



LIFE16 ENV/ES/000242

LIFE-2-ACID: Towards a sustainable use of metal resources in the galvanic industry

Newsletter 4  
Jun 2019

## LATEST NEWS PROJECT LIFE-2-ACID

### Attendance to ANQUE-ICCE-CIBIQ 2019

LIFE-2-ACID was presented during last ANQUE-ICCE-CIBIQ 2019 congress. UC participated with a flash presentation entitled "Environmental Impact Assessment of the hot-dip galvanisation process" within the topic "Environmental & Sustainable Chemical Engineering". Besides, APRIA was present with a both in which the project was disseminated.



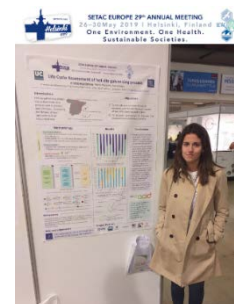
### Presence in LIFE 2019 Infoday

LIFE 2019 funding programme was launched last spring, and in Comunidad Valenciana region AIDIMME was invited to expose LIFE-2-ACID project as example of funded project in the topic Resource Efficiency.



### Participation in SETAC Europe 29th Annual Meeting

LIFE2ACID Project has been presented in the SETAC Europe 29th Annual Meeting, held during last 26-30 May. The University of Cantabria has participated with a poster entitled "Life Cycle Assessment of hot-dip galvanisation process" in the track "Measuring the Sustainability of Circular Economies: the Potential of LCA", which was a part of the session "Life Cycle Assessment and Foot-Printing".



### Attendance to Subcontratación 2019

+Industry combined trade shows, including Subcontratación, to join forces, consolidate its ability to showcase new technology, its innovative potential and external projection during 4-6 June. A total of 19,534 professionals from 72 countries have flocked to this meeting. AIAS took this opportunity to disseminate LIFE-2-ACID project on its stand.

[www.life2acid.eu](http://www.life2acid.eu)



## AIAS assembly

AIAS assembly was attended by most of their associated, and this opportunity was taken to disseminate the main objectives and impacts of LIFE-2-ACID project.

## Attendance to ChemPlast

ChemPlast is an industrial fair focused on innovative solutions for materials, technologies, processes and machinery related with chemical and plastic industries. The fair had 8,000 attendees and 200 expositors. AIAS has participated as exhibitor, presenting the roll-up and relevant information of LIFE-2-ACID project.



# ACTIVITIES

## Final video for the "Ciencia con Arte" contest

A group of secondary school students of the "I.E.S. Ocho de Marzo" (Castro Urdiales, Spain) has developed an educational video about LIFE-2-ACID project. In the video, the students have used stop motion animation to show their view on the project, explaining the key concepts in a simple way for the overall public. For this purpose, they were supported by the Chemical & Biomolecular Engineering Department of the UC, keeping several meetings to focus the work towards visual and intuitive result. It was a great experience with fantastic results, the video is [here](#) (in Spanish).

## MBSX pilot completed

The pilot based on MBSX has been already constructed and its currently under operation. The system includes the tanks for the different streams (acid, organic and stripping), the extraction modules, pumps, security filters, agitators, flowmeters, level sensors, pHmeter, conductivimeter and several manometers for systems monitoring.



## Advances in EW pilot

Together with the first running test of MBSX pilot, the EW is making progress on the efficient removal of iron and the subsequent recovery of zinc. It is expected that the positive separation achieved with MBSX will improve the quality of the zinc to be recovered.

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- ✓ Follow us and check our latest news in:  [Life-2-Acid](https://twitter.com/Life-2-Acid)
-  [www.linkedin.com/in/life-2-acid-project-95848114b/](https://www.linkedin.com/in/life-2-acid-project-95848114b/)
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