

PROCESS INDUSTRY NEWSLETTER

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LAST MONTHS' OVERVIEW

ENLIT 2022

RETROFEED was present at ENLIT in Germany for the 3-day event under the EU projects zone. [Read about it here!](#)

RETROFEED VII General Assembly

Last November, the project's consortium got together in Udine, Italy to discuss RETROFEED's progress and next steps. The meeting allowed an insightful visit to Pittini group facilities. [Check the key conclusions.](#)

Monitoring and demonstration plan

For each of the 5 different resource and energy intensive sectors demonstrated in RETROFEED's approach, a DSS is being developed. The data exchange protocols, and common interface have been defined. [Find them here.](#)



EXPERT INTERVIEW



[Read the full interview by clicking on the image!](#)

HIGHLIGHT PROJECT PROGRESS

RETROFEED is progressing according to plan and the preliminary results show exactly how circular economy concepts can be applied to retrofitting. Even though some of the deliverables on the project are confidential, the project has prepared some documents with relevant key takeaways. [Here they are!](#)

SOCIAL MEDIA TOP POST



[Check the full post by clicking on the image!](#)

PROJECT PROGRESS AS SEEN BY CIRCE

Digitalisation, develop innovative sensors and allow the use of alternative feedstock is a great challenge for all Resources and Energy Intensive Industries. In RETROFEED we are in the last phase of the project, where almost all developments have been finished and the demo sites are installing and testing them. Even in some demo sites, the first results of the modifications carried out are being obtained, and reduction of consume of combustible and emission of CO2 and NOx are achieved. CIRCE, as coordinator is overseeing all advances and, moreover, developing visual monitoring systems and digital twins for ceramic, cement, and agrochemical companies.



QUIZZ CORNER

Modernising the Steel Industry: A step forward for digitalisation in Electric Arc Furnace (EAF)

What is the name of this process?

[Find the answer here](#)



UPCOMING EVENTS

Modernising the Steel Industry: A step forward for digitalisation in Electric Arc Furnace (EAF)

The first session of a workshop series on RETROFEED sectors solutions is happening soon. [Register](#) now and don't miss out. Stay tuned for the following sessions!

January 12th, 2023
Online

EU Energy transition – what role for critical raw materials?

[Join](#) this EURACTIV Virtual Conference to discuss the role of critical raw materials in ensuring a fast and ambitious energy transition across Europe.

February 8th, 2023
Online

World Sustainable Energy Days

In 2023, the World Sustainable Energy Days show the critical role of the energy transition in securing the clean energy future and concrete policies, technologies, and markets. Check the details [here!](#)

February 28th to March 3rd, 2023
Wels, Austria



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.



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