



**OPEN meter**

Open Public Extended Network metering



**OPEN meter**

**Open Public Extended Network  
metering**

**7<sup>TH</sup> FRAMEWORK PROGRAMME**

**The EU OPEN meter  
project**

**EREGG workshop on  
Smart Metering**

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**Date: 14th December 2009, Brussels**



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**ENERGY 2008.7.1.1**

Official Journal  
of the European Union



**The OPEN meter project is an official initiative by the European Commission**

**OJ Reference:** OJ C288 of 30 November 2007

**Identifier:** FP7-ENERGY-2008-1

**Topic called:** Open Access Standard for Smart Multi-Metering Services



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**ENERGY 2008.7.1.1**

**The situation today, as seen by the European Commission:**

The large scale adoption of **smart metering** is today **hampered** by the lack of widely accepted **open standards** capable of guaranteeing **interoperability of systems and devices** produced by **different manufacturers**



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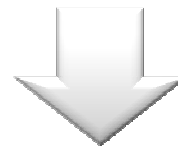
**ENERGY 2008.7.1.1**

### **Expected impact by the Commission**

after pre-normative research, adoption of these standards will **open up the metering market, enabling active customer participation** to energy markets, and at the same time **allowing EU-industry to take world leadership**

### **Other information facilitated by the Commission**

the typical consortium should be a **well balanced partnership** between network industries, equipment suppliers, research centres and regulatory and standardisation bodies. **A maximum of one project will be funded under this topic**



**The OPEN meter project proposal was defined and selected by the Commission, among all other applicants, to meet these ambitious objectives**



# OPEN meter

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# Consortium



- Smart Meter Manufacturers
- Telecommunications industry
- Silicon design & manufacturing

- Meter operators
- Network operators
- DNO associations



- R&D labs
- Testing & quality assurance
- Academia

- Normalization
- Standardization



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## A well balanced consortium of 19 partners



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# Panel of users and stakeholders

To receive and process valuable contributions and feedback from other users and stakeholders, the Panel serves as a consultancy body to the Project



...in the process of joining



### ■ Open

- based on open standards and non-proprietary solutions, result is a set of open standards

### ■ Public

- results will be made freely available to all stakeholders



### ■ Extended

- goes beyond utility metering and allows for providing new energy services

### ■ Network

- metering devices become nodes of telecom networks



- European collaborative project
- 7th Framework Programme
  - Topic Energy.2008.7.1.1
  - Project Number 226369
- Estimated project duration 30 months: Jan 2009 - June 2011
- Project budget: € 4,2 MM, EC funding: € 2,4 MM
- Consortium with 19 participants
- Total effort committed: 339 person-months
- Project co-ordinator: 
- Project Technical co-ordinator: 
- Official website is <http://www.openmeter.com>





