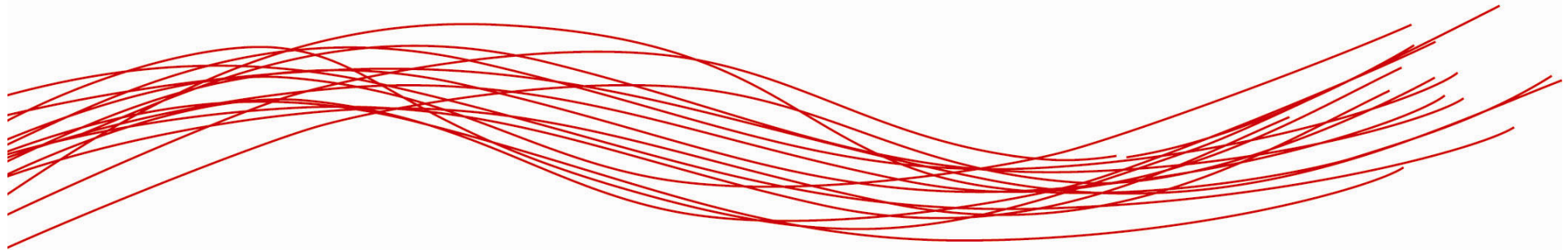




Energy Efficient Buildings

ENV Theme (call 2012)



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Michel Chapuis
Unit « Environmental Technologies »
Directorate« Environment »
DG Research & Innovation
European Commission
michel.chapuis@ec.europa.eu

Disclaimer: Note that this presentation is not legally binding and does not represent any commitment on behalf of the European Commission



Call: FP7-2012-NMP-ENV-ENERGY-ICT-EeB ENV. Theme

- **Topic of the call : EeB.ENV.2012.6.6-2
“Concepts and solutions for improving energy efficiency of historic buildings, in particular at urban district scale”**

Funding scheme: SME targeted collaborative project

Maximum EC contribution: 5 000 000 Euros

Up to one project funded



Domain and objectives of the topic

- **“Historic” means in this call 'old' buildings and houses representative of pre-1945 periods, mostly not protected by legislation**
- **Developing new concepts, technologies and systems which fully exploit the urban district dimension by integrating renewable energy sources, smart lighting, metering and management systems**
- **Searching for an integrated approach considering multifunctional envelope retrofitting approaches which preserve aesthetics**
- **Including protocols, planning, modelling and implementation tools for rehabilitation, monitoring & control of energy consumption**





Specific conditions required for cultural heritage

- **Planning of rehabilitation works to consider the specific cultural value of the historic buildings (=integrity, authenticity and compatibility between old and new materials and techniques)**
- **“On site” technical demonstrations and testing to validate technological options and prove their economic viability and replication potential under different climatic conditions**
- **But operational interventions should be applicable to a wider range of districts/groups of historic houses**



Specific conditions (continued)

- **Significant participation of industrial partners and SMEs required** (*35% minimum of total estimated EU contribution to the project allocated to SMEs*)
- **Participation of local authorities, agencies or associations of citizens**



Expected impacts

- Provide best practices that may be applied and transferred to other EU cities
- Contribute to the European Economic Recovery Plan, to the EU Energy Performance of Buildings and other relevant policy regulations through the required quantification of energy savings (EU Strategy 2020)
- Implement the EU Environmental Impact Assessment Directives applied to the built heritage
- Improve living and social conditions in cities and enhance cultural tourism



FP7 & The Environment Theme

- **Calls & Docs** : <http://cordis.europa.eu/fp7/calls>
http://cordis.europa.eu/fp7/environment/home_en.html
http://ec.europa.eu/research/environment/index_en.cfm?pg=cultural
- **NCP Network** : http://cordis.europa.eu/fp7/ncp_en.html
- **Evaluators** : <http://cordis.europa.eu/experts>
- **Technology Platforms** : http://cordis.europa.eu/technology-platforms/home_en.html
- **Innovation Union website**: <http://ec.europa.eu/research/innovation-union/>



Thank you for your attention: any questions?

