

Production technologies for solar photovoltaics beyond the state-of-the-art (EUPI-PV Partnership)

Horizon Europe

CODE	SCOPE
HORIZON-CL5-2027-02-D3-15	International
LOCATION	STATUS
Europe	Pending
PROGRAM	CURATED BY
Horizon Europe	Marlene Faria
GENERATED AT	
September 25, 2026	

Financial Details

SUPPORT TYPE	MAXIMUM FUNDING RATE
Non-Refundable	100%
BUDGET	ELIGIBLE PROJECT VALUE
36M€	Up to 12M€

Dates & Deadlines

PUBLICATION DATE	OPENING DATE
September 25, 2026	December 3, 2026

Application Phases

- Fase única: March 31, 2027 at 03:00 PM

Objectives

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This topic aims to strengthen the competitiveness and resilience of the European photovoltaic (PV) industry by advancing next-generation solar PV manufacturing technologies beyond the current state of the art . The call supports the scale-up and industrial deployment of innovative PV technologies capable of increasing European manufacturing

capacity, reducing strategic dependencies and contributing to the objectives of the EU Solar Energy Strategy and the Net-Zero Industry Act. Projects are expected to bring breakthrough PV technologies closer to commercialisation and reinforce Europe's position across the solar value chain.

Funding

The topic has an indicative budget of €36 million , with the European Commission expecting to fund approximately 3 projects . The indicative EU contribution is around €12 million per project . Funding is provided through a Horizon Europe Innovation Action (IA) .

Eligible Expenses

- Personnel Costs
- Travel costs
- Equipment costs
- Other goods, works and services costs
- Subcontracting
- Indirect Costs

Eligibility

Eligible Sectors

- Energy & Environment
- Mobility & Transport

Company Typologies

- Micro
- Sme
- Large
- Public entities
- Private non-profit entities

Application Mode

- Consortium / Copromotion

Action Types

- Innovation Action
- Innovation Actions
- Coordination and Support Actions

EU Programme Details

CALL ID

HORIZON-CL5-2027-02-D3-15

DESTINATION

CLUSTER

Cluster 5: Climate, Energy and Mobility

SUBMISSION MODE

Single-stage

Destination 3 : Sustainable, secure and competitive energy supply

EU CONTRIBUTION

around 12,000,000 EUR per project

EXPECTED PROJECTS

3

FUNDING RATE RULE

Up to 70% for Innovation Actions (up to 100% for non-profit entities only)

Official Links

Official Regulation:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL5-2027-02-D3-15?order=DESC&pageNumber=1&pageSize=50&sortBy=relevance&keywords=HORIZON-CL5-2027-02-D3-15&isExactMatch=true&status=31094501,31094502,31094503>

Grantavia page: <https://grantavia.com/en/incentives/production-technologies-for-solar-photovoltaics-beyond-the-state-of-the-art-eupi-pv-partnership>

Schedule a meeting: <https://calendly.com/sandra-cardoso-epsa/reuniao>