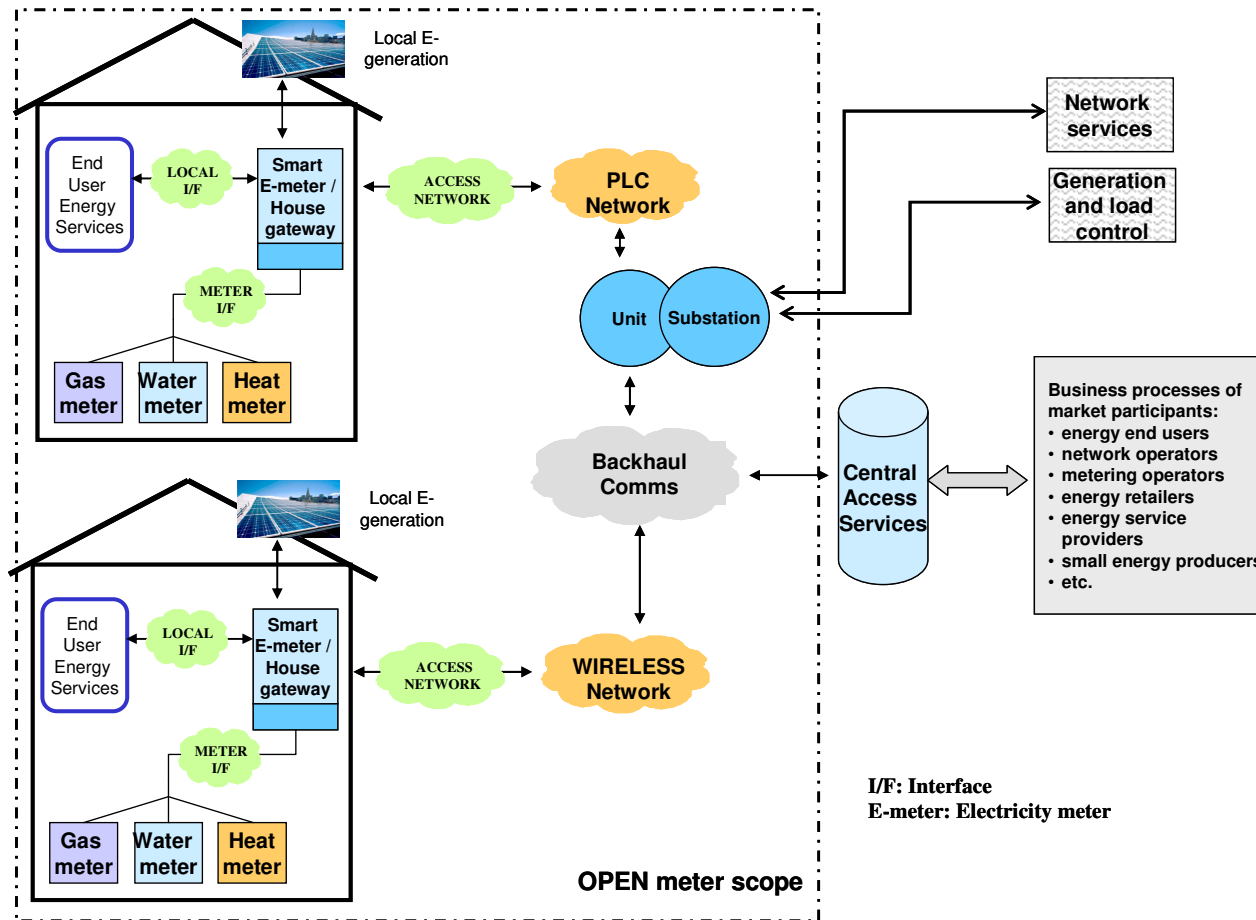


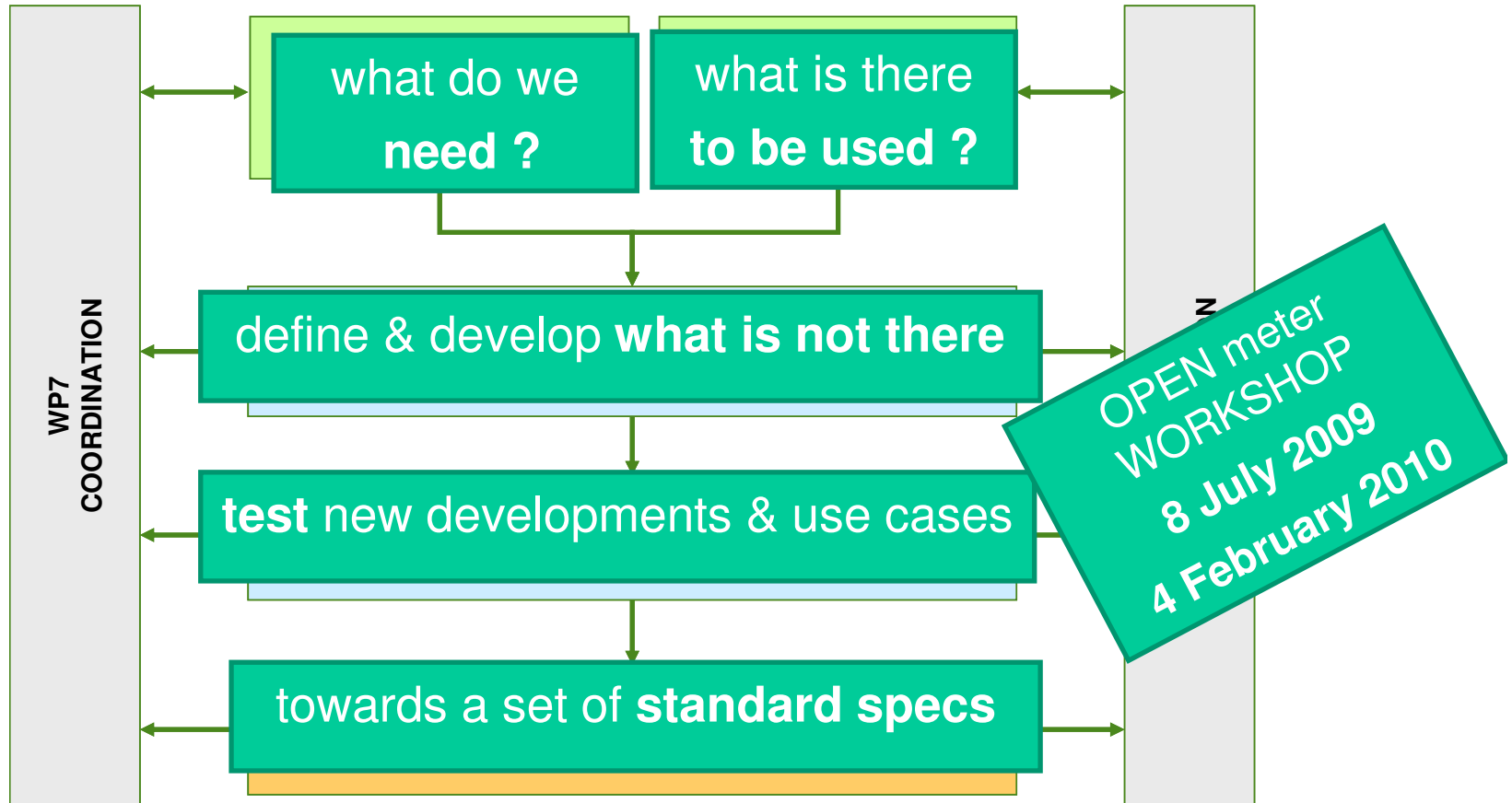
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# Scope

