



LIFE CERSUDS Ref: LIFE 15 CCA / ES / 000091

PRESS RELEASE

The LIFE CERSUDS ceramic flooring system starts the first tests at its place of destination

The members of the LIFE CERSUDS project met today at the ITC, coordinator of the project, to share their activities and to witness the first tests of laying of the ceramic draining system in the municipality of Benicàssim, in Castellón (Spain)

Castellón, October 25th, 2017. The Instituto de Tecnología Cerámica (ITC) as coordinator of the LIFE CERSUDS Ceramic Sustainable Urban Drainage System project, today brought together all the participants in this initiative whose objective is, according to Javier Mira, head of ITC's Habitat Area and principal investigator of the project: "to develop an urban sustainable drainage system (SUDS) that uses ceramic material of low commercial value as a paving filtering system. What we want with this system is to improve the ability of cities to adapt to climate change and promote the use of green infrastructures in urban development plans of municipalities."

And he adds: "That is why we have designed and are going to implement, in 2018, this SuDS on Torre San Vicent street, opposite the sports centre in the town of Benicàssim (Castellón), which has an important tourist activity. Precisely, we are now installing in an area close to the demonstrator the first street test of the system, which consists of a permeable surface made of ceramic pieces of low commercial value that, practically in a handmade way, have been cut and piled up forming this innovative system that will help to collect the excess water coming from torrential waters, and that later can be reused for the irrigation of landscaped areas".



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The members of the LIFE CERSUDS team have several challenges ahead of them and until 2019, for example, that this demonstrator should serve as an example to show that flooding caused by torrential rains can be reduced by increasing permeable surfaces in cities; that it is possible to reuse stored water during the rainy season for its use in periods of drought, in addition to integrating rainwater treatment into the urban landscape.

In addition, and among many other objectives, LIFE CERSUDS aims to protect water quality, reducing the effects of diffuse pollution and thus avoiding problems in sewage treatment plants, also reducing CO2 emissions associated with the manufacture of paving materials, since the material used for this purpose is ceramic material in stock and with low commercial value.

All this, offering a quality aesthetic finish that avoids puddles and increases the comfort and safety of the streets in rainy weather.

All information at www.lifecersuds.eu