


# aim 4 SMEs – Automatic Intelligent Metering for Small and Medium-sized Businesses

Intelligent Energy  Europe

[www.aim4smes.com](http://www.aim4smes.com)

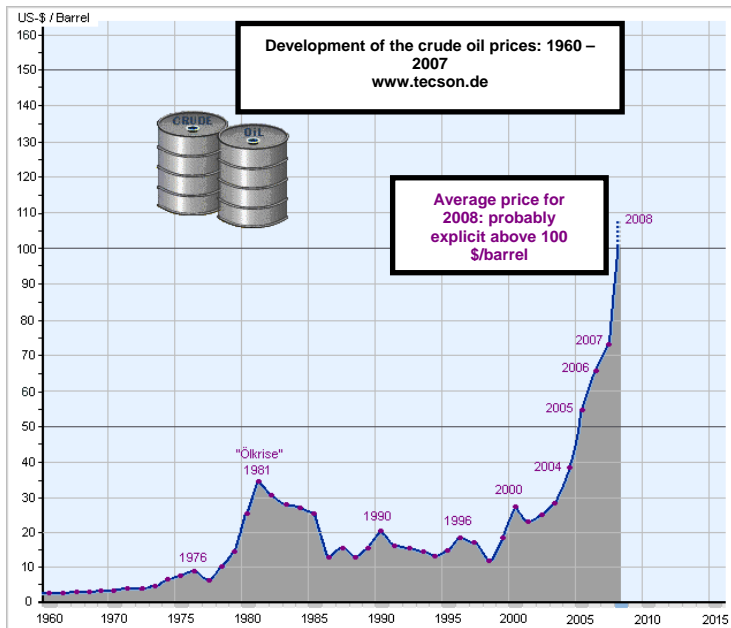


Newsletter overview:

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## 1. Point of departure for the project aim 4 SMEs/ background:

With rising fuel prices there is a need for small to medium sized businesses (SMEs) to have access to independent energy efficiency advice and training in order to reduce costs to help maintain their competitiveness. In the following diagram the price development from 1960 to 2007 is shown:



The data, which are used in the graphic, are from IEA – International Energy Agency and from the OPEC. **Each point is the average price of a year.**

In 2007, when the project starts, the average for one barrel crude oil was 74 \$.

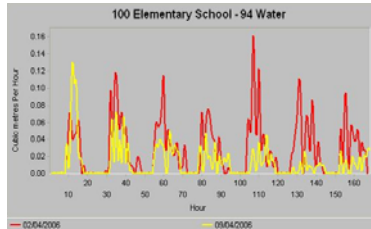
The both organisations were right with their prediction, regarding the price development 2008. On the last of June 2008, one barrel crude oil costs more than 140 \$.



**RESULT:  
WE MUST CHANGE OUR USING HABITS, TO UTILIZE ENERGY  
MORE EFFICIENT.**

## 2. Vision of the project aim 4 SMEs:

Nine partners from five European countries (Austria, Czech Republic, Poland, Portugal and the UK) take part at this project, which involves supporting small/medium businesses to use automatic detailed monitoring and targeting technology (this is called intelligent metering).



The detailed metering will be established for a range of business types and sizes in the small/ medium business sector (altogether 75 – 100 SMEs). Energy consumption for **electricity, heat and water** are metered and the data results will be analysed to identify energy saving opportunities.

This information will help with providing energy awareness training to staff of the business, and in providing any on site energy survey. It is intended that the training will form part

of certified training programme, and the training will give staff the ability to continue to analyse the data themselves beyond the duration of the project.

The main advantages and chances of the project:

- + energy cost reduction
- + energy safety
- + resource protection
- + geopolitical safety

### 3. Timeplan - achieved milestones:

The 2 year project, which is supported by the European Commission's Intelligent Energy - Europe programme, is running from December 2007 to November 2009. The first project steps are already completed:

- ✓ Recruiting 75 – 100 small /medium sized businesses to receive intelligent metering in the project, and setting up the monitoring systems.
- ✓ Communication and dissemination for SMEs, to take part in the project and for the public, to get aware of the topic energy efficiency. Therefore articles in newspapers were republished, workshops and steering group with politicians, opinion leader and SMEs were organized, a homepage was installed ([www.aim4smes.com](http://www.aim4smes.com)), etc. The potential of reducing energy consumption is communicated.

### 4. Next project steps:

Initial analysis of the detailed data collected and analysis of overall results.

Provision of a bureau service for the organisations undergoing monitoring.

Training of SME employees on using automatic intelligent metering and improving energy efficiency by project partners and the feedback of detailed energy monitoring data to employees of the buildings being monitored.

**TO REDUCE ENERGY CONSUMPTION AND ENERGY COSTS  
KNOWLEDGE ABOUT THE EFFICIENT USAGE OF ENERGY MUST  
BE FORCED INTEGRAL!**

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