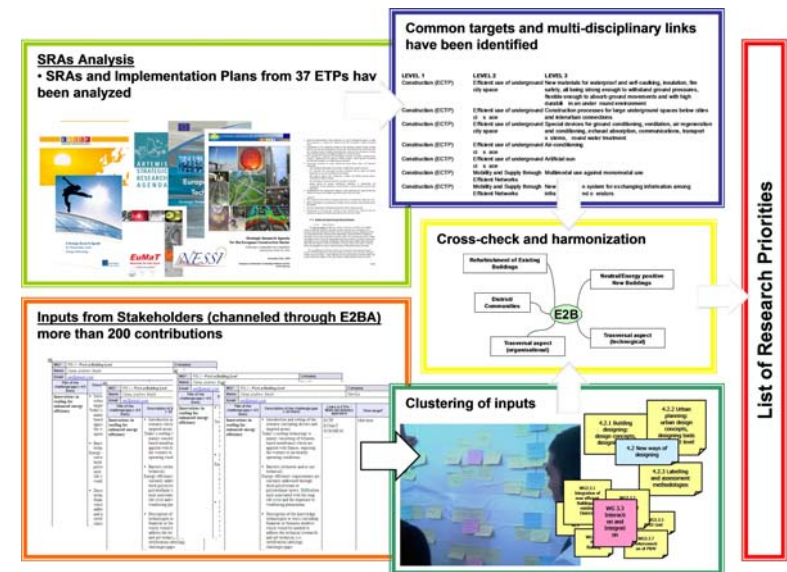
Ambition for next steps

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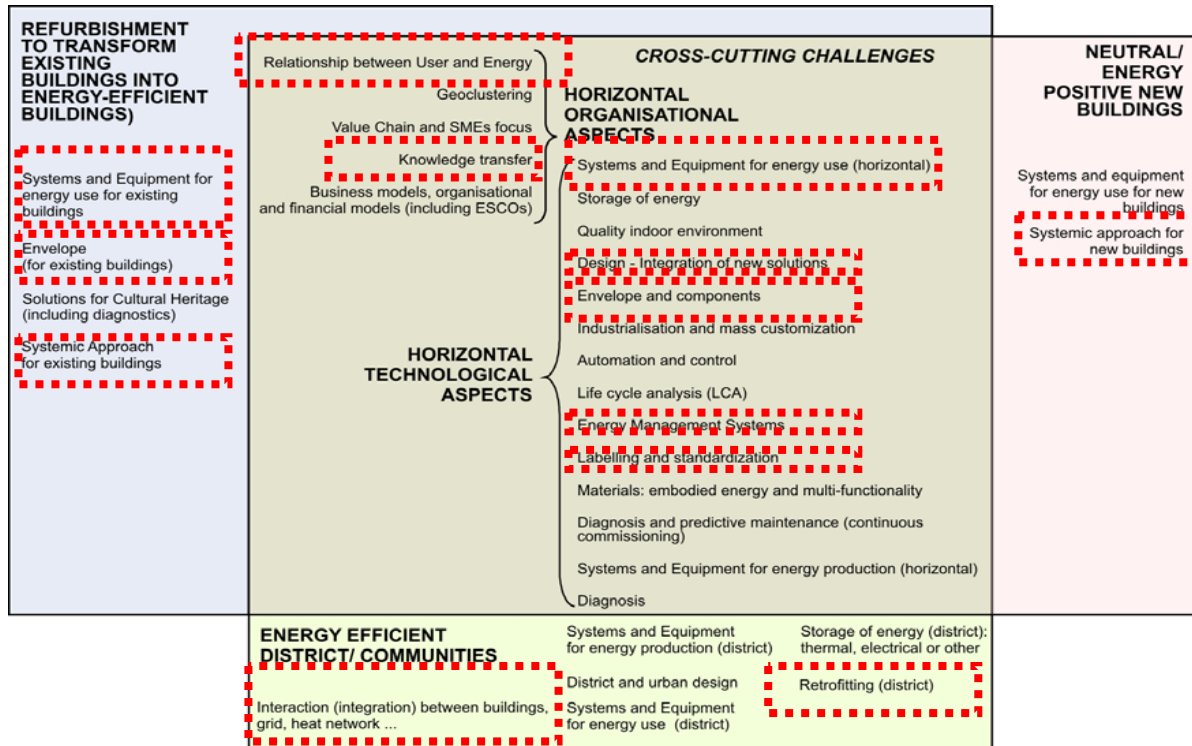
A Multiannual Research Roadmap

500 millions € dedicated over 2010-2013 FP7 calls

- Built with EC in AIAG
- Analysis of ETPs/JTIs SRAs/SET Plan Roadmaps (SETIS)
- Over 200 contributions from E2BA members highlighting research challenges and opportunities
- and many outside stakeholders comments and inputs (ETP's, public agencies..)



Multiannual Research Roadmap



Dead-line for last contributions : 30 Nov 2009 !

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Energy and buildings : a challenge

E2BA : why and what ?

The first job : a Roadmap

Ambition for next steps

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Next steps :
build a Public - Private Partnership with EC

a “win-win” PPP common approach in order :

- to focus research and demonstration calls***
- to choose the best projects in bids***
- to monitor the project results***
- to ensure a proper implementation and dissemination of the best results***

Industry and all E2BA members are ready for this partnership !

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**Thank you for your
attention**

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ENERGY EFFICIENT BUILDINGS
EUROPEAN INITIATIVE



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