



EVENT DESCRIPTION

Project Partner: Santander Municipality

Title of the event: Technical workshop on ICT Infrastructures and Services for Smart Cities

Date & location: 16 June 2016. Municipal exhibition palace, Santander.

Organiser(s): Santander Municipality in collaboration with ECG Eventos & TECH4Cities

Number of Participants: around 50

Summary

Santander Municipality collaborated in the Technical workshop on ICT Infrastructures and Services for Smart Cities where technicians from public administrations, private and academic sectors presented real projects on Smart Cities, developed in medium- and large-sized cities.

This event was opened by the Major of Santander. Several technicians presented projects related to Smart Cities developed in different cities such as Gijon, San Sebastian, Bilbao, Zaragoza or Santander. The general director of the new technologies department introduced the EPC project "Street lighting management of Santander city". The energy audit developed as first step of this project was explained in this workshop. Finally, a fruitful discussion took place about the current and future status of the Smart Cities in Spain.

Objectives & main programme points

The main objective was to create a knowledge transmission forum where municipal technicians, IT companies and representatives of academic environment from the north of Spain could share their experiences and lessons learnt. The idea was to open a debate forum about real needs in medium and small-size cities taking advantage of experiences and obtained results of projects developed in larger cities.

Speakers included majors, technicians from Spanish municipalities and representatives of IT companies and academic organisations. Attendees included, among others, municipal technicians, hardware and software companies, entrepreneurs, researchers and SMEs.



This event consisted of several presentations structured in four sections:

- Opening session, introduced by D. Iñigo de la Serna, Major of Santander city.
- Lecture, Digital transformation, by D. Jordi Hereu, CEO of IdenCity and ex major of Barcelona city.
- Urban mobility:
 - *Ztaxi*, taxi service for Persons with Reduced Mobility using smart card, presented by a technician from Zaragoza Municipality.
 - *Smart Card as key of the city*, development of citizen smart card which unifies different functionalities such as identification, access, payment, Citizen smart card developed in Zaragoza was presented by Eduardo Andres, CEO of Webdreams.
 - Valladolid, Bike-friendly city, the project to foster the use of bikes in the city was presented by D. Modesto Mezquia Gervás, from Valladolid Municipality.
 - Smartkalea project, which promotes environmental sustainability, energy efficiency, citizenship participation and transparency using cutting edge technology and it is materialised in the Mayor Street, one of the main streets of the Old Town in San Sebastián was presented by Nora Mendoza from San Sebastian city.
 - Improving urban mobility & accessibility, Santa Coloma de Gramanet use case. Due to city orography and in order to improve quality of life of citizens several elevators (vertical or inclined), mechanical ramps were installed. (D. Luis Perea Ventura, form Thyssenkrupp Elevators).
- Coffee break and networking
- Energy, water & waste:
 - Gijon Integrated City platform. The objective is to integrate all the municipal services in a unique platform in order to improve and optimize the service provision. As first step, a pilot streetlight project which includes the refurbishment of 1,250 lightpoints was presented by D. Alberto Garcia from Gijon Municipality.
 - Santander Waste management project including the main motivations, the device deployment, benefits and obtained results, was presented by Dña. Begoña Castaño (Project manager at Ascan Geaser), Dña. Eva Alvarez (Project manager at Everis) and D. Fernando Sanz (Project manager at NEC Iberica).
 - Efficient water management in Santander was presented by D. Miguel Sierra from CIC Consulting Informático.
- Lunch
- Urban infrastructures:
 - Traffic noise management at Bizkaia roads, the use of a tool for the analysis of noise impact in infrastructures, HASI, applied to Bizkaia roads was presented by D. Daniel Ruiz, from Bizkaia provincial government.
 - Financing energy efficiency in Smart Cities, where the EPC project “Street lighting management of Santander city” and the energy audit developed as first step of this project were explained by D. Jose Antonio Teixeira (Santander Municipality) and D. Rafael Gil (Soningeo).
 - Intelligent Transport Solutions (ITS) for the management of roads infrastructure in Bilbao was presented by D. Koldo Berasategui (Project Manager at Idom) and D. Pablo Isusi (Bilbao Municipality).

- Coffee break and networking
- Big data, the challenge of Smart City data management. A round table where experts from Municipalities (Valencia and Santander), IT companies (JIG, TST, CIC Consulting Informatica) share their experiences and vision about big data.
- Final conclusions.

Conclusions & lessons learnt

- All speakers agreed that the starting point in the process of becoming a real Smart City is to define a city strategy: if you do not know where you want to go, you will never know if you have reached it.
- Fostering cooperation between cities is important. It allows sharing experiences and lessons learnt from developed projects in some cities, which may be useful for other cities (i.e, not repeating the same mistakes).
- The technology may be considered as a tool which may help not only to get data from the city, but also to analyse and process it, to create new city services, and, as consequence, improve the quality of life of citizens.
- A city platform which allows integrating all the municipal services is recommended to optimise services, improving the service provision.
- Real projects which have improved the management of different municipal services in several Spanish cities have been presented, comparing initial and current figures.
- Big data concept may be taking into account in the Smart City environment due to the big amount of data that is being collected and processed, coming from different sources (streetlight, waste, water, urban infrastructures,...).

