

WHAT'S HAPPENING

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The energy efficiency contracts

Within the framework of the EPC + project, more than 15 SPINs have been created, which are clusters of companies that offer energy services to small and medium-sized organizations and companies.

These groups of clusters, with the advice of the project partners, use the contract models and the technical tools developed by us.

It is a process that continues to create new groups in Portugal, Greece and Ireland.

More than 30 projects have been identified and 27 have already been carried out.

After three years the EPC +

project comes to an end and we can highlight:

(1) The creation of clusters of energy service providers in eleven countries.

(2) The organization of training programs on specialized courses in EPCs.

(3) The preparation of training materials, communication and dissemination activities, web pages.

(4) Presentations at national and

international events such as the Energy Services Congress in Madrid or at the Sustainable Energy Week in Brussels.

(5) Technical guidelines on energy efficiency improvements and using renewable energies.

(6) The execution of 27 EPC + projects in industries, buildings



EPC+ Project meeting. Coimbra,

EPC Session at IDAE, the National Energy Agency

In October the *Event Business models and tools for EPC projects* were organized in Madrid with the collaboration of industry associations. Some 100 people participated and it was inaugurated by IDAE representatives.

The **models were presented by the organizers, Escan and Creara**, as well as the ADHAC, ANESE, AMI and A3E associations presented the latest advances in their energy efficiency work; other speakers presented their EPC projects,

including the iON Smart Energy company, which is also a member of the Andalusian Cluster

The technologies used are very different in each project, although the improvement of lighting and improvements in heating and air conditioning are the most common .



New system HVAC. Barcelona



Building insulation. Alcorcón

EUW'17

The European Utility Week is the business, innovation and information platform that connects the entire Smart community. In 2017, more than 12,000 visitors from 100 countries attended the conferences and networking activities organized under this umbrella and related to the energy sector.

Esca again had the opportunity to chair the **Smart Metering Hub in Europe**, with the participation of high level speakers from ENDESA and IBERDROLA (ES), ENEDIS and GRDF (FR), ALLIANDER (NL) or SCOT-TISH POWER (IE)

The presentations focused on the current situation of smart metering networks in Europe (electricity and



gas), the advancement of smart meter deployments, Big Data treatment systems and the use of information and the circular economy.

About 350 people attended the session with great interest, considering that it showed the latest information on the developments of large European companies that lead the smart metering and

smart grid sector.

Among the main conclusions highlighted a closer approach to customer needs, aspects of sustainability, existing differences in the different markets of each European country and the challenges presented by the massive information that is generated.

Energy efficiency workshop in Valladolid



The agenda of this workshop has been designed for the training of people responsible for industrial SMEs and businesses in relation to energy efficiency.

Given the practical nature of the event, the speakers focused on specific energy efficiency measures as well as actual cases that have recently been implemented.

CIEMAT exhibited the PUBLENEF project, whose main objective is to support the implementation of the Sustainable Energy Action Plan (SEAP) of the City Council of Valladolid.

The technical presentations began with the presentation of Francisco Puente by Escan energy consultants.

Francisco analyzed the general

measures to conduct an energy efficiency study in the facilities of industrial and businesses SMEs, the savings in electricity and fuel bills, the steps to conduct an energy efficiency study, how to assess these measures technically and economically to become viable. Finally he exposed a successful case of replacement of fluorescent lighting by LED luminaries



Low carbon digital economy



In our first year we have established a strong network of retailers, manufacturers and policy experts working together to ease the transition to a low carbon digital economy.

Two pilot projects have been carried out in Spain and the United Kingdom to test the PocketWatt tool and evaluate its impact. Escan and Energy Saving Trust worked closely to gather the lessons learned from these pilot projects and create best practices for a next phase of deployment.

The Seminar of the Digi-Label Roundtable group was held in Brussels on September 19, consisting of several expert consultants, retailers, manufacturers, consumer representatives and other interested parties, associations and companies participating in the Digi-Label project.

This Group analyzes how the PocketWatt tool can help increase the sales of low-energy consumption appliances.

PocketWatt was presented at the Grand Designs Fair in the city of Birmingham from October 11 to 15, 2017.

Throughout the event, visitors had the opportunity to try the digital tool and learn more about the benefits of energy efficiency.

PocketWatt increases its popularity in the Spanish market after the pilot phase.

Thanks to PocketWatt, - comments Margarita Puente - consumers can use their phones or tablets to scan the QR codes of each appliance and compare the cost savings.

In addition, the benefits also have an impact on business. PocketWatt provides manufacturers and retailers with a greater environmental reputation.

The tool is completely free.



PocketWatt demonstration in a Madrid trade

Increasing the efficiency of the natural gas market

At the end of 2017, the company Escan started a campaign related to the efficiency in the use of natural gas in medium-size customers, through the detection of priority segments and support for market expansion.

Consumer systems, which will substitute other more polluting sources, will preferably offer a pay-back in the short or medium term. Some of the sectors that have the greatest potential are building sector, SMEs and district heating and cooling networks.



Efficient hotels by natural gas consumption

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Brief news

Energy efficiency and energy storage.

Electricity storage technologies allow improving the efficiency and economy of smart grids. Escan advises in community demonstration projects, with real storage in low and medium voltage.

Visit-study in L'Orient, France, with the participation of the City Council of Santander, Escan and eight other organizations from European countries. During the 6th and 7th of September, several innovative facilities were analyzed in that region.

The LCA study of olive oil continues in collaboration with FIAB, the Spanish Food and Beverage Industry Federation. In order to obtain field data, a meeting was held in July with the Torre del Campo Cooperative (Jaén), who participates actively in the study on virgin olive oil. Also in the framework of the PEF-MED project a meeting was held in Athens at the beginning of November.

Training: EUREM[©] y FIAB COURSES

In November, the **8th International Conference of European Energy Managers** took place in Ljubljana, Slovenia .

After the successful Conferences held in Berlin, Nuremberg, Vienna and Prague, the EUREM Consortium organized the Conference for 2017 in Ljubljana.

In addition to the presentation of recent energy improvements, prizes were awarded to the best End of Course Projects ("Energy Concepts").



European Energy Managers

In Spain, the **European Energy Manager Course, EUREM[©]**, continues to be developed which will end on June, 2018,

FIAB in collaboration with Escan and within the framework of the Food Technology Platform for Life-Spain, launches the **Efficient Facilities Course in Food and Beverage Industries**, which is held on January 29th and 30, 2018.

The food and beverage industry, as the first industrial sector of the country, faces as one of its priority tasks the efficient management of the available energy resources for the performance of its daily work, in such a way that it is sustainable and sustained, at the

In this area, addressing energy efficiency is one of the objectives in which the sector is already making great efforts, **aware of the competitive advantages that reducing energy consumption would mean** for the company and the environment with which it directly operates.