

## WHAT'S HAPPENING:

- 30th Anniversary of Escan.
- The Smart Meters in the 'European Utility Week', November 2016, Barcelona
- XI Edition of the European Energy Manager, EUREM© Training Course

## CONTENTS:

SPINs: Clusters of SMEs 1

Steam-Up, Efficiency in industrial steam systems 1

The digital energy label 2

Smart meters seminar in the European Utility Week 2016 3

End of the European Energy Manager, EUREM© Course in its X Edition 3

Training Courses: EUREM© and STEAM-UP© 4

## SPINs: CLUSTERS OF SMEs THAT PROVIDES INNOVATIVE ENERGY EFFICIENCY SERVICES

**The first advancements of the EPC+ (Energy Performance Contracting Plus) project have been presented in the V National Congress of Energy Services on 3<sup>th</sup> of May**

Francisco Puente Salve highlighted the creation of new Clusters in Spain, and even at European level, since small and medium companies, which present themselves as providers of efficient energy services, offer these services to small and medium clients, thus not competing with large companies such as ESCOs.

Each company is specialist in a service, and the Cluster offers a standard package to meet the client's needs: remote control, verification of energy savings, lighting applications, solar en-

ergy, steam systems in industries, technical and financial consulting, biomass heating, high resolution thermography and energy management in buildings.

The participant companies are: Atmósfera Cúbica, Aura Solar, Calordom, Comeval, eBuilding, Escan, Ingenere and iON Smart Energy.

The next steps will be the development of a training programme on the EPC+ model and the development of pilot projects by the Clusters

**On 8<sup>th</sup> of June it was celebrated the 'Course of Innovative Energy Efficiency Services' in a hotel in the centre of Madrid.**

One of the activities has been the training of the EPC+ specialists. Escan organised a training day in which companies from Andalusia and the Central Region participated by exchanging their complementary experiences and solved various practical cases.

[www.spain.epcplus.org](http://www.spain.epcplus.org)



## Steam-Up, Efficiency in industrial steam systems

**The industrial steam systems, one the areas with higher possibilities to reduce the energy consumption.**

Several experiences, EURO-STAT references and industrial sector studies reveal that the steam systems have more than 30% of energy saving potential.

The market study carried out by the STEAM-UP project in

2016, with the energy audits developed by Escan identified three main barriers for achieving a higher efficiency in the industries that consume steam: firstly, there are few professional studies, secondly, the knowledge about the production and efficient use of the steam requires high specialization; finally, in several occasions there is not an organiza-

tional structure in the industrial companies that allows the implementation of the energy efficiency measures detected and the appropriate energy management.

In the framework of the project, the first detailed audits are being carried out.

The project results, that follow the specific methodology of STEAM-UP, have promoted

# Steam-Up, efficiency in industrial steam systems (continues)

improvements such as the implementation of heat recovery systems, treatment of water supply, reduction of losses in the blow-down, substitution of burners by more efficient ones or boiler renovation.

In addition, the project offers specialised training courses for engineers, technicians and managers of companies, as well as for consultants and advisors.

Apart from that, there are included *coaching sessions* for steam systems managers.

**Improve the energy efficiency of your vapour system with specialist advice**

- Coaching to directors and managers of on-site industries in order to improve the efficiency and vapour management
- Development of detailed vapour audits developed by experts
- Training of professionals of industrial companies and energy auditors experts in vapour
- Platform (EnMC) with information about energy efficiency, good practices, market studies, social networks and information points

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## Energy Label with Digital Tools

**Digi-Label is an European project of the Horizon 2020 programme, running from April of this year, in which 13 companies from 11 countries are participating. Escan is the coordinator of the Spanish activities.**

The project develops digital communication tools to provide personalised information on the energy consumption in white appliances, televisions and lighting for domestic use.

Among the digital tools available, the QR codes will be tested to be employed by consumers due to its easy access.

The first meetings are being carried out in which the objectives of the project are being presented with associations of retailers, manufacturers of appliances, and consumers associations such as the Spanish Agency of Consumption, Food Safety and Nutrition

(AECOSAN), The National Energy Agency (IDAE), Spanish Confederation of Consumers and Users (CECU), The National Associations of Manufacturers of Appliances (ANFEL.), National Association of Distribution Companies (ANGED) and Spanish Federation of Retailers of Appliances (FECE).

It is planned to develop a tool that allows an easy way to know about the characteristics of the appliances through a mobile phone, digital display or informative poster.

Meetings will be held to analyze and to determine the preferences of consumers, manufacturers and retailers and invite them to use these digital communication tools.

### Why digital tools?

The applications facilitate the information of each product.

