



**Register now - Webinar**  
13th June 2023 – 10:00-11:30 (CEST)

**Solar Thermal Energy in agriculture**  
Supporting technology uptake and political incentives



## Welcome to the 5th ICaRE4Farms newsletter

There has been a lot of activity so far this year. Construction commenced at the 3 pilot sites, with 2 already completed and working. Our teams have been busy presenting Solar Thermal at various events or preparing to attend many of the agricultural shows that will be taking place during summer 2023.

### Previous Events

#### Presentation to West France Climate Energy Forum

On 23 March 2023, Hugo Jeuland from ICaRE4Farms partner Fengtech presented their new generation solar thermal energy technology, a sustainable solution for heating water in agricultural activities. This was part of an event organised by the Chambers of Agriculture of Pays de la Loire (France) called "West France Climate-Energy forum 2023" during a session entitled "Innovative solutions for the production of energy for the future".

[Read More](#)

#### 7<sup>th</sup> Consortium Meeting in Leuven, Belgium

Our 7<sup>th</sup> consortium meeting took place in Leuven, Belgium on the 23<sup>rd</sup> May. The event was a hybrid in-person and virtual meeting. We were joined by our EU project officer Ms Rebecca Grossberg from North West Europe.

#### ICaRE4Farms at Salon International de l'Agriculture 2023

On Thursday, March 2, the Interreg North West project ICaRE4Farms was presented at the Salon International de l'Agriculture 2023 in Paris. With more than 615,000 visitors, this is a major event for the actors of the agricultural world.

[Read More](#)

#### Make Energy Convention

On June 2<sup>nd</sup>, the Chamber of Agriculture of Pays de la Loire (CAPDL) held an exhibition on renewable energy on its site of Laval, near Laval Mayenne Technopole (LMT).

It was a one-day event dedicated to farmers in the Mayenne county. Fengtech and CAPDL held a common stand to show an innovative solar water heater and to present the Icare4farms project.

[Read More](#)



### Pilot Site 2 construction and inauguration

Construction on this pilot site in Belgium commenced in late 2022. It began with site clearance works, laying underground piping and creating the concrete plinths onto which the STE equipment would be placed. After the concrete set, building and placement of the panels occurred, allowing the water connection to be turned on.

The site was inaugurated on May 24th, with over 120 guests attending. Belgian news channel RTV were there to showcase the technology on their news channels.

### Pilot Site 3 construction and inauguration

Construction on this pilot site in The Netherlands commenced in late 2022. This plant was constructed differently to the previous installations, showing the versatility of the equipment. It was constructed over ponds, to save space.

Its inauguration occurred on May 25<sup>th</sup>, near Deventer. It showcased to a pool of over 20 people an ingenious application of STE for heating a biodigester.

### Pilot Site 4 construction

EARL La Haute Brosse, is a pig farm located in North West France (Pays de la Loire). This pilot site will have a high efficiency STE system to supply hot water to heat a pig farm with 285 sows (maternity & fattening). It will be composed of 14 solar panels with their 4200 litres of solar tank storage (new generation STE) and some instrumentations. The pilot site will offer full information of the performance of the STE system in the pig farms heating activity.

In the picture below, the glass tubes are being installed.







Team members from FengTech, AC3A and LMT at the Make Energy Convention, in Laval in June 2023

## Upcoming Events

### Webinar “Solar Thermal Energy in Agriculture – Supporting technology uptake and political incentives”

On June 13 2023, a webinar “Solar Thermal Energy in Agriculture – Supporting technology uptake and political incentives” will be held online. Registration is open to anyone interested in learning more about Solar Thermal Energy

[Register here](#)

### Innov'action weeks 2023 (France)

Innov'action 2023 will take place at various locations in Pays de la Loire 13-15 June and in Brittany from June 20 to 22, 2023. 4 farms will open their doors to the public to showcase their solar thermal plants.

[Read More](#)

### The Energy & Farm Diversification Show 2023 (Ireland)

ICaRE4Farms will be attending the The Energy & Farm Diversification Show 2023 at Gurteen College, Co. Tipperary, Ireland, on Thursday July 20th 2023. This is a must-see event for farmers and landowners who are forward-thinking and looking to Diversify into the energy, leisure, hospitality, food or tourism industries and Reduce energy consumption and increase the production of renewable energy on their farms and land.

[Read More](#)

### Space Event Rennes 2023

ICaRE4Farms will be attending the SPACE event in Rennes From 12th to 14th September. The 36th SPACE event edition will bring three days of unmissable exhibition, conferences and business exchange. The showgrounds will cover the complete spectrum of livestock and farming products, including cattle, poultry, pigs, bovine, rabbits, agro-industry equipment, and more.

### European Sustainable Energy Week in Brussels

Our Partners will participate in the Energy Week event, held between the 20th & 22th June 2023. This convention embodies a substantial opportunity for sharing the project's progress with a wide variety of thousand visitors from all over Europe & interested in discovering more Green Energy alternatives.



Emilie Laeremans bij de bazen van haar zonneboiler. © Wouter Densuick

**Kalverbedrijf in Herselt neemt innovatieve zonneboiler, uniek in België, in gebruik: “Hiermee kunnen we zo'n 80 procent van de kalvermelk verwarmen”**

Follow us on our social media channels below to find more information about these events closer to the date.

## Check out our social media Channels

