



## NEWSLETTER Spring 2026

Dear Reader,

We are now entering the last six months of the project, and the effort and work invested in the past years is 'paying back!' Almost all demonstrators are up and running, monitoring started and evaluation is ongoing.

During these first months of 2026, and mostly the remaining part of the project, SPHINX is progressing fast in its 'Demonstration phase': our products have been installed already in Noise barriers, SalvaTerra, different new roofs, and façades.

Read more in this newsletter. Would you like to stay informed about the project's progress and achievements? Visit [here](#) to learn more about the project and [subscribe](#) to our newsletter.

Best regards,  
The coordination team

## News

### GA meeting in Chambéry

Surrounded by the breathtaking Alps, the SPHINX consortium recently gathered in Chambéry for an inspiring two-day General Assembly Meeting, jointly hosted by our partners CEA and HLP on 28–29 April 2026.

The event brought together partners from across the project for a dynamic program filled with technical presentations, collaborative discussions, and exclusive visits to both hosts' facilities. These visits provided fascinating behind-the-scenes insights into the research, development, and production of lightweight PV modules — showcasing innovation in action.

Click [here](#) to read the full article.



### Installation and monitoring of Freesuns Demonstrator

Between July and December of last year, Freesuns have installed the newly developed SPHINX matrix shingle tiles on 4 roofs and 1 façade, for a total of 5000m<sup>2</sup> of covered area. Monitoring data are coming since then, and preliminary results can be analyzed after several months of monitoring.

Click [here](#) to read the full article.



## Project results: Deliverable D4.4 submitted

Another important project result, recently achieved in April 2026, has been the submission of report D4.4 on the collection of the Production Data. The document summarises the production data collected during the pilot manufacturing of SPHINX photovoltaic products at Fraunhofer ISE pilot line and at the partner production sites.

Publishable summary available [here](#).



### Conference de Becquerel - 16 June 2026

How we design, operate, repair, reuse, and recycle photovoltaic installations in ways that maximize their lifespan, value, and contribution to the energy transition is an increasingly central challenge for the photovoltaic sector.

The European projects SPHINX and FORESi, each of which explores, in its own way, the technical, economic, industrial, and regulatory levers needed to extend the lifespan of photovoltaic equipment and develop more circular value chains are joining forces for a French language conference in Lyon, France to not only to share insights and observations, but also to identify concrete courses of action to strengthen the sustainability of building-integrated photovoltaics, for the benefit of project developers, operators, manufacturers, local authorities, and the sector as a whole.

Read more [here](#).



### Lightweight PV market in Europe

[Becquerel Institute](#) provided pv magazine Global with an in-depth analysis of the lightweight PV market in Europe.

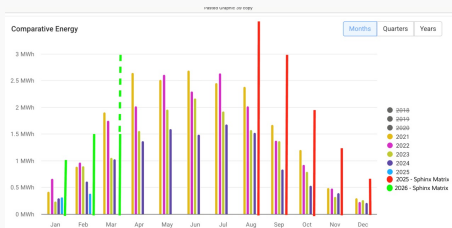
Lightweight solar modules could unlock more than 85 GW of currently untapped rooftop solar potential across Europe.

Read the full item [here](#) and find the link to the article in pv magazine Global.

### Monitoring Data Demo eCOM

SPHINX partner Freesuns prepared a visual summary of the energy produced with the SPHINX tiles since the eCOM demonstrator started in July 2025. Data on the produced energy have compared, by month, for the previous 7 years of operation of eCOM prior to SPHINX.

Good news is SPHINX Matrix Shingle Tiles on eCom are surpassing the best monthly performance for 6 of the 7 previous months. Note these results are raw actual data not adjusted with respect to weather conditions.



Normalising the data, it can be noted how SPHINX Matrix Shingle Tiles have blasted past the best monthly performance over any month of the previous five years on eCom.

Of course SPHINX Matrix Shingle tiles on eCom will have to be monitored for two years (till 2027), offering better and more reliable statistics. This will be a critical step to confirm the Matrix Shingling in

TOPCON technology is stable and repeatable.



For any interested in more details about our partners, the SPHINX website regularly add 'Coffee-break'

interviews. Recently posted the interview with [Torsten Rössler from Fraunhofer-ISE](#), [Jérémie Aimé from CEA](#), [Delphine Petri from CSEM](#) and a double interview [Jose and Melodie from Becquerel Institute France and España](#).



## SPHINX as a Consortium

### Project Partners

SPHINX joins a multi-disciplinary consortium with 12 partners, located in 7 European countries including Italy, Germany, Belgium, Switzerland, France, Spain and the Netherlands, to discover cost-effective, aesthetically pleasing photovoltaic solutions and cutting-edge technology, driving us towards a sustainable and low-impact energy future.

French translation on the website

For our French speaking readers, parts of the SPHINX website are translated into [French](#).

Pour nos lecteurs français, nous avons aussi une version française du site web [ici](#).



### Facts & Figures

Start date: 01 November 2023

Duration: 36 months

Total Costs: € 8,936,233

Funding by the EC: € 5,247,990

Funding by the CH: € 2,185,513



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