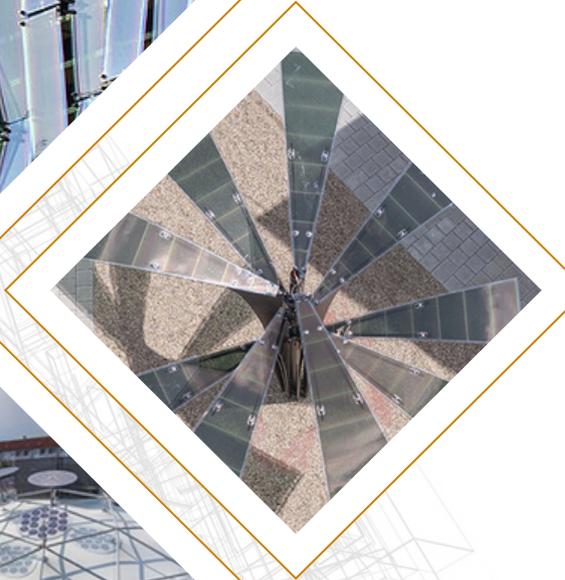




DESIGN CONTEST

*Designing with Light.
Flexible Solar for Architecture*



RULES AND INSTRUCTIONS



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OVERVIEW

ORGANIZER

The BOOSTER Consortium is launching a design contest within the framework of the BOOSTER project —an EU-funded initiative dedicated to advancing Organic Photovoltaic (OPV) technology for the next generation of energy-harvesting solutions.

BOOSTER explores how lightweight, flexible, and customizable OPV modules can be seamlessly integrated into Building Integrated Photovoltaics (BIPV), Building-Applied Photovoltaics (BAPV) and architectural applications. By bridging advanced energy technology with contemporary design practice, the project aims to support innovative concepts that combine aesthetics, functionality, and sustainability, while remaining compatible with modern product-design workflows.

The [BOOSTER project](#) has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No. 952981

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OVERVIEW

CONTEST OBJECTIVES

The objective of the contest is to showcase a creative design concept based on a 5 m² OPV film. Participants will work with an modules supplied by ASCA GmbH & Co. KG, a pioneer in lightweight and flexible organic photovoltaic technology.

The primary focus is on design quality, creativity, and conceptual strength, rather than detailed technical specifications.

The winning concept will be realized as a small-scale project. This award does not include financial remuneration.

*Photo credit: Projects powered by ASCA® solar modules
For further information, visit: <https://www.asca.com>*

Solar Loops at the Superbloom Festival



Solar Tree for E-Bike Charging Stations



OPV solar umbrellas



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ELIGIBILITY

WHO CAN PARTICIPATE

The BOOSTER Design Contest invites creative, visionary, and forward-thinking designers to explore the unique design opportunities enabled by OPV technology. Participants are encouraged to think boldly, experiment with form and function, and imagine new ways of embedding energy generation into architectural and building-applied solutions.

The contest is open to:

- Creative thinkers with an interest in energy and sustainability (e.g., students, designers, architects)
- Individuals, teams, and organizations
- Participants based in the EU

There is no limit to the number of submissions per participant.
Participation is free of charge.

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TIMELINE & PROCEDURE

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KEY DATES

- **Contest Opens: 16 – 02 – 2026**
- Questions and inquiries can be sent to admin@booster-opv.eu

PHASE 1 – INITIAL SUBMISSION

- Submission of the Application Form in digital format
- **Deadline: 01 – 06 – 2026**
- The Jury will review all proposals and pre-select three (3) Finalists
- Finalists announced: 01 – 07 – 2026

PHASE 2 – CONCEPT DEVELOPMENT

- Finalists further develop their concepts
- **Final Concept Submission Deadline: 01 – 09 – 2026**

PHASE 3 – WINNER ANNOUNCEMENT & PROJECT REALIZATION

- The Winner of the Design Contest will be announced on 15 – 09 – 2026
- Implementation of the winning concept will begin, with mentoring provided to ensure its successful development and realization

EVALUATION CRITERIA

SELECTION CRITERIA

The BOOSTER Design Contest jury will be composed of technical and design experts. Submitted ideas will be evaluated based on the following criteria:

- **Design uniqueness:** originality, creativity, and conceptual strength
- **Market potential:** relevance and applicability to real-world markets
- **User experience:** usability and interaction quality
- **Feasibility:** technical practicality and performance of the solution
- **Sustainability:** contribution to environmentally friendly applications using BOOSTER OPV technologies

JURY MEMBERS

- Matthias Fahland, Fraunhofer Institute for Electron Beam and Plasma Technology FEP
- Sebastian Meier, ASCA GmbH & Co. KG
- John Fahlteich, KETMarket GmbH
- Sara Van Rompaey, E2ARC Architecture & Research for Cities vzw

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SELECTION

Up to three finalists will be pre-selected based on an evaluation of the submitted proposals against the defined criteria.

