

Review of good practices in measuring and verifying energy savings among French Energy Efficiency Services actors

*a strong will to put quality securing
methods forward*

What is the S2E Club ?

- ✦ *A Club created in the end of 2005*
- ✦ *S2E stands for « Energy Efficiency Services »*
- ✦ *A gathering of 5 French main actors in the field of energy efficiency services*
 - ✦ *FG3E : French Federation of Firms offering Services dealing with Equipment, Energy and Environment*
 - ✦ *SERCE : Union of Companies dealing with electrical engineering*
 - ✦ *GIMELEC : Group of Firms manufacturing electric equipment, control and related services*
 - ✦ *UCF : Union of Companies dealing with environmental engineering, as a part of the French Federation of Building*
 - ✦ *UFE : French Union of Electricity, Professional Association of the electric sector*

with the sponsoring of ADEME

Good practices as a shared methodology

- ▲ *A common goal : to help develop the energy efficiency services market through innovative solutions, services and business models*
- ▲ *A media to promote the French savoir-faire in such services throughout European institutions*
- ▲ *First deliverable (06/07) : publication of a guidebook, summarizing what we consider as good practices*
<http://www.clubs2E.org>

How to define an energy efficiency service ?

- ▲ *Implementation of actions leading to a sustainable improvement in energy efficiency*
- ▲ *The improvement must be measurable or verified or else estimated in the case when measuring is not adapted*
- ▲ *The contractor commits himself by contract to :*
 - ▲ *Characterize accurately the baseline*
 - ▲ *Reach the objectives in terms of quality and energy efficiency committed*
 - ▲ *Implement means of control and measurement of the performance*

EE Guide: a rigorous methodology

- ▶ *Description of the “best” process, comprising 4 essential phases :*
 - ▶ *A pre-audit phase*
 - ▶ *A proposal elaboration phase*
 - ▶ *A work realisation phase*
 - ▶ *A follow-up and performance guarantee phase*

- ▶ *A methodology aiming at strengthening the customers' confidence, suitable to Public and Private sites as well industrial plants*

- ▶ *Each actor is free to apply the technical guidelines through its own offers, business models...*

“Energy efficiency” content of today’s contracts and prospects

- ✦ *A market under the influence of Public contracting rules (e.g. Private-Public Partnership since 2005)*
- ✦ *The S2E Club conducts a study on the necessary methodology for M&V, why not inspired by IPMVP ?*
- ✦ *Our challenge, now that the methods are available : communication and training towards the customers in order to encourage their projects !*
- ✦ *Members of the Club expect a full support from the French Authorities...*