

*LIFE CERSUDS is funded by the LIFE Programme of the European Union (Ref: LIFE 15 CCA / ES / 000091)*

## PRESS RELEASE

### ***The LIFE CERSUDS project, presented at the UPV's Civil Engineering and Environment Week***

- **This european research seeks to use ceramic tiles of low commercial value in urban retrofitting actions.**

Valencia/ 20/02/2019.- The LIFE CERSUDS project was presented this morning at the conference "Innovation in urban stormwater management: Efficiency and sustainability for the adaptation of our cities to climate change", held as part of the 25th edition of the Civil Engineering and Environment Week (SICMA 2019) organised by the School of Civil Engineering of the Polytechnic University of Valencia.

The aim of this meeting was to explain the main aspects of this European study, which seeks to develop and implement a sustainable urban drainage system based on the use of ceramic tiles of low commercial value that can be used in urban retrofitting actions. In fact, different project partners presented the main actions carried out within the framework of the LIFE CERSUDS project.

First of all, the main researcher from IIAMA-UPV (Institute of Water and Environmental Engineering of the Polytechnic University of Valencia), Ignacio Andrés, has highlighted in his speech "Towards an innovative and sustainable stormwater management in cities", the advantages of the use of Sustainable Urban Drainage Systems (SUDS) as they try to minimize "the consequences of urban development in terms of runoff production, both in terms of quantity and quality, to maximize the integration of landscape and providing social and environmental added value.

Javier Mira, Coordinator of the project, from ITC-AICE; has presented the innovative permeable ceramic solution proposed and tested during this project. "Parallel to this action, two other pre-projects are being carried out: one in the region of Aveiro (Portugal) and another in Fiorano (Italy), which are two areas with ceramic clusters and climate problems similar to Spain, with the aim of analysing the replicability potential of the system", said the ITC researcher.



Next, Gabriel Arribas and Jesús Fuentes (CHM Obras e Infraestructuras) explained the main technical details related to the civil works of the demonstrator, located in Torre Sant Vicent street in Benicàssim.

Finally, Jessica Castillo (IIAMA-UPV) closed the conference by highlighting the potential and benefits of SUDS for stormwater management, using as an example the first results of the hydraulic performance of the demonstrator during the rainfall episodes occurred in Benicàssim in October and November.

### **Project partners**

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It is coordinated by the Institute of Ceramic Technology (ITC) and also includes the Benicàssim City Council, the IIAMA-UPV (Institute of Water and Environmental Engineering of the Polytechnic University of Valencia), the Ceramic Centre of Bologna (CCB-Italy), CHM Obras e Infraestructuras, S.A., the Centro Tecnológico da Cerâmica e do Vidro (CTCV-Portugal) and the companies Trencadís de Sempre, SL. and CHM Obras e Infraestructuras

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