



● EU Recovery Plan for the Building Sector

-Research elements -



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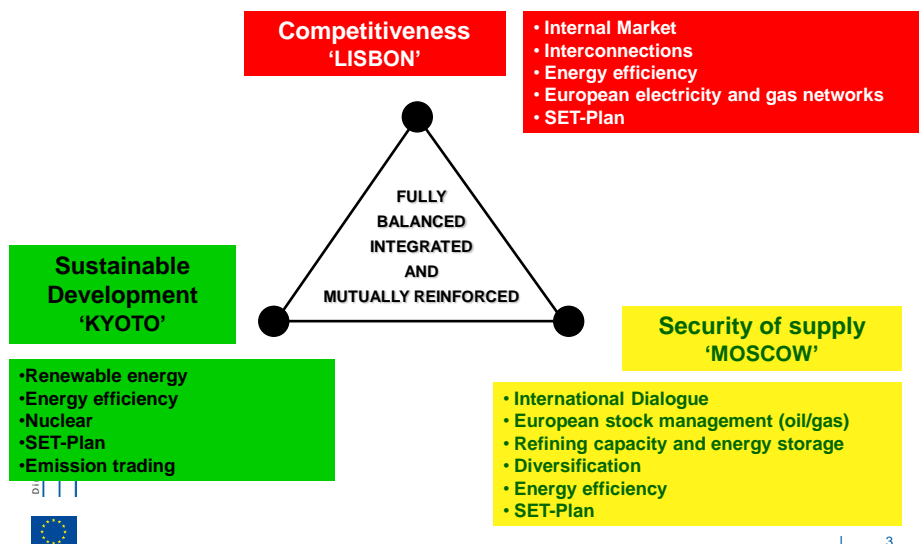
05/03/2009

● OVERVIEW

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- **EU policy framework**
 - **SET-Plan**
 - **European Economic Recovery Plan**
 - **Conclusion**
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THE THREE DRIVERS



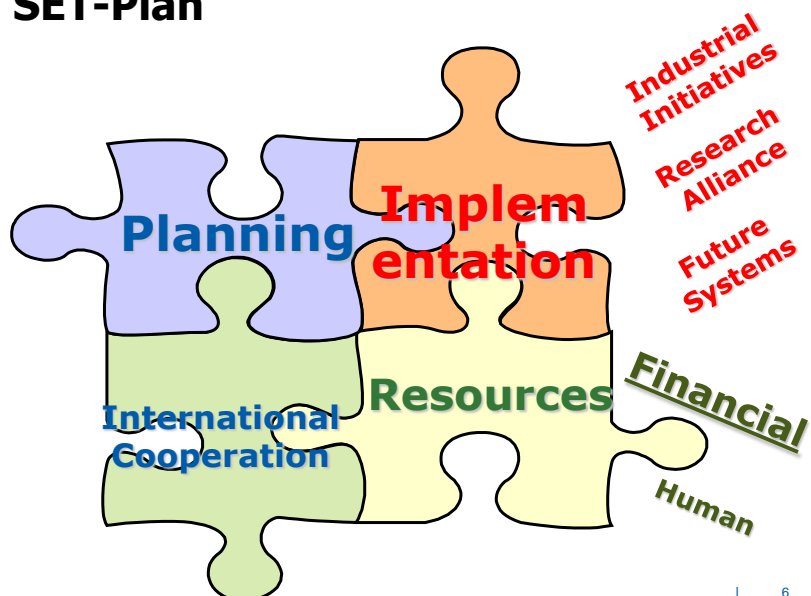
Instruments to address the EU challenges

- **Legislation for RES, EE, etc.**
- **Strategic Energy Technology Plan**
- **Technology push**
(Industry, EU's FP, national programmes)
- **Market Pull**
(ETS, CIP, national measures, etc)
- **Recovery Plan**

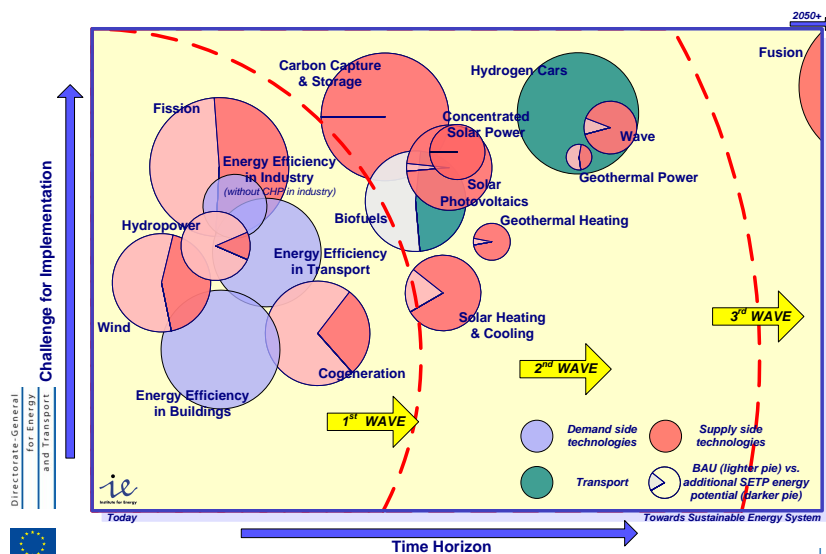
● SET-Plan – An energy technology policy

