

CIVIS mid-term conference – October 14th 2015

CIVIS Project

Co-founded by the European Commission within the seventh framework programme for scientific research, CIVIS project explores the potential of social networks and communities to significantly reduce energy use and carbon emission. The project deploys and tests a new, smart model of energy management on a community level to promote energy efficiency and reduce CO2 emission through an interaction of energy, ICT and social systems.

The project is implemented within four pilot sites: two villages in Trento's province, Italy and two neighborhoods in Stockholm, Sweden.

The mid-term conference

The project has reached its middle life and significant preliminary results have been reached:

- Social, energy and technological issues related to the objectives of the project have been deeply analyzed
- Smart devices have been installed in the houses of citizens involved and data are being collected
- ICT tools, apps and platform for data analysis, have been developed.

The mid-term conference is the first public occasion during which it will be possible for CIVIS partners to:

- Share preliminary results achieved by CIVIS consortium with stakeholders locally involved
- Compare CIVIS experience with other EU projects
- Get inspiration from external stakeholders: other EU projects, policy experts, utilities, private companies, energy efficiency experiences.

Verona smart energy EXPO

The conference will take place on the first day of Verona smart energy EXPO, a three-day international exhibition on energy efficiency.

During the same days the [International conference and EXPO of greenbuild](#) (Europe and the Mediterranean) will take place in the premises of Verona Fiere as well.

CIVIS stand

CIVIS project will be present during the three days of the event with a stand in the exposition. The stand will host dissemination material (last issue of the newsletter, European Energy Innovation issue –summer 2015-, brochure). It will also be the occasion for visitors to try CIVIS apps and give their feedbacks. Within the stand, there will be the possibility to distribute other European projects' dissemination materials.

Verona Fiere

The site is reachable by [plane](#) and by [train](#). From [this link](#) you will find hotel booking service.

Please write to: civisproject@enelfoundation.org in order to receive your e-ticket to access the venue

Agenda

H 14:00 – 14:10 **Welcome coffee**

H 14:10 – 14:30 [CIVIS project](#)

(approach, preliminary results, open questions)

Vincenzo D'Andrea

Trento University

H 14:30 – 14:40 Q&A

H 14:40- 15:20 [Flexiciency project](#)

(approach, preliminary results, open questions)

Demo of the Enel Energy Management System in operation in EXPO2015

Federico Caleno, Lombardi Marina

ENEL Spa

H 15:20 – 15:30 Q&A

H 15:30 – 15:50 [S3C project](#)

(approach, preliminary results, open questions)

Erik Laes

Expert on Smart Energy and Built environment (SEB)

VITO NV

H 15:50 – 16:00 Q&A

16:00 – 16:20 [Usmartconsumer project](#)

(brief intro to the project)

Marina Varvesi

[AISFOR](#)

16:20 – 16:40 **Coffee break**

H 16:40 – 17:10 **"User Aware Energy Smart Offices¹"**

Prof. [Marco Aiello](#)

Professor of Distributed Systems

Faculty of Mathematics and Natural Sciences

University of Groningen

H 17:20 - 17:50 **Panel discussion**

Vincenzo D'Andrea; Federico Caleno; Erik Laes; Marina Varvesi; Marco Aiello

Moderator: Mariano Morazzo (Enel Foundation, CIVIS project)

H 17:50 – 18:00 **Closing remarks by CIVIS lead partner**

Vincenzo D'Andrea

Trento University

¹ Buildings use a large amount of energy. In the EU, for instance, 40% of total energy consumption and about 36% of emitted greenhouse gases can be ascribed to buildings. As rates for demolition, refurbishment, and highly energy efficient new-buildings are about 1-2% per year, there is an urgent need to make existing buildings more energy efficient with personalized solutions. Ideally one wants systems that require minimum effort to deploy, are portable, and adapt to the user's by leaving their comfort and productivity intact while saving energy. I will explore the current landscape of saving energy in commercial buildings based on user activity and I will report on current research at the University of Groningen performed with industrial collaborators. The focus is on sensing and ICT-based control solutions for electricity saving. The case of the Bernouilliborg, a 2008 12.000 sqm building hosted in the main campus of the university, will act as main example.