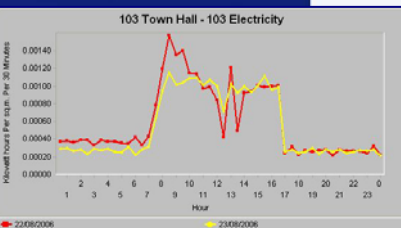


## 20 % Energy Saving with Intelligent Metering and Behavioural Change

Intelligent Metering analyses half hourly monitored data to identify activities to change the behaviour of building owners and tenants resulting in energy and water savings. During the IEE-Project Intelligent Metering we demonstrated savings of more than 30% with little or no investment. We analysed 69 public buildings in Europe and trained their occupants in 140 training sessions. On the [www.intelmeter.com](http://www.intelmeter.com) cases studies are available for free download which show examples of energy savings and how Intelligent Metering is working.



The Intelligent Metering project aimed to demonstrate and promote the extensive take-up of intelligent metering across Europe. In order to maximise the energy savings available from the implementation of efficient technologies, there needs to be an accompanying change to responsible energy behaviour by building users. Intelligent Metering shows, that by changing building occupant behaviour, energy use can be rationalised.

This project illustrates that these savings can be achieved at little, or no, additional cost. So the cost-benefit ratio of these measures is very high and the installation pays back in several cases within the first year. The key barrier to energy savings is the general lack of information regarding the use of buildings and energy efficiency equipment. In addition there is a general misunderstanding of costs and a difference in perception between the building user and landlord. Therefore Intelligent Metering developed a professional training handbook, which addresses these barriers. Cases studies are available on the website to disseminate good practice. This means that the approach is replicable across Europe as these savings are affordable for even the most 'cash strapped' public authorities.

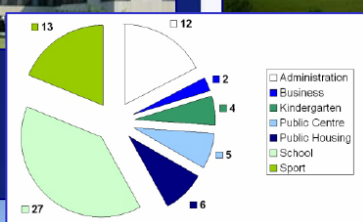


69 local authority buildings including offices, schools, sports/leisure facilities and community centres monitored energy and water use. This data was processed to identify actions and associated savings. Training has then been provided to the building users. Best practice methodologies and approaches for replication of the concept have been developed and are available for free on our website [www.intelmeter.com](http://www.intelmeter.com).

**Further Information:**  
[www.intelmeter.com](http://www.intelmeter.com)

### The short term results are:

- ✓ Up to 30% energy savings in the buildings
- ✓ Intelligent metering of 69 public buildings including offices and schools
- ✓ Building occupants trained in each of the monitored buildings with over 140 training sessions
- ✓ Development of a best practice methodology for Intelligent Metering.
- ✓ Widespread understanding and knowledge of the intelligent metering approach.
- ✓ Development of a framework for on-going training.



## Intelligent Metering Project Partners

Seven partners were working together metering 69 buildings all over Europe, training their building occupants and spreading the gathered knowledge on the website:

### COUNTY OF SOUTH JUTLAND

Sønderjyllands Amt | DK-6200 Aabenraa | Skelbækvej 2 | [www.sja.dk](http://www.sja.dk)



### ENERGY AGENCY WALDVIERTEL

Energieagentur Waldviertel | A-3830 Waidhofen | Aignerstr. 1 | [www.wvnet.at/energieagentur](http://www.wvnet.at/energieagentur)



### ENERGIE 2000 e.V.

Energie 2000 e.V. | D-34466 Wolfhagen | Raiffeisenweg 2 | [www.energie2000ev.de](http://www.energie2000ev.de)



### ESBENSEN

Esbensen Consulting Engineers A/S | DK-2500 Valby | Carl Jacobsensvej 25 D | [www.esbensen.dk](http://www.esbensen.dk)



### IT POWER LTD.

IT Power Limited | UK - Rg24 8AG, Basingstoke, Chineham, Grove House | [www.itpower.co.uk](http://www.itpower.co.uk)



### LEICESTER CITY COUNCIL

Leicester City Council | UK - Le1 5HB | Leicester | 2 - 4 Market Place South | [www.energyagency.co.uk](http://www.energyagency.co.uk)



### SONNENPLATZ GROSSSCHÖNAU

Sonnenplatz Großschönau | A-3922 Großschönau | Harmannsteinerstr. 120 | [www.sonnenplatz.at](http://www.sonnenplatz.at)



## Contact Information

Also after the end of the Intelligent Metering project the widespread take-up of the Intelligent Metering concept in the public sector and increased interest in the opportunities in the commercial sector is one of our common aims.

Therefore we provide information for interested organisations: basic information on necessary hard- and software, best practise cases, training for occupants, training for potential trainers, various project newsletters and papers.

**If you are interested in Intelligent Metering, simply contact us via mail or fill in this form and send it to one of the project partners:**

Name/Organisation: .....

Street: .....

ZIP/Postal code | City: .....

Phone number | E-mail address: .....

Notes: .....

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