

EGON EIERMANN AWARD 2019

THE INTERNATIONAL COMPETITION FOR ARCHITECTURE STUDENTS

Consolidation of the city:

Urban densification of buildings and vacant building sites

In recent years the city as a place to live and work in and as a centre of life has experienced an enormous upsurge. And it is not just the large European cities with populations of millions that are again growing strongly, many medium-size cities, too, are experiencing a population boom. There are many reasons for the growing move of people into the urban centres of the world, above all economic ones, but shorter routes, high mobility and greater cultural diversity are also among the factors that are leading people to leave their home and to look for a future in the city. This leads in turn to shortage of space in the attractive cities of Europe and to increasing rents. While there is much that speaks in favour of building new housing developments on the edge of the city, today excessive growth at the edges is no longer seen as the sole solution to growing population figures. The monotonous suburban housing developments from the last third of the 20th century brought with them social problems, in some cases massive ones: social flashpoints, areas were created that offer little quality of life and are seldom convincing in either architectural or building technology terms. Excessive and rapid use of land and the sealing of the ground harm our environment and ultimately us, too.

For several years now a number of signs have suggested that increasing the density of existing urban structures would make sense. The advantages are obvious: a reduction in the consumption of land, the use of an existing infrastructure, short routes to the workplace and to cultural facilities and, not least importantly, the urban upgrading of districts. In the context of energy retrofits that are in any case overdue, it is often possible to make new spaces with innovative qualities. Intelligent floor plan solutions can not only enlarge properties but at the same time optimise them for contemporary use. There are many possible approaches to ensuring a high quality, sustainable densification of urban space: the addition of floors to buildings, the restructuring and / or the conversion of sites, the filling of vacant sites and wasteland, and the use of empty properties within the city. If care is taken to preserve valuable green and recreation areas as well as public space and, at the same time, to develop them further, then, cities can use densification strategies to transform their problem zones into urban spaces that are worth living in.

The task set:

The competition task consists of finding a building, a vacant site or a suitable area in a freely chosen city. You should examine the situation there and, as the result of this examination, determine the function that is needed. Then, depending on the place, you should design a new building, an addition of storeys to an existing building, or an extension, always under the premises of giving the surrounding urban space a new quality. New kinds of concepts for use, unusual constructions and innovative, holistic energy concepts should form part of this, along with a high quality design

Submission requirements:

The possible use of Equitone facade panels for the architectural concepts should be examined but is not a requirement. For the assessment of the design by the jury the following material should be submitted:

- Floor plans, sections and elevations
(the scale can be freely chosen according to the size of the building)
- Simple depiction of the energy concept, the material used and the construction techniques,

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detail drawings are required

- Isometric and perspective illustrations, sketches or model photos are allowed
- Explanatory report maximum length 1/2 DIN A4 page, on the plans and as a separate sheet
- Models and electronic data media are not allowed.

The work including a short explanatory text should be depicted on 1 to a maximum of 2 DIN A1 sheets.

Documents to be submitted:

All submitted documents should be marked only with a six-digit, freely chosen code number consisting of different Arabic numerals (1 cm high and 6 cm wide) positioned at the top right hand corner (the distance to the edge of the sheet and to the drawing should be at least 1 cm). The name and address of the author, where applicable the name and address of the university, the institute and the supervisor, as well as the informal declaration that the author is the intellectual author of the competition work should be included in a sealed, non-transparent envelope that is also marked with the code number.

- 1 (maximum 2) DIN A1 sheets with the plans and illustrations of the building (vertical format or horizontal format)
- Reductions of the plan sheets to DIN A3 size
- 1 explanatory report (1/2 Din A4 page)
- 1 declaration of authorship in a sealed envelope

Participants:

All students of architecture who are studying at a university in one of the following countries are entitled to take part:

- Germany
- Austria
- Portugal
- Romania
- Switzerland
- Spain
- Hungary

In addition graduates of universities in the countries listed who received their diploma, bachelor or master's degree in architecture not more than two years ago are entitled to enter. Group works are permitted.

Prizes:

The total prize money sum is 5.000 euro. Several prizes will be awarded. The distribution of the prize sum is decided upon by the jury. For those prize-winning works that were supervised by a university chair or department the competition organisers will make an additional sum of 1000 euros available to the chair to cover excursion costs.