

EurekaBuild (E!3790) Project Idea Form

> Title
Home-Monitor, monitorisation of energy performance in housing.
> Describe your project idea
A multinational company is looking for a monitorisation project for housing blocks. The objective is to get a detailed picture of the real energy consumption and demand of dwellings including all energy sources in use: electricity, natural gas, gasoil, renewable energies and water. The objective is to identify, with the basis of the created data base, the potential for reducing the energy demand and improving energy efficiency via passive building design and the implementation of new building materials and solutions.
> Please explain briefly your expertise
The involved partners are experts on the building material side with specific knowledge and technology for new building material components on one hand side and the architectural integration of innovative systems and materials on the other.
> Please describe what your contribution will be to this project (financial, technological,...)
The project idea is divided into two blocks. In the first place there is the creation of the data base, measuring the behaviour of a real building stock. In a second place an analysis of the potential and possibilities to improve the existing materials and systems integrating new components and solutions. The present project partners cover the material and component side and the know-how about architectural integration. A part of the monitoring and measuring work can also be provided.
> Explain which type of contribution you are looking for (financial, technological,...)
<ul style="list-style-type: none"> - Building owners with access to their building stock to take all necessary measures. - Experts in monitorisation methodologies of energy performance in buildings. - Software for analyzing the collected data and interpretation. - Measurement Technologies for monitoring the energy consumption of dwellings. - Building materials companies interested in improving their products or developing new products for an improved passive building behaviour.

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Remarks			

Date	09/10/2006	To be sent back to secretariat.ectp@cstb.fr and national contact points: hgmayo@ohl.es and agg@cdti.es
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