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Newsletter #9 September 16, 2020

#### **Editorial**

Dear colleagues,

We begin our newsletter number 9 with our new video "On the Road to Solar Fuels" that has been presented to **The Future Tech Week 2020 Spotlight Video Contest**, one of the many activities taking place in the event organized by **FETFX** with the support of **EIC**, from 21 to 25th of September.

We continue with another video where Magalí Ligenfelder, our colleague leading the work of EPFL in A-LEAF, explains how the current pandemic crisis is affecting the research projects she and her team are currently working on.

We take the chance to congratulate our colleague Ulrike Diebolt, leading the work of TU Wien in A-LEAF, for being awarded with an ERC Advanced Grant.

We finish off with our outreach corner and our latest results published in Open Access.

Enjoy the reading!

The A-LEAF team

On behalf of the A-LEAF consortium Prof. José Ramón Galán-Mascarós (ICIQ), coordinator of the A-LEAF project

## **New A-LEAF Video**



Watch this new **video** to learn more about our project, the A-LEAF prototype and what is coming next for the substitution of fossil fuels in our society.

#### **More News**



Do you want to know how scientists are coping with the current pandemic crisis and how the lockdown of laboratories affected them? Magalí Ligenfelder explains her own experience in this **interview**.



Congratulations to Professor Ulrike Diebolt, from TU Wien, who has recently been awarded with a European Research Council (ERC) Advanced Grant to develop the project WatFun – Water at Oxide Surfaces: A Fundamental Approach.

#### **Outreach corner**



Throughout the past months, A-LEAF has been featured in one of the main Spanish newspapers, *El País*: "Una hoja artificial que transforma dióxido de carbono en combustible"; and one of the consortium group's articles has been highlighted in Chemistry World: "Laser carved copper catalysts unveil secrets of turning CO2 into fuels".

### **Our latest publications**



# An Integrated Photoanode Based on Non-Critical Raw Materials for Robust Solar Water Splitting

Drialys Cardenas-Morcoso, Miguel García-Tecedor logoa, Tsvetelina Merdzhanova, Vladimir Smirnov, Friedhelm Finger, Bernhard Kaiser, Wolfram Jaegermann and Sixto Gimenez\*

Mater. Adv., 2020, 1, 1202-1211, DOI: 10.1039/D0MA00355G









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