

<b>IEE - Intelligent Energy for Europe 2006 call for proposal</b>
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### Project proposal brief description

Policies aimed at supporting energy efficiency of the local industries are traditionally oriented by two different approaches: the technological/sectorial approach and the territorial approach. As a result of the adoption of these different single approaches by the different local actors (according to their own competence and nature) companies, also if located within local well defined clusters, are managing individually their energy efficiency, while local public authorities and local energy operators are implementing their own policies.

A number of barriers makes obstacle to optimization of energy efficiency of local industrial clusters: lack of knowledge (companies), lack of adequate evaluation tools (public authorities), lack of the territorial vision (local energy operators), lack of contribution by industrial operators (industrial associations, etc.) and lack of coordination. The development of competencies and local relations may bring to optimal options and the institution of specific structures for the managing of energy efficiency throughout the local industrial cluster (meaning for "cluster" industrial areas, eco-industrial parks, local concentrations of specific industry sectors).

The project aims at:

- applying and developing a model functional to overcome barriers to optimisation of energy efficiency of local industrial clusters and to promote energy savings and use of renewable sources combining the two different approaches above mentioned.
- Providing local administrators and companies with adequate tools to move towards energy optimisation.
- Promoting the diffusion of organizational practices and/or the establishment of local cluster competent bodies for energy optimisation

Steps of the project will consist of analysis of the local contexts and involvement of the local industrial clusters; energy balance of the clusters; preparation of tools (for training, assessment and local decision-making); development of tools for transnational relations and technical support; application and adjustment of tools; synthesis of results.

The project will be better realised with involvement of all actors competent for energy management at local level (public administration, energy agencies, energy providers, companies, etc.).

The project will be prepared having the opportunity of obtaining significant direct results and strategic impacts at European level (wide application of the developed model, integration with other IEE projects, extension of activities and network over the project).

**Partner consortium (so far)**

Italy: Province of Ravenna, Province of Bologna.

Eventual involvement of other interested actors at local level (energy agencies, associations, etc.), depending on final contents of the project proposal.

Other: in discussion participation of Clean Technology Centre (Cork, Ireland), TU Delft (Delft, The Netherlands) and other institutions and agencies.

**Further partners being sought**

Local administrations, development or energy agencies.

The call requirements include the involvement of actors competent for energy efficiency implementation at local level.

**Type of partner and roles in the project**

Project partner, being able to develop work with one industrial cluster at local level, on the basis of the transnational approach of the project. Also coordination of the project, if interested.

**Financial conditions of participation**

Max 50% co-financing from EC

**Foreseen project duration**

24-36 months, to be established and agreed by project partners.

**Budget**

Depending on the role of different kind of participants and on the consortium composition.

**Deadlines**

31<sup>st</sup> October 2006

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