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RETROFEED Process Industry Newsletter

AGROCHEMICAL • ALUMINIUM • CEMENT • CERAMIC • STEEL

December 2020

[The project](#)

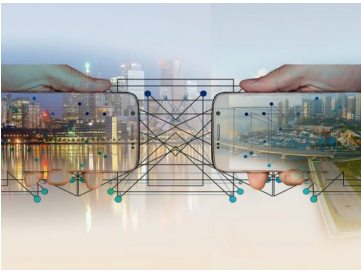
What happened in the past months



December 2020 Energy Audit & Augmented Reality: how to link them?

RETROFEED brought innovation to life on 02.12! Partners used advanced technologies such as augmented reality to overcome the barriers posed by Covid-19. How? Have a look at the video of the event.

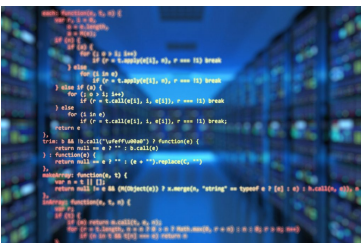
[Watch the video](#)



September 2020 How to transfer solutions among industries of different sectors?

The ultimate goal of RETROFEED is to provide industries with the necessary tools and strategies to incorporate variable, preferably biobased feedstock, leveraging on circular economy opportunities. But are the **solutions** developed **transferrable** among the different industries involved? Might this lead to **industrial symbiosis**?

[Read more about it](#)



September 2020 Retrofitting tools for industries: what is already available?

In the last decades, digital tools have become the key for handling complexities and evaluate opportunities in multiple industrial sectors. **Industry 4.0** is part of this trend and is opening the door to the next phase of industrial digitalization where data, advanced analytical capabilities and new modelling techniques are leveraged to increase productivity with a specific focus on sustainability. So, what's the **state-of-the-art of the industrial digital landscape**, in six different industrial sectors?

[Read the full report](#)



September 2020 RETROFEED innovation goes online! Participation at 15th SDEWES

Implementation of smart pioneering retrofitting frameworks in the process industry by developing variable, biobased, and circular solutions brought online at the **SDEWES 2020 conference** on sustainable development of energy, water and environment systems.

[Read the press release](#)

Upcoming Events

[Full list here](#)

EU Industry Days (22-26 February 2021)

#EUIndustryDays21 EU Industry Days is Europe's flagship annual event on industry. It serves as the main platform to discuss industrial and policy challenges, opportunities and responses in an inclusive dialogue with a wide range of partners.

[Read more](#)

WIN Eurasia (10-13 March 2021)

360 Degree Manufacturing Industry From sheet metal processing to metal forming technologies; automation services to electric and electronic equipment, hydraulic & pneumatic services to intralogistics, WIN EURASIA 2021 will bring all the ecosystem needed for the future's factories

[Read more](#)

MADE IN STEEL (26-28 May 2021)

As one of the most known steel conferences and exhibitions, every two years 'Made in Steel' gathers major companies and groups from the steel industry (steel production, trade in raw materials, processing, distribution of steel products, utilisation). A chance not to be missed!

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Hot off the press

[Read more here](#)

Europe's energy-intensive industries coping with covid crisis while trying to stay on sustainable path - [Read more](#)

Europe's steel industry and the need to decarbonise - [Read more](#)

EUROFER Latest Report - Economic And Steel Market Outlook 2020-2021 - [Read more](#)

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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

[Find out more](#)

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