



## Promoting innovative smart metering services

Smart metering stands out as a truly transformative new technology to improve energy metering and billing systems and to enable better awareness for energy end-users. Smart meters have a great potential in achieving cost-efficient energy savings and play a crucial role in achieving the 2016 and 2020 energy saving targets. However, smart meters themselves are only enabling technologies, which need to be coupled with innovative services to reach better energy management through the means of rewards, automation and information. The SmartRegions project focuses on the innovative smart metering services (such as informative billing and feedback, variable tariffs and load control services) that are most potential to bring energy savings, peak load reduction and integration of renewable energy.

SmartRegions aims to inspire and encourage energy utilities, energy service providers as well as law makers across Europe to initiate the development of innovative smart metering services. This will in the main be done by defining and promoting successful smart metering services as well as 'smart regions' with strong potential for energy saving, peak load reduction and integration of renewable energy. The means to accelerate a Europe wide uptake of innovative smart metering services are described below.

### Monitoring European smart metering landscape and recommendations for regulatory support of smart metering services

By monitoring current roll-out programs and existing smart metering services, useful reference information is gathered as a European smart metering landscape. Based on this, recommendations for favourable smart metering policy frameworks will be defined. As a result, the national and EU policy development is supported to better advance the uptake of new smart metering services.

### Support for smart metering impact assessments

The 3<sup>rd</sup> Energy package requires smart meters to be fitted in 80 per cent of all households by 2020, pending a national impact assessment. SmartRegions supports policy makers and market players to comply with this provision by defining relevant economic, environmental and social criteria and developing a web-based tool for analysing the costs and benefits of smart metering services. As a result, European policy makers and market players will be supported in their impact assessment studies and equipped with an easy-to-use tool for decision making.



### Defining and promoting best practices for innovative smart metering services in European regions

To foster a market driven uptake of metering services, the best practices will be defined and EU regions with successful smart metering services presented as 'SmartRegion' models for other Member States. Where smart metering regulation and technology are less developed, additional 'roadmaps' will be provided to guide the spread of smart metering services. As a result, the use of innovative smart metering services will increase in EU, ultimately becoming commonly accepted tools by end-users for energy saving, peak load reduction and integration of renewable energy.



The photos in this brochure are from Landis + Gyr Oy

## Communicating best practices and 'SmartRegions'

By dissemination through the SmartRegions website, a series of practical brochures and national round table meetings, the best practices in smart metering services and exemplary 'SmartRegions' will actively be promoted throughout the European Union. As a result, Member States are supported in reaching the targets of the Energy Services Directive and building on the adoption of best practices and/or regions with successful smart metering services.

### Project details

<b>Acronym:</b>	SmartRegions
<b>Title:</b>	Promoting best practices of innovative smart metering services to European regions
<b>Duration:</b>	May 2010 – April 2013
<b>Project budget:</b>	€ 1.447.054 (EU contribution 75%)
<b>Partner countries:</b>	Austria, Germany, Finland, Netherlands, Norway, Poland, Romania, Spain
<b>Target areas:</b>	all Member States

### Project partners:

Jyväskylä Innovation Ltd (project coordination), Finland, [www.jklinnovation.fi](http://www.jklinnovation.fi)  
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