

## 1<sup>ST</sup> MAS<sup>2</sup>TERING WORKSHOP

This is the first public workshop organized by the European project Multi-Agent Systems and Secured coupling of Telecom and Energy gRIDs for Next Generation smartgrid services (MAS<sup>2</sup>TERING) and thus most of the presentations will discuss preliminary business-feedback on project's targets and collect input to high-level functional requirements definition. One complementary goal will be to evaluate current business strategies adopted by Telecom and Energy industrial stakeholders, in order to propose new models for a fruitful and mutually beneficial collaboration. The workshop will be hosted at Telecom Italia Future Center.



Telecom Italia  
Future Center

San Marco, Campo San Salvador 4826,  
30124 Venezia,  
<http://www.telecomfuturecentre.it>

## WORKSHOP SCHEDULE

14:00 Registration

14:30 **Sylvain Robert, Program Manager, CEA France** *Introduction to the MAS<sup>2</sup>TERING project*

15:00 **Steven Davy, Head of Unit Messaging, Mobile, Middleware, TSSG** *Applying FI-WARE Generic Enablers to Smart Grid Management: Electric Car Charging Scenario*

15:20 **Adrien Bécue, Head of Research & Technology, Cassidian CyberSecurity** *Securing indoor wireless communication for building energy monitoring and control*

15:40 **Dr. Zulkuf Genc, Post-doctoral Researcher Systems Engineering and Simulation, TUDelft** *Symphony: Connecting European Smart Grid Labs*

16:00 Coffee Break

16:30 **Panel: An in-depth discussion with leading industrial utility companies**

- *Edi Fabbro, Former Innovative Projects Manager, Electrolux*
- *Luca Di Stefano, Business Developer, ENEL Distribuzione*
- *Guy Bartlett, international director, Utility Partnership Limited*
- *Jean-Christophe Delvallet, director of business development, ERDF*

17:15 Closing



Workshop #1  
“Business convergence for  
Telecoms, Grid Operators  
and Utilities”

October 17<sup>th</sup>, 2014  
Venice, Italy

### Project Coordinator

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## MAS<sup>2</sup>TERING OVERVIEW

The success of the European vision of a low carbon electricity grid that minimises greenhouse gas emissions; and enhances security, quality and reliability of supply depends on how smart infrastructures, combining energy and telecom, are developed and implemented for the wider integration of security-aware distributed energy resources into the increasingly decentralised grid.

MAS<sup>2</sup>TERING, a 3-year technology-driven and business-focused project, is aimed at developing innovative information and communication technology (ICT) platform for the monitoring and optimal management of low-voltage distribution grids by integrating last mile connectivity solutions with distributed optimisation technologies, while enhancing the security of increased bi-directional communications.

The project also aims at enabling new collaboration opportunities between grid operators and telecom and energy companies, both from technology and business perspectives. The project consortium includes prominent industrial organisations and research institutes from the European energy, telecom and security fields, to leverage the critical dimensions of energy, ICT, security and business.

## PARTNERS



CEA  
France



Utility Partnership Ltd.  
United Kingdom



R2M SOLUTION SRL  
Italy



GDF Suez  
France



Cassidian Cybersecurity  
France



Telecom Italia  
Italy



Cardiff University  
United Kingdom



Waterford Institute of  
Technology  
Ireland



Laborelec  
Belgium

## OBJECTIVES

Bring together industrial experts from utilities, telecoms and DSOs over the course of the project to stimulate new services, practices and business model concepts.

Design and develop an integrated multi-purpose grid management ICT platform of interoperable, standards-compliant software components for smart grid security and communication interfacing.

Investigate the applicability of holonic software architecture for secured and optimal monitoring and management of the grid and enhanced resilience by integrating last advances in distributed control architecture, artificial intelligence, communications, and cyber security.

Select, deploy and evaluate emerging monitoring technologies which allow the development of optimization techniques and flexible grid management practices.

## PROJECT DETAILS

- Project Type: **Collaborative project**
- Project start date: **September 2014**
- Duration / Effort: **36 months / 336 PM**
- Call: **FP7-ICT-2013-11**
- Budget/EC Contribution: **€4.5M/ € 3M**
- Consortium: **9 partners, 5 EU Countries**



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