

Intelligent Energy Europe, Call for Proposals 2011 – SAVE

10.1.2 Industrial excellence in energy/cross sector large scale energy conservation scheme

Concept for a possible Chamber project

Starting point

According to a survey conducted during the CHANGE project*, only 25 % of European SMEs conducted an energy audit or turned to an external consultant. Another study (ODYSSEE MURE**) states that “SMEs often have limited access to information”(...), “that their energy share is not high enough to encourage them to undertake energy saving measures” (...) “and therefore need a special coaching process which enables them to adopt energy efficient solutions”.

* CHANGE IEE Project www.eurochambres.eu/change

** Energy efficiency trends and policies in the industrial sector in the EU 27 - Lessons from the Odyssee Mure project p.62-64 (<http://www.odyssee-indicators.org/publications/PDF/brochures/industry.pdf>)

Project idea and objectives

A SME-targeted energy audit scheme with collective training sessions and individual support for the implementation of energy efficiency measures will be developed and proposed to xx SMEs in up to 10 different European countries. The project therefore targets those SMEs that have never conducted an energy audit before.

The project aims to:

- achieve 5%-10% energy savings for the participating companies through “quick wins” (no and low cost investments)
- develop a common EU-wide methodology for energy measurements
- develop a common EU-wide methodology for carrying out the energy pre-checks
- enhance cooperation between SMEs and energy experts
- strengthen expertise and practical experience of CCI energy advisors
- to promote the benefits of energy efficiency to the SME community through the use of success stories
- increase the number of SMEs that undertake a full energy audit

Proposed activities

1) DEVELOPMENT OF EU METHODOLOGY FOR MEASUREMENT

One chosen EU energy expert (ie Leicester City Council) in cooperation with regional CCI advisors will develop a common EU-wide methodology to measure energy consumption.

2) DEVELOPMENT OF EU METHODOLOGY FOR ENERGY PRE-CHECKS

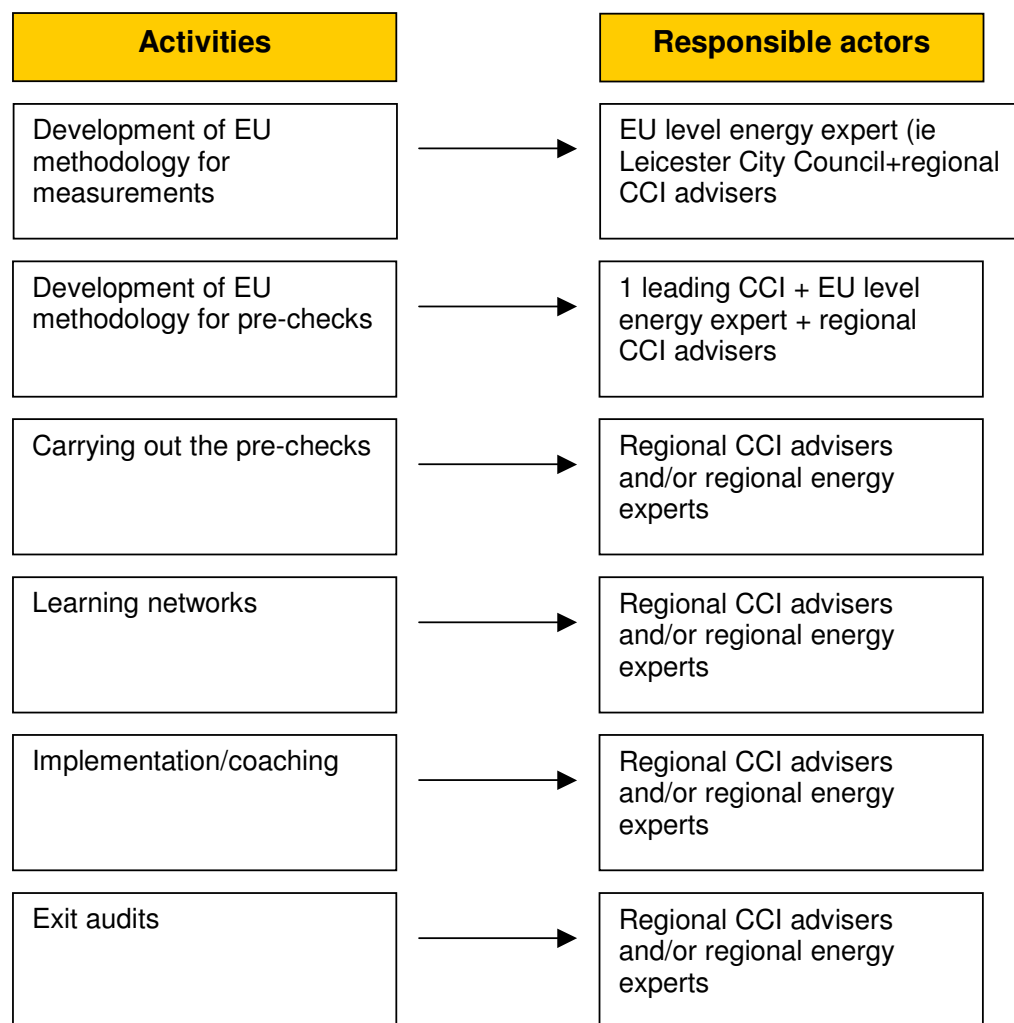
One leading regional CCI (ie CCI Ain) in cooperation with regional CCI advisors and the before-mentioned EU energy expert (ie Leicester City Council) will develop an easy-to-use common EU-wide methodology for energy pre-checks (ie questionnaire and analysis grid). These tools would allow regional CCI energy advisors to carry out energy pre-checks/quicks scans in the selected companies.

