

XERIC ends but the story continues!

Welcome to our sixth and last newsletter.

After three years of enriching and efficient collaborative work, XERIC is going to end on May 31, 2018. I am particularly glad to share the results that we have successfully achieved.

The prototype of the new Climatic Control System (CCS) works perfectly in the most critical conditions! It is impressive to see how well it extracts water from air and how well balanced is the system. In fact, the prototype has been demonstrated to be able to save at least 30% of the energy stored in the battery of electric vehicles (EV) currently on the market in critical Summer conditions and at least 50% of the energy needed all year around.

Moreover, and this is particularly remarkable, **the performance has been demonstrated in industrially relevant environment (TRL6)**, i.e. at a higher level than the initially set objective (TRL4).

This was possible thanks to the commitment of all XERIC partners to work in synergy and focused always on the final objective: develop an industrially viable new CCS! This attitude has permitted to overcome several important technological obstacles that have emerged during the project life and that by ourselves none of the partners would be able to overcome.

I also must acknowledge the important contribute to the success of our project given by the members of the XERIC Strategic Advisory Board: Prof. V-K. Peinemann, Prof. J-C. Charpentier and Dr. F. Ausiello. They have supported our work continuously and professionally by guiding us with their scientific and technologic strategic advices.

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We have also synergized our efforts with two more EU H2020 projects: JOSPEL and OPTEMUS. In fact, a cluster around the "green vehicle priority" of INEA has been created and has actively worked in disseminating the main achievements to industrial partners, media and civil society in the frame of various workshops and congresses. Please read in this newsletter the interview with Vanessa Gutierrez (JOSPEL coordinator), Aloïs Steiner (OPTEMUS coordinator) and Andrés Caldevilla (OPTEMUS partner).

At this time **XERIC ends, but the story continues to possibly achieve full implementation of the results.** In fact, XERIC partners intend to exploit the results of the project, both industrially and academically. Efforts are already in progress to continue the work to develop commercially attractive products (working with OEMs) and to attract the interest of students for this new technology (working with universities and research institutes).

Please be in touch with any of the partners of XERIC consortium, shall you be interested in acquiring more specific information.

SAVE THE DATES: the 6th International Congress on Green Process Engineering (GPE 2018, 3-6 June in Toulouse, France) as well as the coming JOSPEL workshop hosted by CTAG (25 October 25th in O Porriño - Pontevedra, Spain) will showcase XERIC results in the coming months!

Enjoy this last issue,
And keep in touch! We will be pleased to go further with you.

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