



LIFE16 ENV/ES/000242

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

Newsletter 3
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LATEST NEWS PROJECT LIFE-2-ACID

Attendance to Euromembrane 2018

LIFE-2-ACID had a noticeable presence in Euromembrane 2018 congress. A dedicated booth was prepared by APRIA, while UC and UPV presented two technical contributions:

- Membrane-based liquid extraction as a key technology for secondary zinc recovery from spent pickling acids. A. Urriaga, I. Ortiz, J. Pinedo, P. Gómez. Poster.
- Scale-up of a membrane electrochemical reactor for zinc recovery from spent pickling baths. J. Carrillo-Abad, M. García-Gabaldón, E. Ortega, A.M. Urriaga, V. Pérez-Herranz. Poster.



Dissemination in XXXIX GE-RSEQ & 3rd E3-MS

The meeting of the Electrochemistry Group of the Spanish Royal Society of Chemistry (RSEQ) was attended by UPV, presenting one contribution: Kinetic modelling of zinc recovery coming from spent pickling baths. J. Carrillo-Abad, M. García-Gabaldón, V. Pérez-Herranz. Poster.

Participation in the European Researchers' Night 2018

LIFE-2-ACID project has participated in the European Researchers' Night 2018, held in Santander. UC staff prepared an environmental education activity aimed at disseminating the concepts of circular economy, waste recycling and reuse, consisting of the colour drawings, under the supervision of a monitor.



Participation in the "Science with Art" contest

LIFE-2-ACID project participates in the Science with Art contest, promoted by the UC with the aim of bringing research closer to young people and promoting scientific vocations. In this contest, the students of high school education "I.E.S. Ocho de Marzo" (Castro Urdiales, Spain) will have to make a video with the animation technique "stop motion" explaining the research project that has been assigned to them. The first meeting to explain the project has been already done, you can visit the video [here](#).

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Attendance to MetalMadrid 2018

The 12th edition of MetalMadrid 2018 was the largest fair for industrial innovation in Spain. The fair has served as a showcase for sector innovation, with a clear role for the digitization and technology. The fair was attended by 550 exhibiting companies and 9,000 professionals. In this framework, the association AIAS participated as an exhibitor, presenting the poster and the most relevant information of LIFE-2-ACID project.



Attendance to ChemPlastExpo

ChemPlastExpo 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

Annual meeting

LIFE-2-ACID annual follow-up meeting was held in AIDIMME facilities. During the meeting, the actions and main advances were exposed, defining the activities to be executed during the second project year. The meeting was very interesting for all the partners and served to strengthen the collaborations between the different entities.

2ND Monitoring Meeting

The monitoring experts of LIFE programme assigned to LIFE-2-ACID Project visited the facilities of the University of Cantabria to revise the progress of the project, aiming to successfully present the MidTerm Report.



Visit to Galvanizados Izurza (GISA) facilities

Partners from UC and APRIA Systems visited the production facilities of the company Galvanizados Izurza (GISA), located in Izurza (Basque Country). This visit served to get first-hand information about galvanizing process with a different approach as in GALESA.



EW pilot completed

The pilot based on EW has been already constructed. The system includes a decanter reactor to oxidize the iron present, a rotary sieve and filter bag to remove it, and the electrochemical reactor. The system also includes a pumping system and a flowmeter.

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