



FengTech and LMT representatives at the Agri-Food Convention, in Laval in October

## Welcome to the 4<sup>th</sup> ICaRE4Farms newsletter

2023 Happy New year. 2022 was a busy year for the project. On pilot sites 2 and 3, construction of the new plants commenced in late November. The 4th and last pilot has been chosen, news on that will be published later. And the call for applicants for the next phase of the project has been launched.

### Call for applicants

Do you have a farm with a high hot water requirement?  
Have your energy bills increased over the last year?  
Would you like to reduce those costs by using the sun to heat water?  
To apply click link below

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### Our new Companion Website Launched

After months of development, our fresh & complementary alternative to the official Interreg North West Europe (NWE) website for the ICaRE4Farms project is now available online.

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### Agricultural Days at Someren

On the 17th and 18th of September 2022, CCS had a stand at a Dutch fair aimed at agricultural innovations and developments in the lovely town of Someren. The fair is called "Agrarische Dagen Someren". The fair, called "Agrarische Dagen Someren", unfortunately, took place on a pair of rainy days, but this did not dampen the spirits of the visitors who came from far and wide to see the latest and greatest in agricultural innovations. The event boasted some trusted names such as Lely, Agrifirm, Alfa Laval and of course CCS Energie-Advies.

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### ICaRE4Farms Feasibility Tool

Project Partners CCS energie have developed a feasibility tool that will give anyone interested in applying solar thermal energy the opportunity to perform a desktop analysis of their energy use and to see how a solar thermal plant would reduce their energy use.

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## ICaRE4Farms at Vegetal Villages

On October 7th 2022, Gilles Beaujean, from our partner, the Chamber of Agriculture attended the Vegetal Villages event in Noyant-Villages, France. This show is a one-day event, held on a local farm, and invites all farmers to learn new techniques, new ideas & new contacts. The event was dedicated to farmers, agricultural students, farm advisors, and local elected representatives.

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## Hot milk for calves thanks to the sun

Jérôme Dutertre is a farmer (veal and pigs) in Mayenne, France. To reduce his energy bills and carbon footprint, he installed a FENGTECH solar thermal energy system on his farm in 2018. Mr Dutertre needs hot water to feed the calves every morning and evening, and heating this water represented 70% of the energy required on his farm. Read an article about the positive impact of the solar thermal energy system after 3 years. In the article, Mr Dutertre says "It was the price of gas that motivated me to install the system. When I see the prices increasing now, I think it was a good decision."

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## Scientific paper on solar thermal published by UBS

A scientific paper titled "Modelling of "Water-in-glass" Solar Water Heaters Installation" written by Julien Gambade, Hervé Noël, Patrick Glouanne and Anthony Magueresse from the University of South Brittany has been published online by IOP Publishing Ltd. The paper is open source and is available for free.

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## UK dairy farmers help evaluate IcaRE4Farms for English conditions

On 19th October the local (Kendal, Cumbria) National Farmers Union hosted a discussion on IcaRE4Farms. Cumbria is the county that produces the second-largest volume of milk in England.

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## Space Event Rennes

ICaRE4Farms had a stand at the SPACE international exhibition for animal breeding which takes place every year in Rennes, France.

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Fengtech win award at Space Event in Rennes

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## ICaRE4Farms at EU CAP network event in Porto

The European Commission's Directorate-General for Agriculture and Rural Development (DG AGRI) and the EU CAP Network Support Facility for Innovation & Knowledge exchange | EIP-AGRI organised a seminar on 6-7 December 2022 in Porto, Portugal to find innovative solutions in response to the accessibility and affordability of energy and fertilisers and build resilient farming and food systems through smart circular economy approaches at farm and local level to safeguard food security and address climate objectives.

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## Important visitors and Conferences in Laval

First, French President, Mr Macron visited Laval on the 10th of October. This visit was followed by the Agri-Food Convention, organised by the national newspaper Ouest-France. The event was attended by the French Minister of Agriculture, M. Marc Fesneau. The event enabled the project to reach out to an extended audience, mainly composed of students in the agricultural field.

Following this event, on Saturday 15th October, Laval Mayenne Technopole & Fengtech participated in a forum of local elected representatives and public actors from Mayenne county.

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## 6th Consortium Meeting in Sligo, Ireland

Our 6th consortium meeting took place in Sligo, Ireland on 21st and 22nd June. The event was a hybrid in-person and virtual meeting.



## Check out our social media Channels

