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RETROFEED Process Industry Newsletter

AGROCHEMICAL • ALUMINIUM • CEMENT • CERAMIC • STEEL

June 2022

The project

Last months overview



June 2022

RETROFEED General Assembly in Huelva, Spain

RETROFEED's partners finally had the chance to meet again in person for the VI General Assembly that took place in Huelva, Spain. Other than discussing the project's progress, dedicated workshops took place from each demo-site and visits to Grupo Fertiberia sites were carried out.

[Read more](#)



May 2022

Design and drawings of the new burner head design

In the aluminum industry, RETROFEED's objective is to increase the amount of scrap aluminum in the furnace to save energy, decreasing, therefore, CO2 emissions and the carbon footprint of the process. For this reason, retrofitting solutions in the ASAS demo site are focused on the oxygen injector system, the new burner head and the delacquering drum system.

[Read all about it](#)



April 2022

RETROFEED Decision Support System (DSS) release

After almost two years, OPTIT, closely working with the industrial partners and the research centres to develop a DSS specifically designed to monitor, analyze and simulate the core processes exploiting a series of advanced digital models tailor-made for each project use case, initiated the roll-out of the application, giving access to the first partners: Pittini Group and Torrecid.

[Know more](#)



March 2022

Retrofeed signed Collaboration Agreement with RE4Industry

A new collaboration made its way to RETROFEED! Coming from common synergies and goals RE4Industry EU project provides vision and support to European Energy Intensive Industries and their organizations, guiding them on their path toward total decarbonisation by 2050.

[Check it out](#)

Upcoming Events

IFA Technical Conference 2 - 6 SEP 2022

In Berlin, IFA presents the latest products and innovations in the heart of Europe's most important regional market. It is the main meeting place for key retailers, buyers, and experts from the industry and the media.

[Read more](#)

European Sustainable Energy Week - EUSEW2022 26 - 30 SEP

#EUSEW is back! Going green and digital for Europe's energy transition is this year's focus. The event will comprise a high-level Policy Conference, as well as networking opportunities and the third European Youth Energy Day.

[Know all about it](#)

CONFERENCE ON SUSTAINABLE DEVELOPMENT OF ENERGY, WATER AND ENVIRONMENT SYSTEMS - SDEWES 06 - 10 NOV 2022

The 17th SDEWES is dedicated to the advancement and dissemination of knowledge on methods, policies and technologies for increasing the sustainability of development by decoupling growth from the use of natural resources and by a transition to a knowledge-based economy.

[Find out more](#)

ENLIT Europe 29 NOV - 01 DEC

This event, taking place in Frankfurt, Germany is considered a constantly growing, inclusive and end-to-end forum that addresses every aspect of Europe's energy transition. RETROFEED project will be a part of it!

[Stay tuned](#)

Hot off the press

[Campaigners hail 'historic breakthrough' on revised EU biomass rules](#)

[REPowerEU: affordable, secure and sustainable energy for Europe](#)

[Heat Pumps to REPowerEU: The need for a European industrial heat pump policy](#)

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About RETROFEED

RETROFEED main objective is to enable the use of an increasingly variable, bio-based and circular feedstock in process industries through the retrofitting of core equipment and the implementation of an advanced monitoring and control system, and providing support to the plant operators by means of a DSS - Decision Support System - covering the production chain. This approach will be demonstrated in five resource and energy intensive sectors (ceramic, cement, aluminium, steel, and agrochemical) with the potential to reach in average an increase of 22% in resource efficiency and 19% in energy efficiency, with a consequent reduction in costs and GHG emissions of 9.3 M€ and 135 kton CO2 respectively. Funded by the Horizon 2020 programme, it is a SPIRE 2030 initiative.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N.869939

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