



LIFE16 ENV/ES/000242

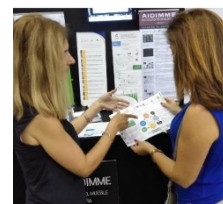
LIFE-2-ACID: Towards a sustainable use of metal resources in the galvanic industry

Newsletter 5  
Dec 2019

## LATEST NEWS PROJECT LIFE-2-ACID

### Participation in Ecofira 2019

AIDIMME participated in the International Fair of Environmental Solutions "ECOFIRA 2019", contributing to the dissemination of LIFE-2-ACID project. Within this framework, the LIFE-2-ACID project has been presented as an innovative alternative for the treatment and recovery of spent pickling acids generated in the metal surface treatment sector.



### Presence in the Science Week 2019

LIFE-2-ACID was present in the Science Week organized by UC, one of the most important scientific events in Europe. More than 150 students from different schools visited the UC laboratories to know more about LIFE-2-ACID project. The students did an experiment of zinc extraction from spent pickling acids. Furthermore, they become aware of the circular economy concept.

### Participation in the European Researchers' Night 2019

LIFE-2-ACID project was present again in the European Researchers' Night, whose main objective is to discover the funny side of science and promote research as a professional career. In this context, LIFE-2-ACID project was present, along with other projects, and the whole society was informed about the benefits for the environment of giving a second life to spent pickling acids from galvanization.



### Workshop "Municipalities facing the circular economy"

MARE has participated in the II Workshop "Municipalities facing the challenge of the circular economy", in which the different opportunities to carry out the transition from a linear to a circular economy were discussed. The workshop was attended by institutions, agencies and associations involved in supporting the circular economy.

www.life2acid.eu



## Attendance to MetalMadrid 2019

The 13<sup>th</sup> edition of MetalMadrid 2019 was the largest fair on industrial innovation in Spain. The fair has served as a showcase for sector innovation, with a clear role for the digitization and technology. The increasing relevance of the fair is evident based on the numbers, with more than 600 exhibiting companies and 12,000 professionals attending the event. AIAS has participated in the fair as exhibitor, where the LIFE-2-ACID project has been disseminated, including the latest validation results.



## ACTIVITIES

**C2M, monitoring & follow-up meetings for LIFE-2-ACID** Last November 26 and 27, the annual monitoring of LIFE-2-ACID project was carried out, including three meetings:

- i) Close-2-Market (C2M), the project has been selected by EASME to receive personalized advice, focused on defining a roadmap for the future technology commercialization. Stefan Koren, the external expert, presented the services offered and discussed the actions to be taken with the consortia members.
- ii) Project monitoring, carried out by Cristina Vicente, evaluating the correct progress of the project, both technically and administratively.
- iii) Follow-up of the project, the partners discussed the current status of validation and demonstration actions and established and coordinating the following tasks to be executed.



### First results about selective zinc recovery

After commissioning and the start-up, the MBSX demonstration plant is already performing the first testing. From the tank 1 of initial pickling acid, more than 60% of the zinc present has been extracted, reaching the colour and appearance shown in tank 2. Tank 3 shows the stripping phase selectively loaded with zinc, and almost iron free. These first satisfactory results will be used to optimize the operation and performance of the MBSX plant, to provide the electrowinning plant with the stripping phase.

## PUBLICATIONS

- ✓ AIAS Newsletter

<https://www.centrem.cat/ecomu/upfiles/aiasrevista/fitxers/A1431.pdf>

## STAY UPDATED

- ✓ Download all dissemination material from our webpage: [www.life2acid.eu](http://www.life2acid.eu)

- ✓ Follow us and check our latest news in:  [Life-2-Acid](#)



[www.linkedin.com/in/life-2-acid-project-95848114b/](http://www.linkedin.com/in/life-2-acid-project-95848114b/)

- ✓ For more information please contact the Project Manager: [javier.pinedo@apriasystems.es](mailto:javier.pinedo@apriasystems.es)

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

