



SPHINX

NEWSLETTER Winter 2025

Dear Reader,

Approaching the end of another challenging and inspiring year, we're happy to share the most recent results of the SPHINX project..

During these last months of 2025, 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, and different new roofs... and more will come!

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

Project News - SPHINX Demos

As the project entered its last year, most of the SPHINX demos are being finalised! It is amazing seeing the results of our work (from materials, to product via new production technologies) being integrated in 'real environments and infrastructures'!

NOISE BARRIERS and SALVATERRA

SPHINX partners Fraunhofer ISE, ETWAY and M10 managed to install, in Merdingen (Germany) the different stretches for the new SPHINX noise barriers. Performances will be monitored by Fraunhofer-ISE and M10. The demonstrator consists of three functional stretches:

- Stretch 1 – “Sound Solar Panel Evolution”: triangular steel acoustic panels hosting custom PV modules without frames.
- Stretch 2 – “VertiSol”: a vertical PV noise barrier composed of standard-format PV modules mounted in dedicated aluminium frames.
- Stretch 3 – “Green Photovoltaic Barrier”: six self-supporting SalvaTerra units. SalvaTerra is a photovoltaic planter system in Corten steel providing vertical PV generation, integrated cabling, and space for vegetation (read more [here](#)).

It was an exhausting, but very productive time.

Read more on this in the project's report: [Demonstration for PV integrated noise barrier](#).



HERITAGE BUILDING

SPHINX partner Freesuns finalised an important job: PV solar tiles integration in heritage house in Rossiniere, Switzerland.

Freesuns successfully installed matrix shingle solar tiles produced during the SPHINX project on heritage roof

demonstrator in Rossiniere in Switzerland. Data will be acquired and monitored by EPFL.

Read more on this in the project's report: [PV solar tiles integration in heritage house.](#)



INDIVIDUAL HOUSES INCLUDING FAÇADE

Partner Freesuns also installed matrix shingle solar tiles produced during the SPHINX project on 4 demonstrators (all in Switzerland):

1. A 270 m² roof in Pully
2. A 62 m² roof in Founex
3. An 85 m² roof in Arzier
4. A 24 m² façade in Colombier



These demonstrators are up and running since the end of 2025. Monitoring activities are now started and will be performed by EPFL (and, similarly to the heritage roof data monitoring).



Read more on this in the project's report: [PV integration in individual houses including façade.](#)

Meetings

SPHINX project meetings:

- On 6th November 2025 JNPV Conference in Strasbourg took place and project coordinator Mehdi Sahli from Voltec had the chance to present the project's ambition and latest results. You can read all about it

[here](#).

- In November 2025 the project 5th General Assembly took place in a beautiful setting in Trento surrounded by the Italian mountains, and was hosted by our partner [ETWAY](#).
Read [here](#) the full article of the successful meeting.



Seasonal Greetings



We hope you enjoy reading and wish you a very merry Christmas and a happy and inspiring New Year!

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

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Funding by the CH: € 2,185,513



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