- Technology is vital piece of the Energy Policy jigsaw
- Today we are falling short
- Intrinsic weaknesses in energy innovation
- Europe should lead the world in energy technologies
- Time is of the essence

● SET-Plan



Potential of technologies



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CONCERTO & IEE: two approaches with the same goal

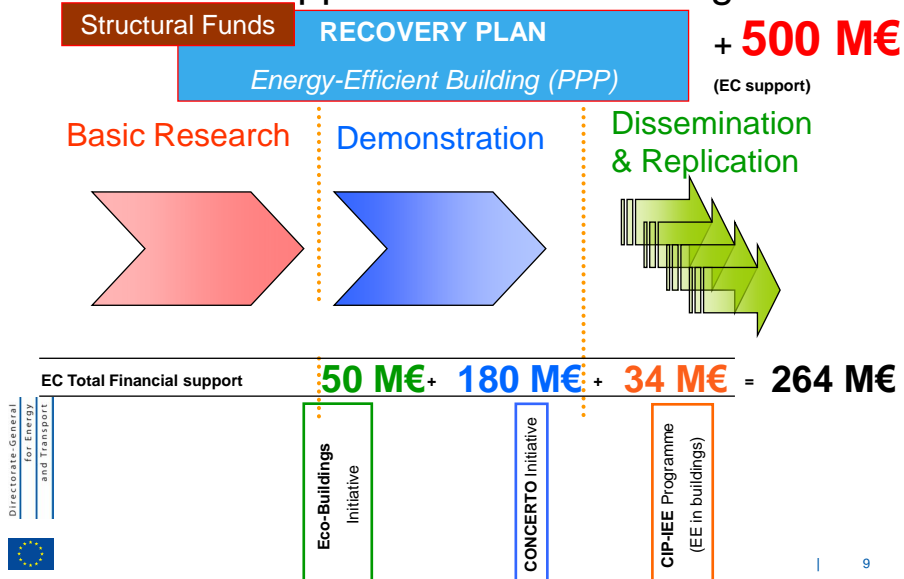
- **Same goal and targets:**
 - deployment of new technologies
 - serving the 20.20.20 targets
- **Complementary approach:**

CONCERTO: large scale integration in a real life laboratories of RES and EE in building

IEE: downstream, addressing non technological barriers for accelerating market deployment of new technologies

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Financial Support for EE in Buildings



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European Economic Recovery Plan Energy Efficient in Buildings PPP

- **1 bn € PPP** (50% EC / 50% Industry)
- Technologies for new buildings and **refurbishment**
- **Standardisation** and Regulatory effort
- **“Public Procurement Network”**

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● European Economic Recovery Plan Energy Efficient in Buildings PPP

- **Instrument - FP7**
- **Cross Thematic** coordinated Joint Calls
- **Research & Demonstration**
- Following the SET-Plan logic



● European Economic Recovery Plan Energy Efficient in Buildings PPP

- **Potential** Topics for Demonstration: Period 2010 – 2013

- » **Intelligent Use of Innovative materials, Standardised Construction Processes, Passive House**
- » **ICT, domotics, artificial intelligence**
- » **Building as an Active Grid Partner**
- » **Energy efficient retrofitting**
- » **Demonstration of new service models as a “whole chain” of building block provider**



Conclusion

- In buildings, available **technology opportunities** must be turned into **business opportunities**
- Demonstration of new technologies in particular for **refurbishment** is essential to achieve our goals
- The **Best Practices** and **Scientific Excellence** from the **CONCERTO** should provide a basis for future policy making
- Ample **Monitoring** of CONCERTO achievements is the best outcome to be handed over to **IEE**
- **IEE Call 2009** priorities for buildings are: professional **training schemes** and **residential buildings** energy performance improvements
- One **Buildings Research Roadmap** could draw up the vision for each actor to optimise its own Strategy ?



Thank you for your attention!

More information on the latest development of energy technology innovation is available at:

http://ec.europa.eu/energy/technology/index_en.htm

