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It is almost the end of the SEMANCO project and we have exciting news to share with you about the project findings and the future potential of the **SEMANCO integrated platform**. The development of this platform was finalised in the end of August when the original programme of work of the project, was completed.

Since the last newsletter, in June of this year, in addition to finalising the technical development research, efforts have been focusing on producing reports on research progress, on the dissemination of the project findings and on the implementation of the exploitation plan.

Currently, project partners are carrying out the product testing and the development of a customer web portal whose goal will be promoting the services provided by the SEMANCO integrated platform, beyond the project lifetime. The final review of the project by the European Commission will take place in the beginning of 2015, in Brussels.

Leandro Madrazo, SEMANCO Project Coordinator

SEMANCO News

■ Energy services web-portal

The SEMANCO project was planned to be finished at the end of August. However, the success of the software implementation led to a three month extension to create a customer oriented energy services web-portal with the objective of supporting the exploitation of the SEMANCO integrated platform. This web-portal will focus on describing the functionality of the platform, for different types of users, including:

- The main features of the integrated platform and a summary of its functionalities;
- A list of application examples, derived from the demonstrations conducted during the project, to highlight the potential usages of the SEMANCO integrated platform in real world conditions;
- A list of product support services that can be provided by the SEMANCO research consortium by means of a new energy service portal;
- A learning section with tutorials and answers to frequently asked questions.

The portal will contain videos illustrating the commercial potential of the SEMANCO platform, describing the application of tools and services in specific cases and explaining how to use the tools.

The energy service web portal will be launched before the end of this year. We will send you a final newsletter at that time with more details.

■ Finalisation of the SEMANCO integrated platform

The final version of the SEMANCO integrated platform was published in the [Deliverable 5.6 “Operative integrated platform”](#) in the end of July. This final version of the platform is the result of the development of the previous prototype reported in [Deliverable 5.4 “Prototype of the integrated platform report”](#). The platform integrates all of the tools and technologies developed during the course of the SEMANCO project into a single product, thus providing a powerful support for urban planners to evaluate the impact of energy efficient interventions in urban areas.



The SEMANCO integrated platform is the front-end for users to interact with the semantic data provided by the [Semantic Energy Information Framework \(SEIF\)](#). This semantically modelled data (i.e. specified as ontology) represents the combined knowledge of the different experts involved in the definition and solution of a problem concerning the improvement of the energy performance of an urban area. Ontologies also provide access to the multiple data sources from various domains and scales which are needed to formulate and solve a specific problem. The SEMANCO integrated platform, therefore, facilitates the access to the knowledge provided by experts – that is, to the methods and tools needed to define and solve a problem – and to the data associated to a specific problem.

■ Dissemination and exploitation activities

The dissemination and exploitation activities in the SEMANCO project have recently reached several major milestones. These activities include the delivery of two reports on business models and implementation strategies and on dissemination of the project outputs.

The first report is [Deliverable 6.3 “Identifying implementation strategies and business models”](#) which identifies business models to enable the application of the tools developed in the project beyond the initial case study areas. The second report is [Deliverable 6.5 “Engaging practitioners beyond the case studies”](#). This document summarises the dissemination activities of the project.

Findings of the SEMANCO project have been presented in several events. One of these events was part of the program of the [Sustainable energy week, on the 30th of June in Manresa](#), organized in the main square of the town with the purpose of fostering energy efficiency awareness among children and parents. One of the project partners –FORUM– was invited to represent SEMANCO in the event.

In addition, SEMANCO outputs were presented in June, at the Technology Futures Institute (TFI) research day (University of Teesside) and at the 6th international conference organised by the European Construction Technology Platform, in Brussels; and in September at the NEA annual conference, that took place in Scarborough, UK

■ Publications

SEMANCO partners have delivered two further scientific publications. The first of these is a paper titled “Implications of open access data for low cost KPIs measuring energy efficiency” presented within the **Sustainable Places conference in Nice, 2014**. The second one is an article titled “Data structuring for the ontological modelling of urban energy systems: The experience of the SEMANCO project”, that will be published in the **“Sustainable Cities and Society”** journal and that is already available for subscribers to read **online** . It describes the development of the SEMANCO ontology based on a vocabulary of energy standards. Further journal publications are expected to follow during the last months of the project and later on.

■ Smart City Expo World Congress

SEMANCO will be present in the **Smart City Expo World Congress** that will take place in Barcelona, on 16-18 November 2014. A presentation of the project will be delivered within the parallel session **“EN01 – Rethinking cities to improve energy sustainability”**, on Tuesday 18, from 12:15 to 13:30. We will be pleased to greet you there!

Visit the SEMANCO website for more details: www.semanco-project.eu

If you would like to become a member of the SEMANCO Dissemination Network, please contact Chris Ennis at c.ennis@tees.ac.uk

