

PRESS RELEASE

The LIFE CERSUDS Project congregates the Regional Work Group to discuss about the sustainable drainage systems in the cities

- More than 20 representatives of city councils, universities, research centers, companies and public bodies have gathered at the Universitat Politècnica of Valencia (UPV) in the frame of the LIFE CERSUDS project, to promote a model change in Sustainable Urban Drainage solutions
- LIFE CERSUDS, funded by the European Union's Environment and Climate Action Program 2014-2020 (Ref: LIFE 15 CCA / ES / 000091) uses ceramic material in an innovative drainage system for the improvement and rehabilitation of the urban space, through a pilot demonstrator that will be located in the municipality of Benicàssim.

Castellón, May 4th 2017. The **Universitat Politècnica of València (UPV)**, at the request of the **Instituto del Agua y de Ingeniería Ambiental (IIAMA)** of this University, hosted this morning a meeting of the **LIFE CERSUDS Ceramic Sustainable Urban Drainage System** Regional Work Group, a meeting followed by more than 20 experts representing, for example, ASCER (Asociación Española de Fabricantes de Azulejos y Pavimentos Cerámicos), the Spanish Association of Tile Manufacturers, the Town Councils of Benaguasil, Castellón and Valencia, who have experience about that systems, the Confederación Hidrográfica del Júcar (The Hydrographic Confederacy of the river Júcar, the main river passing through Valencia) the Provincial Councils of Castellón and Valencia, the companies Green Blue Management and Planifica Ingenieros y Arquitectos, Coop. V.



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(Planifica), the Sociedad de Fomento Agrícola Castellonense S.A (FACSA) the agricultural development society from Castellón, and members of the consortium LIFE CERSUDS, as the Universitat Politècnica de València, the Town Council of Benicàssim, the Centro Tecnológico da Cerâmica e do Vidro, (CTCV), the research center of Portugal focusing in glass and ceramics, the Consorzio Universitario per la Gestione del Centro di Ricerca e Sperimentazione per l'Industria Ceramica - Centro Ceramico (CCB), the Italian research center focusing on ceramics, and the companies Trencadís de Sempre S.L. and CHM Obras e Infraestructuras, S.A.

The main objective of these regular working sessions is to analyze the transition model of this type of sustainable urban drainage systems to promote their implementation at regional and national level, with the help of public administrations, research centers, Universities, and other bodies involved in these areas of action where priority is given to the use of water resources, to avoid the adverse effects of climate change and to reduce CO₂ emissions.

In addition, the LIFE CERSUDS Regional Working Group (GTRLC) aims to define and delimit objectives, organize the agents and identify the problems of urban drainage and those linked to the implementation of the transition model.

Today, for example, the system demonstrator located in Benicàssim has been monitored, among other topics, preliminary prototypes have already been designed, analyzing types of ceramic materials and tests to be performed, such as strength, slip resistance, resistance to frost or to abrasion, among others.

In addition, the preliminary steps of a transition wheel to adapt these systems to cities, the involvement of other actors and the development of a long-term vision for Benicàssim have been treated in summary.

The main objective of the project **LIFE CERSUDS Ceramic Sustainable Urban Drainage System**, coordinated by the Instituto de Tecnología Cerámica (ITC) is to enhance the city capability to adapt to climate change and to promote the use of green infrastructures in urban planning by developing and implementing a demonstrator in a town. A sustainable urban drainage system (SUDS) is involved that produces low carbon emissions and refurbishes urban areas.

LIFE CERSUDS is coordinated by **ITC** and project partners include **Universitat Politècnica de València (UPV)**; the **Town Council of Benicàssim**, the municipality that will house the demonstrator; **Centro Ceramico di Bologna (CCB-Italy)**; **CHM Obras e Infraestructuras, S.A.**; **Centro Tecnológico da Cerâmica e do Vidro (CTCV-Portugal)**; and the company **Trencadís de Sempre, S.L.**

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