



ITC-AICE ADVANCES IN INDUSTRIAL SYMBIOSIS AND CIRCULAR ECONOMY WITH LIFE EGGSHELLENCE

(REF.: LIFE19 ENV/EN/000121)

Castellón, 27/09/2022.- The LIFE EGGSHELLENCE project, funded by the LIFE Programme of the European Union (Ref.: LIFE19 ENV/ES/000121) is taking significant steps in Europe by accepting a challenge proposed by the European Commission itself to record a 30-second video explaining what the project consists of and why the research team is proud to carry it out. The challenge was accepted by the principal investigator of the project at the Institute of Ceramic Technology (ITC-AICE), Dr. Francisca Quereda, who successfully responded to the challenge, despite the difficulty of summarizing the project in just 30 seconds.

LIFE EGGSHELLENCE aims to reuse and recover eggshell waste to incorporate calcium carbonate, the main component of the shell, into the ceramic composition, without having to extract it from nature itself.

In this way, an industrial symbiosis is established between two sectors, egg production and ceramics, whereby the waste, which is a major problem for egg production companies, is used by ceramics to be incorporated into the industrial process and to manufacture wall tiles, thanks to the construction of a device that separates the biological membrane from the eggshell so that it can be manipulated and correctly reintroduced into the composition.

"Our 30-second video caused a sensation in Europe, so the Commission's own communication team, Neemo, recorded another short video, or 'Reel', which also went viral," explains Dr Quereda.



This project is financed by the LIFE Programme 2014-2020 of the European Union for the Environment and Climate Action under the project number LIFE19 ENV/ES/000121.
Este proyecto está financiado por el Programa LIFE 2014-2020 de Medio Ambiente y Acción por el Clima de la Unión Europea con referencia LIFE19 ENV/ES/000121.

In a very short time, the LIFE EGGSHELLENCE project has reached thousands of people and organizations across Europe involved in sustainability, Circular Economy and industrial symbiosis.



Top Insider 2022 Awards

In addition, yesterday, 26th September, Business Insider Spain announced that it has organized the Top Insiders Awards 2022, in which it has nominated the LIFE EGGSHELLENCE project in the category "Smart Business Transformation".

This is very satisfying for the consortium members from Spain and Portugal, as they see it as a recognition of the partnership and cooperation work carried out by both sectors, including companies, universities and research centers such as the Institute of Ceramic Technology (ITC-AICE), which is coordinating the project.

LIFE EGGSHELLENCE at TECNA 2022, by MAINCER, S.L.

It should be noted that the LIFE EGGSHELLENCE project is present at TECNA 2022, in Rimini, one of the most important world events for the global ceramics sector, manufacturer of machinery and capital goods for the ceramics industry. The firm MAINCER, S.L., is a member of the project consortium and has built the machine that separates the biological membrane from the eggshell in order to process it properly.



More information:

Link to the video "30 seconds challenge":

[30 years of LIFE - LIFE Eggshellence message! - YouTube](#)

Link to Reel:

https://www.instagram.com/reel/CiPYiWPKb_/?igshid=MDJmNzVkJY=

TO VOTE:

Just click on the link and look for LIFE EGGSHELLENCE in the category: Smart Business Transformation.

<https://www.businessinsider.es/editorial/top-insiders-2022/>