- **1ST PRIZE**

Realization of the design as a small-scale demonstrator, supported by the BOOSTER consortium, and presentation at the BOOSTER Final Event

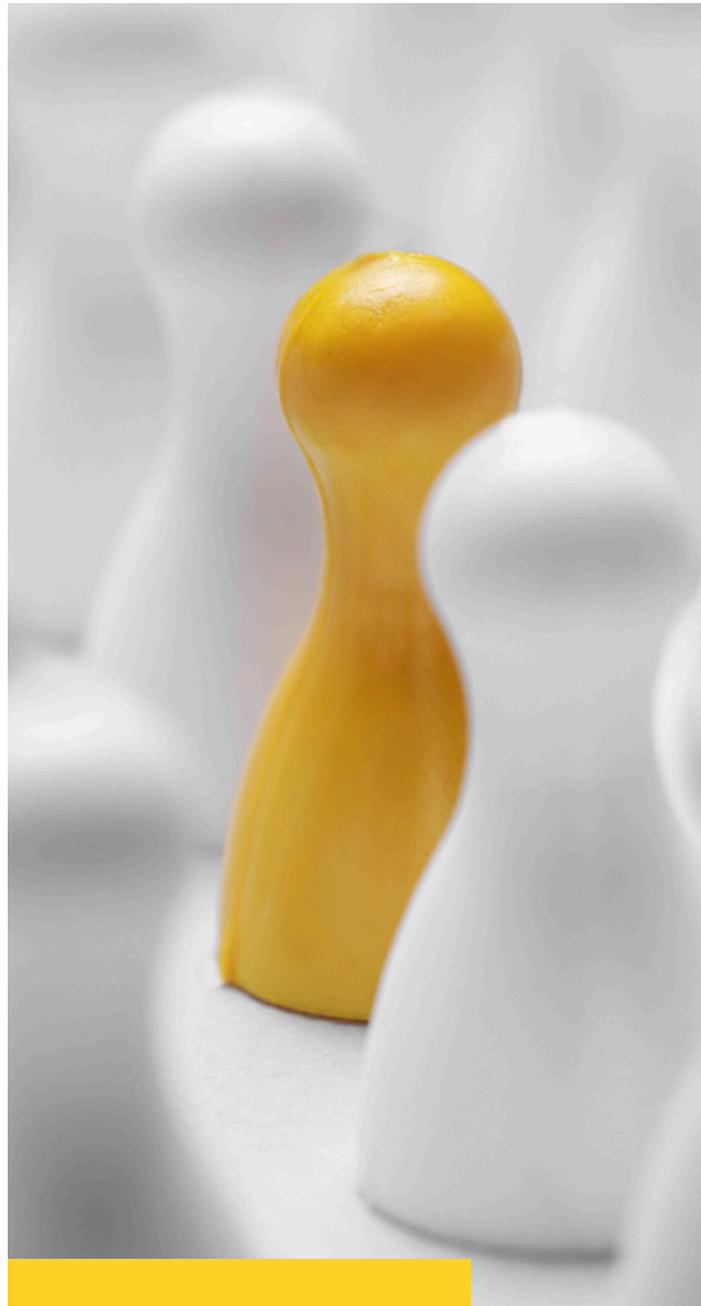
- **2ND PRIZE**

Design promotion and invitation to the BOOSTER Final Event.

- **3RD PRIZE**

Invitation to the BOOSTER Final Event.

All participants will receive a certificate of participation.



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SUBMISSION

To enter the design competition, an application form must be completed and submitted digitally by email to admin@booster-opv.eu.

Submission requirements:

- Total email size must not exceed 3 MB
- All submissions must be in English
- Accepted file formats: .pdf, .xls, .xlsx, .doc, .docx, .ppt, .pptx

APPLICATION

Each submission must include:

- 01** Project title (maximum 10 words) and acronym
- 02** One-line concept introduction (maximum 140 characters)
- 03** Visual material (up to 5 images or drawings)
- 04** Design description (maximum 1 page), including how the concept addresses the evaluation criteria
- 05** Names and contact details of all team members

LEGAL NOTES

OWNERSHIP AND PROMOTION



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INTELLECTUAL PROPERTY RIGHTS

The BOOSTER consortium will not claim ownership or intellectual property rights over the ideas or designs submitted to this contest. Participants will retain full rights to their work, unless otherwise agreed.

PUBLICITY

The BOOSTER consortium reserves the right to use submitted digital designs and photos of the final creations for promotional purposes, including media coverage, publications, and communications related to the contest and the BOOSTER project

MORE INFORMATION



<https://booster-opv.eu>



admin@booster-opv.eu



[BOOSTER-OPV](#)



BOOSTER project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 952911



APPLICATION FORM

! To enter the design contest, an application form must be completed and submitted digitally by email to admin@booster-opv.eu . The total size of the email, including all attachments, must not exceed **3 MB**. Submissions are accepted exclusively via this email address; no alternative submission methods will be considered.

All entries must be prepared in **English**. Supporting documents may be attached in the following formats: **.pdf, .xls, .xlsx, .doc, .docx, .ppt, or .pptx**.

PROJECT TITLE & ACRONYM

(title maximum 10 words)

ONE-LINE INTRODUCTION

(brief summary, maximum 140 characters)

IMAGES OF YOUR DESIGN IDEA

maximum 5 pictures or drawings

DESIGN DESCRIPTION

(maximum 1 page to explain your proposed design and how it addresses the contest evaluation criteria (see rules and instructions))

TEAM INFORMATION

Names and contact details of all team members