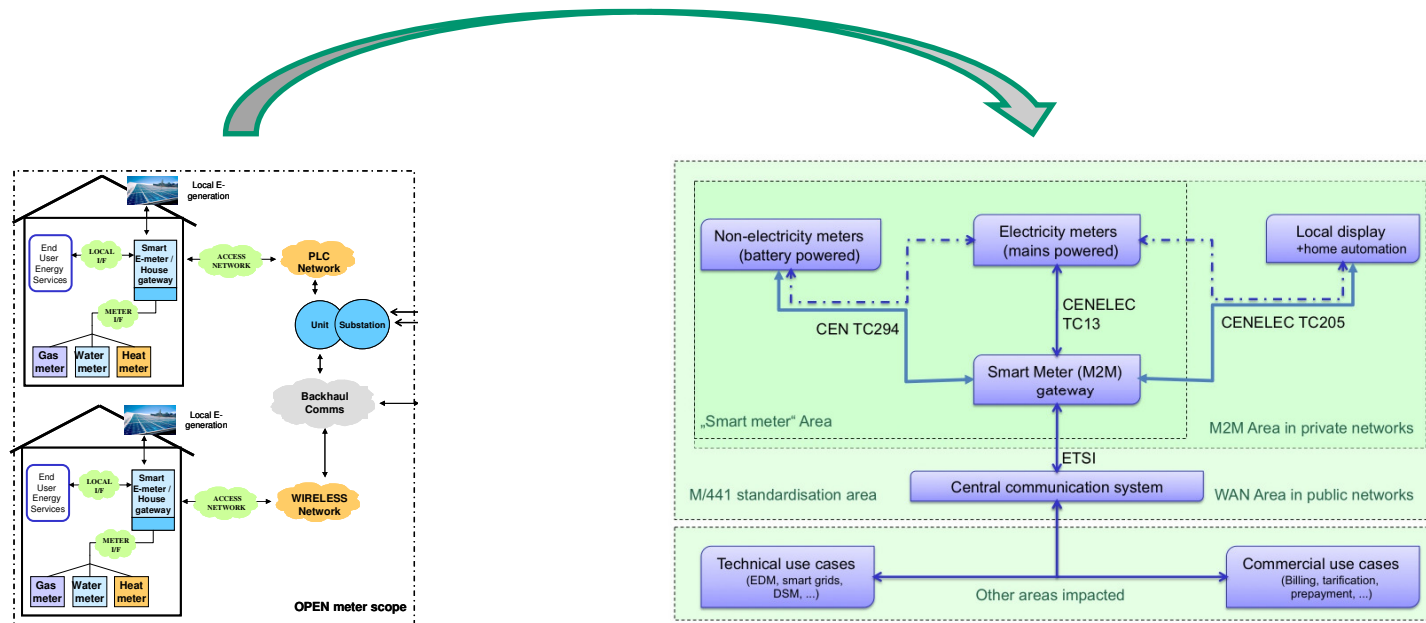




A holistic approach from requirements to pre-standardisation



## OPEN Meter within the M/441 framework





We are here:

30 months

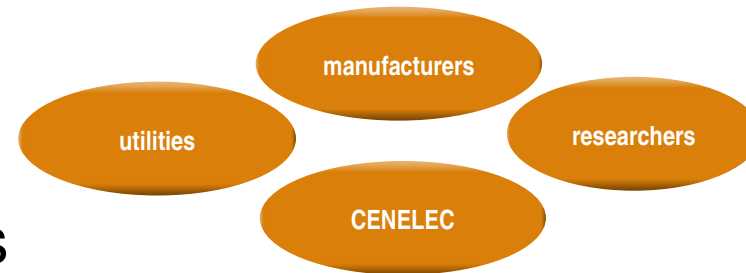
Jan 2009 - June 2011	2009				2010				2011	
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10
WP1 Requirements	█									
WP2 Knowledge & technology gaps	█									
WP 3 Pre-normative research		█								
WP 4 Testing			█							
WP5 Proposal of standard						█				
WP 6 Dissemination	█									

*completed!*

Deliverables WP1 on market requirements and regulatory assesment and WP2 on technology gaps ARE ALREADY PUBLICLY AVAILABLE from website

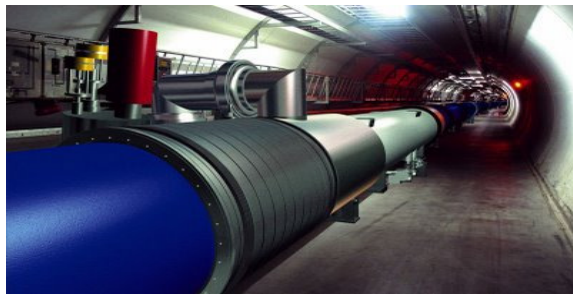


- The Project is an **official initiative** by the European Commission
- **Objectives and timelines** are very much aligned with those established in M/441
- Partners have the technical expertise needed for success
- The Panel of Users & Stakeholders will provide the project with **valuable input and feedback**
- Results are expected to reshape the smart metering landscape **for the benefit of those who want to take them**





## ■ European R&D has led to successful industrial deliverables



**CERN**



**ESA**



**AIRBUS**

## ■ In OPEN meter we are committed to reshaping the European smart metering industry

■ We have the knowledge, the expertise and the willingness to succeed