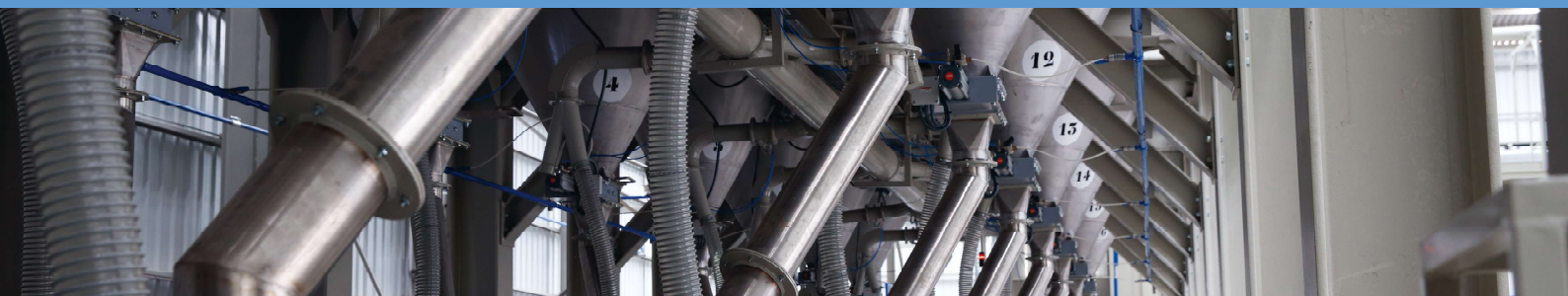


Development of an Efficient Microwave System for Material Transformation in energy INTensive processes for an improved Yield



Project progresses & updates

The consortium of the project is getting closer to achieving the project's targets.

Are you curious to discover what's new?

Read the seventh issue of the DESTINY Newsletter!

This issue provides mainly information about:

- the set-up of the pilot plant at Keraben.
- participation in international events.
- updates on the activities carried out in the frame of the NiChe Cluster.

Remember to [subscribe to the DESTINY newsletter](#) and follow our progresses visiting the [project website](#) and [LinkedIn](#) and [Twitter](#) accounts!

COMPLETION OF PR2

DESTINY has completed its first three years of activities. It has not been an easy time, but thanks to the commitment, experience, and effort of all our partners the results are very encouraging, and we are closer to achieving the project's targets. After a successful review by the European Commission, the Consortium is ready to start the upscaled semi-industrial tests.

THE SET-UP OF THE PILOT PLANT AT KERABEN

The DESTINY mobile modular plant has been set up. This is the culmination of months of preparations and laboratory trials and brings the project to a semi-industrial stage. The modular concept translates into a high flexibility of production and makes it easy to locate it where efficiency is greater, giving this concept a high potential for market application. In the coming months, the use of the mobile modular plant for the feedstock processing of materials in our three sectors (ceramic pigments, cement, and steel) will allow us to record the actual positive impacts of this novel way of microwave processing. Furthermore, the data thus generated will be used to develop sustainable key performance indicators, and to devise safety guidelines. We look forward to sharing the results with you.



COLLABORATION WITH OUR SISTER PROJECTS

NiChe Cluster: activities are moving forward

The NiChe Cluster brings together [LIBERATE](#), [SIMPLY](#), [PERFORM](#) and DESTINY projects with the aim of enable the transition towards a more sustainable chemical and building materials sector using non-conventional energy sources for feedstock material processing.

Check out the [flyer](#) we've produced as part of the Horizon Results Booster in collaboration with our sister projects to learn more about our different innovative approaches to this worldwide challenge!

Interested to know more about the future of the chemical industry?
Take a look at our [video](#)!

LATEST EVENT ATTENDED

DESTINY at the PROCESSES4PLANET Forum

On June 9, 2022, DESTINY joined the [PROCESSES4PLANET FORUM](#), held by ASPIRE2050 in Brussels (Belgium).

On behalf of the project, Valentin Polo from [PNO Spain](#), partner in charge of the DESTINY's Exploitation task, presented the project outputs to the ASPIRE community highlighting its contribution to the Processes4Planet ambitions of climate neutrality, circularity, and competitiveness of the process industry.

DESTINY joined the A.SPIRE Village at the IndTech Conference 2022



DESTINY took part in the [Conference on Industrial Technologies \(IndTech 2022\)](#), an event held in Grenoble (France) from June 27th to 29th dedicated to Green Digital Technologies, Future trends and challenges or Circularity and sustainability, with the presentation of roadmaps and strategies for materials and manufacturing in Europe.

In this context, the DESTINY project has the chance to present itself, the results already achieved and what to be expected in the upcoming months.

Angel Lopez from [CEINNMAT](#) and Amin Nasini from [PNO Spain](#) participated in the A.SPIRE Village to provide information about this H2020 initiative to industry and innovation leaders, scientists, researchers and public decision-makers.

Take a look at the [poster](#) displayed within the conference!

DESTINY CONSORTIUM



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For more info about project visit the DESTINY website at: www.destinyh2020andbeyond.eu



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 820783.

