

# Improved system design for innovative PV applications (EUPI-PV Partnership)

Horizon Europe

CÓDIGO	HORIZON-CL5-2026-11-D3-14	ÂMBITO	Internacional
LOCALIZAÇÃO	Europa	ESTADO	Pendente
PROGRAMA	Horizon Europe	CURADORIA DE	Marlene Faria
GERADO EM	11 de julho de 2026		

## Detalhes Financeiros

TIPO DE APOIO

Fundo Perdido

DOTAÇÃO

30M€

TAXA MÁXIMA DE FINANCIAMENTO

100%

## Datas e Prazos

DATA DE PUBLICAÇÃO

Não definida

DATA DE ABERTURA

4 de agosto de 2026

## Fases de Candidatura

- Fase única: 1 de dezembro de 2026 às 17:00

## Objetivos

### Objectives

Projects are expected to demonstrate innovative photovoltaic system designs in real operating conditions, focusing on either agrivoltaics or offshore/nearshore PV applications. They should enable the simultaneous use of land or sea for energy generation and other activities, such as agriculture or marine use, thereby reducing land-use conflicts and

improving resource efficiency. A key objective is to significantly improve system performance by increasing energy yield, reducing costs (CAPEX and OPEX), and lowering the levelised cost of electricity.

Projects should also contribute to strengthening the European photovoltaic value chain by enabling new business models, opening new markets, and supporting bankable and scalable solutions. In addition, they are expected to deliver environmental benefits such as biodiversity protection, water conservation, and minimised impacts on land and marine ecosystems, while addressing societal and policy challenges linked to large-scale PV deployment.

### **Scope**

The action supports large-scale demonstration of advanced PV system designs, requiring real installations (multi MW scale) rather than simulations. Projects must focus on either agrivoltaics or offshore/nearshore PV and develop optimised system architectures, accurate energy yield modelling, and solutions for environmental, technical, and grid integration challenges.

They should also address climate resilience, permitting, and socio-economic aspects, while delivering validated performance data under real conditions. Activities are expected to reach high maturity, typically around TRL 7–8.

### **Funding**

The topic is implemented as an Innovation Action under Horizon Europe, using a lump-sum funding model. The total indicative budget is approximately €30 million, with around four projects expected to be funded, each receiving about €7.5 million. Funding can cover up to 100% of eligible costs in line with standard Horizon Europe rules for Innovation Actions.

The call is scheduled to open in early August 2026, with a submission deadline of 1 December 2026. Projects must be implemented by international consortia involving multiple partners from different eligible countries, including industry, research organisations, and other relevant stakeholders.

The funding specifically targets large-scale demonstrators and requires clear exploitation plans, including business models and pathways to commercialisation, ensuring that project results can be deployed and scaled in the European market.

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## **Despesas Elegíveis**

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

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## **Elegibilidade**

### **Setores Elegíveis**

- Energia & Ambiente

### **Dimensão das Empresas**

- Micro
- PME
- Small Mid-Cap
- Mid-Cap

- Grande
- Entidades não empresariais do sistema de I&I (ENESII)
- Entidades privadas sem fins lucrativos
- Entidades públicas

### Modalidade de Candidatura

- Consórcio / Copromoção

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## Detalhes do Programa UE

ID DA CHAMADA	CLUSTER
HORIZON-CL5-2026-11-D3-14	5
DESTINO	CONTRIBUIÇÃO UE
D3. Sustainable, secure and competitive energy supply	30000000
PROJETOS ESPERADOS	REGRA DE TAXA DE FINANCIAMENTO
3	Up to 100% for non-profit organizations; up to 70% for commercial entities under Horizon Europe standard rules.

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## Links Oficiais

Regulamento Oficial:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/HORIZON-CL5-2026-11-D3-14?order=DESC&pageNumber=1&pageSize=50&sortBy=relevance&keywords=HORIZON-CL5-2026-11-D3-14&isExactMatch=true&status=31094501,31094502,31094503>

Página no Grantavia: <https://grantavia.com/pt/incentives/improved-system-design-for-innovative-pv-applications-eupi-pv-partnership>

Agendar reunião: <https://calendly.com/ines-carreira-fi-group/reuniao>