

HORIZON EUROPE PROGRAMME
TOPIC HORIZON-CL5-2023-D3-01-02

GA No. 101136094

Sustainable Photovoltaics Integration in buildings and Infrastructure for multiple applications



SPHINX - Deliverable report

MILESTONE No. 8 – Contributions to EU SOLAR
BUILDINGS PLATFORM



Funded by
the European Union

1 Milestone Achievement

1.1 Title of Milestone

This document reports the achievement of SPHINX Milestone MS8 concerning the identification of contributions to the EU SOLAR BUILDINGS PLATFORM, set-up in the frame of [SEAMLESS-PV](#) project (101096126).

1.2 Means of verification

The means of verification are the minutes of meeting with the Cluster and the list of contributions identified, presented in Section 1.3.4.

1.3 Comments on completion

1.3.1 Introduction to the European BIPV Platform

The EU Solar Buildings Platform is an initiative fostered by the [SEAMLESS-PV](#) project (GA 101096126). It consists of a cross-sectoral European Platform on Building Integrated Photovoltaics (BIPV) to guide and impact on architecture and urban planning.

The platform is formed by a coalition of leading stakeholders committed to scale up and accelerate photovoltaic integration for the construction sector in Europe and reach carbon neutrality in a cost-effective manner.

1.3.2 Mission

The mission of the EU Solar Buildings Platform is to advance and promote the integration of solar photovoltaics into the built environment, fostering innovation, collaboration, and education. Additionally, it aims to promote public awareness and understanding about BIPV and explain solutions and processes to achieve European energy targets.

1.3.3 Mission areas

The platform is organised in four Mission areas:

G1. Value-Chain Synergy:

Mission: Forge interconnectedness between the European solar (PV) and building (AEC) sectors by leveraging the synergies inherent in existing EU associations. Our aim is to strengthen the entire value chain, ensuring a cohesive and collaborative approach to building integrated photovoltaics (BIPV). By fostering cooperation, we seek to enhance the efficiency and effectiveness of the BIPV industry across Europe.

G2. Innovative Industry Support:

Mission: Propel and sustain a highly innovative "made in Europe" BIPV industry that aligns seamlessly with the goals of the EU Solar Initiative. We are committed to providing comprehensive support to foster groundbreaking advancements in BIPV technology. Through strategic partnerships, research, and development initiatives, our goal is to position Europe at the forefront of innovation in the BIPV sector, contributing significantly to the region's sustainable energy landscape.

G3. Education & Training Advocacy:

Mission: Advocate for European Union policies dedicated to the interdisciplinary upskilling and reskilling of building professionals specifically tailored for solar architecture. Our focus is on nurturing a skilled workforce equipped to drive the integration of BIPV solutions. By championing education and training initiatives, we aim to bridge the knowledge gap between construction and BIPV sectors, ensuring a proficient workforce capable of driving the future of solar-powered architecture.

G4. Engagement and awareness:

Mission: Engaging a wider audience with ad hoc initiatives to promote general awareness of end users' involvement and knowledge transfer to a wider public. Facilitate collaboration between PV and construction industries to accelerate BIPV in diverse contexts. Coordinate and facilitate national initiatives in designated pilot countries. Fostering regional innovation by encouraging knowledge exchange and best practices.

1.3.4 Contribution of SPHINX to the EU BIPV Platform

The following table gathers the confirmation from SPHINX partners to contribute to the EU SOLAR BUILDINGS PLATFORM:

		VOLTEC	ETWAY	HELIUP	M10	UNI	F-ISE	BI	CEA	FREESUNS	EPFL	CSEM	SOPREMA
Mission areas	G1. Value-Chain Synergy			X			X						
	G2. Innovative Industry Support			X	X		X	X	X				
	G3. Education & Training Advocacy										X		
	G4. Engagement and awareness											X	
Engagement activities	1. Leadership Assembly						X						
	2. Advisory Board				X			X					
	3. Optional further opportunities					X				X	X	X	
No participation foreseen		X	X										X

Mission Areas

You can indicate participation in as many areas as you want

Engagement Activities

Indicate your preference to contribute to either (1) Leadership Assembly or (2) Advisory Board (choose only one option)

SPHINX partners have defined a non-binding declaration of interest to contribute to the platform. According to SUPSI and ETA Florence, partners in charge of setting-up the platform in the frame of SEAMLESS-PV, for now the aim is to assess the interest from stakeholders in contributing to the different mission areas and engagement activities defined. The details about what sort of specific collaboration will be needed in each case is still undefined, and will be discussed in following months.

SPHINX partners will have the chance to reassess their interest in participating once a clearer collaboration framework is established.

1.4 Other relevant information

Lead beneficiary	7- ICARES (BECQUEREL INSTITUTE)
Linked WP	WP6
Achievement date in DoA	M6 – 30/04/2024
Actual date	M8 – 30/06/2024
Achieved	Yes
Reference documents	-

1.5 Interconnections with deliverables

N/A

2 Acknowledgement

The author(s) would like to thank the partners in the project for their valuable comments on previous drafts and for performing the review.

Project partners:

#	Partner short name	Partner Full Name
1	VOL	VOLTEC SOLAR
2	ETW	ETWAY S.R.L.
3	HLP	HELIUP
4	M10	M10 INDUSTRIES AG
5	UNR	UNIRESEARCH BV
6	Fraunhofer	FRAUNHOFER GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EV
7	ICARES	ICARES CONSULTING
7.1	BI	BECQUEREL INSTITUTE FRANCE
7.2	BIE	BECQUEREL INSTITUTE SPAIN
8	CEA	COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
9	FSUNS	Freesuns SA
10	CSEM	CSEM CENTRE SUISSE D'ELECTRONIQUE ET DE MICROTECHNIQUE SA - RECHERCHE ET DEVELOPPEMENT
11	EPFL	ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE
12	SOP	SOPREMA

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