They also allow to compare products.

The information is shown in different formats:

- Digital displays in the points of sale
- Smartphone Apps
- Internet.
- Online commerce (e-commerce).

## Smart Meters Seminar in the European Utility Week in Barcelona, 15th of November 2016

The European Week of Electric Companies brings together about 10.000 professionals from all over the world to learn, network, collaborate and share knowledge and information.

This year Escan, in the framework of USMARTCONSUMER, will chair the SMART METERING roundtables, which will take place on 15th of November, with speakers from the main national and European energy companies, and participation of key experts.

The most recent issues related to smart metering will be addressed, such as deployments, data management and platforms for consumers. <http://www.european-utility-week.com/Hub-sessions-programme>



*Francisco Puente, Ambassador of the EUROPEAN UTILITY WEEK at the meeting of the Advisory Committee of the Barcelona Conferences.*

## End of the European Energy Manager Training Course, EUREM©, in its X Edition

This month of June, the Course of European Energy Manager comes to an end, 14 new Energy Managers from prestigious organizations and companies have obtained their EUREM © certification. With this new group, more than 130 Energy Managers have been certified in Spain and about 4.000 around the world.

Apart from passing the periodic tests carried out during the last eight months, the attendees have successfully elaborated the Projects of the End of Course (Energy Concepts).

From the direction of Escan we congratulate all of them.

Margarita Puente, coordinator of the course in Spain, believes that 'specialised training in energy management has become an integral of

modern business, and the European Energy Manager programme, EUREM©, offers a complete training



programme for this professional profile that each year counts with a higher demand". The European Energy Manager Course will begin its

XI Edition the coming October and is open to the professionals that wish to participate

The on-site and on-line training activities are fundamental in order to get to know the latest technologies of the market, the current tools and software that are later employed in the real projects.

In the EUREM training programme incorporates the latest software for on-line courses, using an exclusive platform, which allows all materials to be available through mobile devices, have an updated agenda or interact with teachers and other students through the Forum or chat.

## We celebrate our 30 Anniversary!

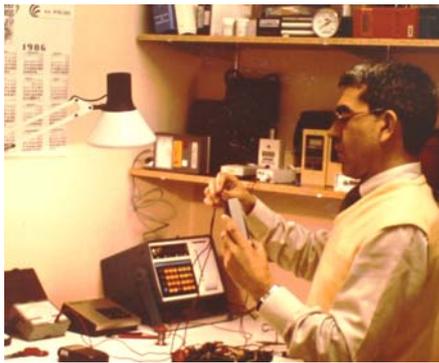
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Escan, s.l. is a Spanish consulting founded in 1986, specialised in technical, economical and financial advice of projects of energy efficiency and renewable energy. It focuses its activities at national and international level and collaborates with public institutions, private companies, associations and other organizations.

Escan, s.l. Promotes the use of new technologies and innovation projects, along with the promotion of new business models, being independent from industrial groups and equipment suppliers.

*We acknowledge all people, institutions and companies for having trusted, promoted or collaborated with Escan during this 30 years of energy consulting (1986-2016).*

# Training Courses: EUREM and STEAM-UP.

#### XI European Energy Manager© Training Course (on-line)

- **Objective:** to deepen the knowledge necessary for an **optimal energy management and the implementation of energy efficiency measures**, allowing the advancement in your professional career.
- **Who is it addressed to?** To professionals with motivation to work in Energy Management, related to engineering, energy services, maintenance, architecture, consulting, building facilities and public administration industries and technicians.
- **Course dates:** 18th October of 2016 to 27th of June of 2017, with a duration of 215 hours.
- **Certificate:** by the Energy Foundation of the Community of Madrid, in collaboration with the

General Direction of Industry, Energy and Mines and the energy consulting Escan. Guaranteed by the European Commission.

- **More information:** leaflet and video <http://youtu.be/pJE1DQzpeLQ>.



## INSCRIPTION OPENED!

Interested please send an e-mail to [escan@escansa.com](mailto:escan@escansa.com)

#### Training course of Efficiency and Management in Industrial Steam Systems

- **Objective:** to acquire the required knowledge about energy efficiency and steam management in manufacturer industries.
- **Who is it addressed to?:** Directors and managers of energy, production and maintenance, environmental and quality SMEs experts, production and maintenance engineers, consultants, advisors, efficient technology providers for industries, responsible and technicians of the public administrations in positions related with the sector.
- **Course dates:** It will start the last quarter of 2016, with a duration of 12 hours (6 hours on-site and 6 on-line)
- **Certificate:** by the Companies Association, the European Commission and the energy consulting Escan.