

## Tender documents

### woodency

#### Open competition for students

proHolz is hosting an international competition for students on the subject of building with wood for the fifth time. The possibilities and potential uses of contemporary timber construction in urban settings will be examined on the basis of three model construction sites in Vienna's expanding urban structure.

**proHolz Austria** is launching the Student Trophy 24 in cooperation with **proHolz Bavaria** and with the support of the **Building Construction and Design Research Department** of the Institute of Architecture and Design at the **Vienna University of Technology**.

## 1. Task

**Urban extension:** the proHolz Student Trophy 24 is focused on the potential for **inner-city expansion and consolidation using wood as a building material**. During the design process, it will be investigated how well contemporary timber construction performs in this area of urban densification. The responsibilities related to design are concentrated on coping with existing structures. Urban areas are augmented and extended upon through contact with already-existing structures. The goal is to expand the urban fabric while preserving resources and generating new space.

**Three construction sites in Vienna's** developed structure serve as the foundation for implementing the competition challenge and pose some intriguing issues for urban discourse. The territory is situated in Vienna's 10th district south of Matzleinsdorfer Platz and is bordered to the west by the area of the Favoriten Clinic. With a few notable exceptions, like Harry Glück's terrace house from 1974 or Rüdiger Lainer's "house with verandas" from 2008, the urban area is primarily typified by perimeter block buildings.

A **school building expansion**, an **addition to a block edge** and the **vertical extension** of a factory building built at the turn of the 20th century are among the design tasks for the three building sites. For urban re-densification in these highly populated areas, creative solutions must work closely with the existing structures and the urban context.

On [proholz.at/student-trophy](http://proholz.at/student-trophy), you may find detailed information, photos and further documentation for the design project, as well as descriptions of the various building sites and design responsibilities.

## 2. Documents provided by the awarding authority

- \_ Logo proHolz Student Trophy 24
- \_ Project poster template for submission
- \_ Description of the competition objects
- \_ Documents, planning material as a basis for project planning
- \_ Photos, pictures of the buildings and the surroundings

## 3. Jury and assessment criteria

- \_ Arch. Dipl.-Ing. Katharina Bayer, einszueins architektur, Wien AT, Chairwoman of the Jury
- \_ Univ. Prof. Dr. Arch. Thomas Hasler, Stauer & Hasler Architekten AG, Frauenfels CH
- \_ Dipl.-Ing. Gordian Kley, merz kley partner, Dornbirn AT
- \_ Ing. Christof Weissenseer, Weissenseer Holz-System-Bau GmbH, Greifenburg AT
- \_ Dipl.-Ing. Sylvia Polleres, Holzforschung Austria, Wien AT

### **Assessment criteria for the design project**

- \_ Architectural quality, interaction with the adjacent urban stock
- \_ Quality of space utilisation and of the floor plans (areas, use, lighting, etc.)
- \_ Functionality of the construction, application of the wood-construction solutions
- \_ Economic, rational use of resources

## **4. Prize money**

The proHolz Student Trophy 24 competition is endowed with euro 15,000 in total. In a two-stage process, the competition jury will name three winning projects and six recognitions. The following prizes will be awarded: For each of the three building sites, one winning project, endowed with euro 3,000, and two recognitions, endowed with euro 1,000.

## **5. Participation**

All students of **architecture** and **civil engineering** who are registered at a university or university of applied sciences in the winter semester 2023/-24 are invited to participate in the competition. The competition task should be prepared and submitted in a **team of at least 2 students**; interdisciplinary cooperation between different planning areas, e.g., architecture and structural design, fire prevention, structural physics, building services engineering, is recommended.

## **6. Submission documents**

The project works are **submitted** exclusively **digitally by uploading the documents** on the website **proholz.at/student-trophy**

The following documents are required for the submission of the design projects:

- \_ **Info about the project team** (digital entry at proholz.at/student-trophy)
- \_ **Project description** (pdf format, max. 4 pages DIN A4)  
Summary of the project's design and key tenets with explanations:
  - \_ Basic concept for solving the task
  - \_ Aspects of the overall design that take into mind the urban setting
  - \_ Technical report (load-bearing structure, systemic solution, building services engineering, structural physics, fire prevention, etc.)
  - \_ Further specific information, as far as necessary for the understanding of the project

### **\_ 2 Project posters**

The project will be displayed on two posters (in PDF format, with a template-compliant arrangement) with the following contents and a printable size of 70 × 100 cm:

- \_ Site plan (1:500)
- \_ Floor plans, sections, views, with explanations necessary for understanding the project
- \_ Representative excerpt from the floor plan on a suitable scale (1:100 or 1:50)
- \_ Representative façade section with information on construction, materials, structures (1:50)
- \_ Specific, relevant details on a suitable scale (1:5 or 1:10)
- \_ Structural concept and explanations, as far as necessary for the understanding of the project
- \_ Visualisation and perspective presentation of the project

**\_ Presentation video with architectural model**, created by the project team (length max. 4 minutes).  
The **architectural model** must serve as the foundation for the discussion of the design project in the video; scale and level of detail of the model are at the discretion of the project team.  
The video, in addition to the plan material, serves as the basis for the jury's evaluation.

## 7. Dates

### **Publication of competition documents**

Wednesday, 06. September 2023 on [proholz.at/student-trophy](https://proholz.at/student-trophy)

### **Kick-off event**

Thursday, 19 October 2023

Information event at the Vienna University of Technology

### **Deadline for submission - upload of documents**

Friday, 01 March 2024

ProHolz Austria must receive all submission materials by Friday, March 1, 2024, 23:59 at the latest.

The submission is made electronically by uploading the documents on the website

[proholz.at/student-trophy](https://proholz.at/student-trophy)

The evaluation of the submitted design projects by the jury will take place in a 2-stage procedure

### **Award ceremony**

Wednesday, 29 May 2024 at the Vienna University of Technology

## 8. Contact and Enquiries

### **proHolz Austria**

Arbeitsgemeinschaft der österr. Holzwirtschaft

Am Heumarkt 12, 1030 Wien AT [www.proholz.at](https://www.proholz.at)

### **Project management**

Sieglinde Weger

[weger@proholz.at](mailto:weger@proholz.at)

### **Germany**

Franziska Vogl

[vogl@proholz.at](mailto:vogl@proholz.at)

### **Italy**

Lorena De Agostini

[deagostini@promolegno.com](mailto:deagostini@promolegno.com)

### **South-East Europe**

Višnja Koščak

[koscak@holzcluster-steiermark.at](mailto:koscak@holzcluster-steiermark.at)

### **Poland**

Małgorzata Wnorowska

[m.wnorowska@forestor.pl](mailto:m.wnorowska@forestor.pl)

Wien, 06.09.2023