3) QUICK SCANS:

Each regional CCI picks 10-20 companies (SMEs with min of 30 employees). Regional CCI energy advisors conduct energy pre-checks based on the EU methodologies for energy measurement and pre-checks.

Regional CCIs can either carry out the pre-check and measurement on their own or subcontract the task to regional energy experts. Regional CCI advisors OR regional energy experts would come up with conclusions and recommendations for each company

- 4) **LEARNING NETWORKS:**
Regional CCI energy advisors AND/OR regional energy experts (sub-contracting) provide 2 collective training sessions for participating SMEs on results of energy pre-checks and potential for improvements (measures and techniques required, share best practices) – Cooperation with other energy stakeholders (e.g. energy producers, distributors) possible
- 5) **IMPLEMENTATION COACHING:**
Regional CCI advisors AND/OR regional energy experts (sub-contracting) provide individual support for each participating company and give individual recommendations; they accompany businesses and act as a coach to facilitate implementation of suggested measures (quick wins that can be easily implemented) to increase energy efficiency
- 6) **EXIT AUDITS:**
Regional CCI energy advisors together with regional energy experts (sub-contracting) will measure impact of improvements by carrying out an exit audit; energy measurement would have to take into account the evolution of production levels, staff, turnover, office surface etc



Dissemination and multiplier effect

The success stories and concrete, measurable results (in terms of energy and thus money saved) of the participating SMEs will serve as a communication basis for awareness-raising events to motivate other SMEs.

In exchange for the free support services received during the project, the SME beneficiaries will allow the publication of their results in terms of energy efficiency improvements and will be ready upon request to participate in awareness-raising events. The participating companies will become the “energy efficiency ambassadors” of the CCI

In order to achieve a multiplier effect, the participating CCIs will have access to

- A methodological guide (questionnaire and analysis grid) for carrying out energy pre-checks
- The network of participating SMEs with key results and their commitment to be part of an promotional/awareness-raising campaign for other SMEs

Project partners

- EUROCHAMBRES:
Coordination, EU level communication and dissemination, final project event
- EU level energy expert:
To provide technical expertise for the development of a common EU-wide methodological guide for the measurement of the savings
- Network of CCIs:
in up to 10 European countries with a national coordinator for each country; regional CCIs responsible for recruitment of SMEs, cooperation with EU level energy expert to develop common methodology, conduct of energy pre-checks with their own energy advisor OR external energy expert, support for the implementation phase in SMEs, organisation of regional promotional event

Main subcontractors:

- Regional energy experts:
Depending on the in-house expertise in regional CCIs, the tasks of carrying out the energy pre-checks and measurements might be sub-contracted to regional energy experts. The same may apply to the remaining activities (learning networks, implementation coaching, exit audits)
- Please note: according to EACI, sub-contracting should not be the major part of your budget (up to approx 25-30% of your budget)

Project duration and estimated budget

36 months, budget tbc

FYI: the budget for our previous CHANGE project was 2,6 mio EUR