

Rotary Schutzhaus Michelsberg

The Rotary Schutzhaus Michelsberg is an exemplary community project combining research, craftsmanship, and volunteer engagement. Built on the Michelsberg youth campsite in the district of Dillingen, it demonstrates how academic design work, local building practice, and ecological responsibility can merge into a forward-looking building culture.

The timber structure was developed to be fully demountable and reusable. All components are prefabricated in series and joined with reversible, circular fastenings—a system that closes the material loop, conserves resources, and significantly accelerates the construction process. In this way, the building becomes an ecologically and economically efficient prototype: minimal material use, short construction time, and maximum reusability.

At the same time, the project serves as built research, in which a theoretically developed construction method is tested in practice for the first time. It transfers academic knowledge into a rural context and proves that innovation and sustainability are not confined to urban environments. Through its restrained form and the continuous, sheltered outdoor space, the shelter integrates harmoniously into the campsite and connects inside and outside into an open, communal place.

The Rotary Schutzhaus Michelsberg thus embodies a new attitude toward building: precise in detail, circular in thinking, and collaborative in action—a forward-looking example of resource-efficient, effective, and responsible architecture.

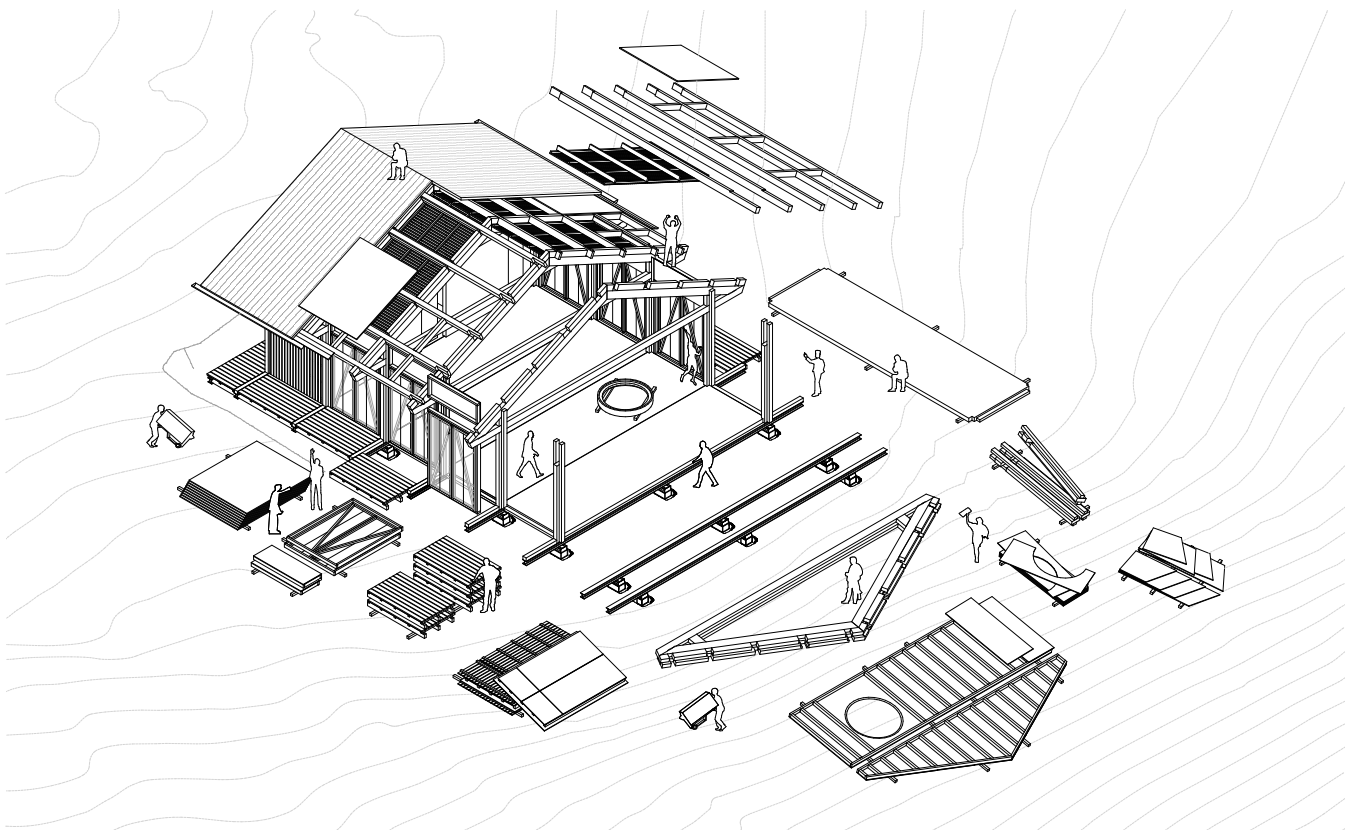
A prototype for future-oriented building – circular, collaborative and precisely conceived



Model, Photocredit: Eckhart Matthäus



Rendering eastern facade



Exploded isometric, constructive system