



ARCHITECTURAL AWARD BUILDING-INTEGRATED SOLAR TECHNOLOGY 2020

Call for entries

Aim of the Competition and Benefits of Entering

The use of solar energy in and on buildings is a key aspect within energy efficient construction – for individual homes, industrial and administrative buildings, as well as residential schemes. Solar systems should be self-evident components in innovative building envelopes and refurbishments to improve energy efficiency.

The challenge is to find suitable ways to implement these technical innovations in design terms. Solar thermal energy and photovoltaics open up a diverse range of possible applications and offer high quality products.

By integrating solar power systems in the roof or façades of buildings in an architecturally and technically sophisticated manner, architects can increase the awareness of both builders and the public regarding the possibilities for combining buildings with solar technology, and thus help renewable energies become more widespread. To increase acceptance and to foster awareness of this topic, the Bavarian Association for the Promotion of Solar Energy (SeV Bayern) is organising the competition "Building-Integrated Solar Technology²⁰²⁰".

The SeV hopes that the award will encourage the planning and designing of excellent building-integrated solar power systems, and thus showcase exemplary solutions in qualitatively sophisticated architecture.

Publications

The results of the competition will be presented in the media and at conferences. Further special publications, an exhibition and coverage of the entries on the website of the SeV are also included. By participating in the competition, the applicants declare their consent to this.



The exhibition showing a lot of examples from the competitions is touring successfully.



The participating projects have been brought to the public with a book, brochures, a calendar and contributions at conferences.

Awards and Prize Money



The jury will decide on the allocation and weighting of the commendation awards.



Roland Krippner (r.) from SeV Bayern hands over the prize money to the winner of the competition in 2014, René Schmid, architect of the UmweltArena Spreitenbach (l.).

Jury

The contestant's works shall be judged by an independent jury, comprising amongst others the following members:

- Thomas **Auer** (Technische Universität München)
- Gerd **Becker** (Member of the Board, SeV)
- Rolf **Disch** (Rolf Disch SolarArchitektur)
- Ralph **Gottschalg** (Fraunhofer CSP)
- Roland **Krippner** (Technische Hochschule Nürnberg Georg Simon Ohm)
- Bruno **Schiebelsberger** (Chairman of the Board, SeV)
- Jakob **Schoof** (DETAIL)
- Francesca **Venier** (TOPOTEK 1)

Entry requirements

- All architects, owners/operators and solar technology companies with at least one solar power system are entitled to enter – whether the solar system is for private, commercial, industrial or public purposes.
- Only systems that form a substantial part of the building will be taken into consideration.
- The system must produce a suitable amount of solar powered thermal and/or electrical energy, and this must be illustrated. The system must have gone into operation, i.e. supplied the first provable energy, within the period from 1st January 2017 to 30th June 2020.
- The owner/operator shall allow the publication of all submitted photos, architectural drawings and data for the system. All images must be free of copyright and be available for publication by SeV Bayern (Print, Internet, Exhibition) without payment of royalties.
- The competition organisers shall assume ownership of the submitted work. There is no return possible. Copyright remains with the author.
- In order to participate, we ask you to submit registration applications.

Services

Necessary information to participate:

- Applicant (with full address)
- Architect (with full address)
- Architect's consent to the entry requirements
- Owner/operator (with full address)
- Owner/operator's consent to the entry requirements
- If applicable, partner offices/specialist designers/staff
- Project description
- Location of the system (full address)
- System components and detailed description of the solar system
- Type of installation with technical details of the building integration
- Total output (electrical/thermal) and yearly energy yield
- Amount of production of the building's energy by the solar system and reduction of carbon dioxide emissions
- Completion and commissioning date
- Costs of the solar system
- Description of the building integration

At least 5 images of the project are required in print quality (300 dpi resolution with a width of at least 20 cm): a long shot of the entire building, a long shot of the solar power system, a close-up view of the solar power system, details as well as design documents and structural drawings.

You can provide your material as loose sheets. We design the posters for the jury standardized for all participants.

On registering to take part in the competition, all entrants agree to accept the competition requirements. On entering, the participants cede to the competition organiser, free of charge, the usage and exploitation rights for publications by the SeV in connection with the 2020 competition. Entrants consent to having their data stored and documents published.

Schedule

Deadline for Submitting Entry Requirements	31 st July 2020
Jury Consultation	9 th October 2020



Assessment Criteria

The assessment criteria are specified by the jury:

- Architectural aspects:
 - Integral conceptual design
 - Integration of the solar technology in the building envelope
 - Design quality and functionality
- Innovativeness (energy and construction)
- Energy yield/energy efficiency
- Communicating the system to the general public

The SeV will carry out a preliminary screening. Works that do not correspond with the competition requirements may be excluded.

The decision of the jury is final.
Recourse to legal action is excluded.

Architectural Award

Building-Integrated Solar Technology²⁰²⁰



Registration
Applicant
Company (Owner/Operator/Architect/Supplier)
Person to contact
Street and number
Postcode, city
Email
Project
Name of the project
Street
Postcode, city
Participation declaration
We would like to participate in the Architectural Award „Building-Integrated Solar Technology ²⁰²⁰ “ We have read and accepted the conditions as laid down in the call for entries.
Company stamp, date, signature

Please send the registration by E-mail to:
info@sev-bayern.de

or by fax to:
00498927813430

or by mail to:
SeV Bayern
Friedrich-List-Str. 88
81377 Munich
Germany



**ARCHITECTURAL
AWARD** BUILDING INTEGRATED
SOLAR TECHNOLOGY
2020

Consent to the Entry Requirements

We agree to participate at the **Architectural Award Building-Integrated Solar Technology 2020** with the project:



On registering to take part in the competition, all entrants agree to accept the competition requirements.

Company stamp, date, signature

Company stamp, date, signature

Please send your documents to:

SeV-Bayern

Fabian Flade
Friedrich-List-Str. 88
81377 Munich
Germany

info@sev-bayern.de

Bavarian Association for the Promotion of Solar Energy

The Solarenergieförderverein Bayern (SeV – Bavarian Association for the Promotion of Solar Energy) is organising for the eighth time a competition on building-integrated solar technology.

The SeV made building-integrated solar technology to its subject for a long time and tries to bring energy management and architecture in an intensive dialogue, among the competitions, by workshops and projects with students.

The public gets informed by the exhibition „Building-Integrated Solar Technology – Architecture and Solar Energy“ which is to borrow for free.

The background of all our activities is the support of renewable energies for the promotion of environmental protection.

Solarenergieförderverein Bayern e. V.

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