

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

PRESS RELEASE

El The LIFE CERSUDS Regional Working Group holds its sixth management meeting in Benicàssim

- **The phase of replicability, water quality monitoring and system results begins.**

Benicàssim, 11/12/2018.- The innovative drainage system with reuse of ceramic material of low commercial value that has been installed in the street Torre Sant Vicent of Benicàssim has obtained such good results that there are already two cities that are studying its implementation also in their urban patterns.

One of them in Portugal, the city of Aveiro, and the other in Italy, in the region of Modena, Fiorano Modenese. This was announced at the sixth meeting of the Regional Working Group, which was held in Benicàssim on 11 December 2018 as a follow-up to the Life-Cersuds project.

The mayoress of Benicàssim, Susana Marqués has shown her satisfaction for "turning Benicàssim into a pioneering city and an example of innovative and sustainable initiatives such as the remodelling of the street Torre Sant Vicent included in the European environmental innovation project, Life Cersuds. It is the foundation of the cities of the future, generate opportunities, assess their viability and export the results and the implementation of twin projects in other places giving value to that innovation".

The RWGLC promotes the development of this innovative project, financed by the LIFE Programme of the European Union under the reference: LIFE 15 CCA / ES / 000091, and in which are, together with the municipality of Benicàssim, the Institute of Ceramic Technology (ITC), the Polytechnic University of Valencia (UPV), 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 company Trencadís de Sempre, S.L. have reviewed the results of the first rains after completion of the work.

The Working Group has also placed emphasis on the data collection work that has now begun and which will monitor the efficiency of the system for at least one year. Data collection makes it possible not only to know how much water is deposited in the



reservoirs, but also the quality of this water.

The LIFE CERSUDS (Ceramic Sustainable Urban Drainage System) project incorporates a system consisting of a permeable surface whose skin is formed by a new material, with low environmental impact, based on the use of ceramic tiles in stock, with low commercial value. This system can reduce surface runoff water by almost 90% and reuse it for irrigation, as well as reducing diffuse pollution and improving water quality compared to other traditional systems.

In addition, with its use the elimination of pollutants can reach more than 70% in hydrocarbons, more than 50% in phosphorus, more than 65% in nitrogen and more than 60% in heavy metals, in addition to achieving a substantial reduction in CO2 emissions.

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