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Sustainable Photovoltaics Integration in buildings and Infrastructure for multiple applications



SPHINX - Deliverable report

D2.4 – Exploitation plans and IPR protection strategies

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Author(s)	Juan Ignacio Martinez (BI)	August
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Reviewed by (if applicable)	Jose M. Vega de Seoane (BIE)	
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Summary

This document (D2.4 – Exploitation plans and IPR protection strategies) presents the consolidated exploitation plans and business models that have been formulated for the SPHINX innovations. The exploitation plans build on the preliminary exploitation routes identified in D2.3, which were based on the inventory, value proposition and preliminary exploitation route for each Exploitable Result (ER). This report identifies specific pathways through which the owners of the IP rights within the consortium can exploit the results during and after the project.

This report is organised around commercial and non-commercial exploitable outcomes. The commercial outcomes are grouped together by type as either upstream or downstream ERs based upon where they can be applied along the PV value chain. The methodology and approach used to generate these outcomes are discussed in Section 2, and the consolidated results are presented in Section 3. The inventory comprises nine commercial results and ten non-commercial ones. Table 0.1 summarises how each group is expected to be exploited. The full list of results is given in Table 3.1.

Table 0.1 ER Categorisation

Category	Sub-category	ERs	Exploitable route
Direct commercial	Upstream	ER1, ER2, ER4, ER5, ER6	Licensing and technology transfer to PV manufacturers, material suppliers and equipment providers
	Downstream	ER7, ER9, ER10, ER19	Direct sale through the owners' existing construction, infrastructure, EPC/installer and public-procurement channels
Non-commercial	Publication and know-how	ER3, ER8, ER11, ER12, ER13, ER14, ER15, ER16, ER17, ER18	Internal use by the result owners, publication, and application in future research, product development and policy work

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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
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
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