Reference projects

Statics and construction



Construction and Renovation of the St-Germain Institute, Delémont

2026

The St-Germain Institute has been completely renovated and expanded. While the facility remained in operation, the existing building was remodeled and a new building with a wood-frame structure was constructed.



Residential Development Bruggeten, Samstagern

2026

One solid-construction building, five hybrid buildings, and one wood-frame building. The modern Bruggeten housing development has been built in Samstagern, next to the train station. Thanks to the carefully designed wood facade, wood-frame construction shines in this project as well.



Logistikcenter Hug Baustoffe AG, Volketswil

2026

Hug Baustoffe AG's new logistics center has been built near the railroad tracks in Volketswil. The building features a basement, a high-bay warehouse, and a three-story office wing.



School extension, Courrendlin

2026

The village of Courrendlin is building a new secondary school linked to the existing school complex. The design is a hybrid, combining wood and concrete as the load-bearing structure.



School Complex Expansion, Grasswil

2025

The elementary school in Grasswil, in the canton of Bern, had reached its capacity limits due to school consolidations. The new building made it possible to expand capacity in a cost-effective and flexible manner.



Multi family house Zollikerstrasse, Zurich

2025

An apartment building with seven units in Zollikon, ZH, combines clean-lined architecture with a consistent use of wood in its construction. Its defining features are the continuous bands of windows and the absence of beams.



Temporary Staircase at the Gasworks Site, Bern

2025

The 22-meter-high staircase tower, made of larch wood, connects the Kirchenfeld neighborhood with the gasworks site. The additional platform at the very top offers a wonderful view of the Federal Palace panorama.



Multi family house Luegislandstrasse, Zurich

2025

The new apartment building on Luegislandstrasse in Schwamendingen stands out from the surrounding houses thanks to the staggered design of the structure, offering tenants beautiful views of the outdoors.



Wolfacker School Building, Düdingen

2025 | 1st place

The new Wolfacker ‘Esplanade’ school building combines schooling, childcare and leisure activities within a flexible timber structure featuring spacious learning environments, a high quality of stay and sustainable construction.



Mettli Emergency Shelter, Thalwil

2025

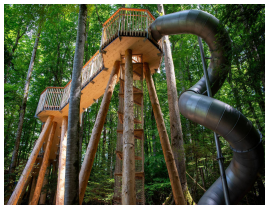
Timbatec provided support for the planning and construction of the Mettli emergency shelter in Thalwil in the areas of structural engineering and construction, as well as fire protection and building physics.



Addition Nussbaumstrasse, Zurich

2025

The residential building at Nussbaumstrasse 18 was extensively renovated and two wooden attic floors were added. Timbatec was responsible for the structural design of the extension and supported the project as a timber construction engineer.



Ballenberg viewing platform, Hofstetten BE

2025

The 25-meter-long treetop walkway adds another attraction to the forest playground in Ballenberg. The platform stands up to 9 meters high on round logs. Timbatec prepared the structural analysis for this project.



Farmhouse on Engstringerweg, Regensdorf

2025

Following a fire, the house was renovated and converted into an apartment building with two apartments. The ceilings had to be upgraded in terms of fire protection and sound insulation, and a vertical escape route had to be constructed using timber.



Industrial hall TSUGAMI, Delémont

2025

With its new building, TSUGAMI NP Swiss is focusing on an aesthetic wooden hall. This forward-looking and sustainable construction blends into the landscape of the Delémont Valley.



School complex Ort, Au-Wädenswil

2025

The design and atmosphere of this elementary school’s expansion are defined by the use of wood: an innovative structural system featuring Vierendeel trusses spans the triple-purpose sports hall, creating open, versatile classrooms above it.



South VIP box at the ice rink, Porrentruy

2025

The Raiffeisen Arena in Porrentruy, the proud home of HC Ajoie, is being expanded with new VIP boxes to offer the most loyal fans a privileged area.



Extension of Quai 9, Genève

2025

The Quai 9 building in Geneva has been expanded and can now accommodate more users in optimal conditions.



Wiesental School, East Building, Baar

2025

The Wiesental School in Baar was adapted to today's requirements by means of a replacement building. The project, implemented using modern timber construction methods and featuring a mega timber framework, combines functionality and aesthetics.



Primary school and kindergarten, Mettmenstetten

2025

The new school building in Mettmenstetten was planned and constructed in a short period of time. Timbatec Holzbauingenieure was commissioned with the planning at the end of 2023, and the school opened its doors around 22 months later.



Observation tower Thurauen, Flaach

2025

A design competition was held at ETH Zurich for the construction of the new observation tower at Thurauen. Timbatec was commissioned with the design and construction as part of the implementation project.



Cantonal Court, Lausanne

2025

The extension fits perfectly into the south-eastern part of the existing Lausanne cantonal court building and brings together all the courtrooms on the L'Hermitage site in Lausanne.



Construction of a canopy in wood, Chamblon VD

2025

The new parking and cleaning area at the end of the day on Place de Chamblon was built with a wooden roof based on the origami principle. CLT and TS3 panels made this principle possible.



Multi family house Käsereistr. 6, Niederscherli

2024

A sustainable replacement building constructed using timber and meeting Minergie-P standards: 22 apartments offering a high level of comfort, excellent sound insulation, and an energy-efficient building envelope—carefully designed to ensure superior acoustics, airtightness, and summer heat protection.



Buchholz Residential Development, Zurich

2024

With a total of 127 residential units, the Buchholzstrasse residential complex blends harmoniously into the popular Witikon neighborhood thanks to its timber-frame facade and high-quality wood cladding.



Courtyard Waberg, Adetswil

2024

The St. Michael Association runs the Waberg farm, which provides a home and work for people in need of support. Timbatec was responsible for the timber engineering, fire protection, and building physics aspects of the farm renovation.



Renovation of Hörnli restaurant, Baden

2024

In the run-up to the architectural contract for the restoration of the medieval building «Zum Gelbhorn» in the spa district of Baden, the canton of Aargau ordered a thorough archaeological investigation of the building. This revealed a history of over 400 years.



City Park Pavilion, Uster

2024

Cleverly designed | sustainably built. Timbatec contributed its expertise in timber structural engineering, L-bracket optimisation and construction details – with a focus on circular economy and minimal use of fasteners.



Multi-family house Hinterer Schermen, Ittigen

2024

The careful renovation of the historic building in Ittigen highlights the different areas of the former factory and emphasizes the interplay between the historic building materials wood and sandstone.



Replacement construction of old brickworks, Haufland Riedikon

2024

The replacement construction of a modern office and commercial building using timber construction methods is combined with the use of clay as a material. The implementation impresses with its sustainable construction and excellent CO2 balance.



Barn Dingenhart, Frauenfeld

2024

The «Dingenhart» detached house project breathed new life into an old barn in a picturesque hamlet near Frauenfeld, creating an eye-catching building made of wood and exposed concrete.



School center Château d'eau, Marly

2024

Marly has a new wooden school complex that combines classrooms and a sports hall. It was built with sustainability in mind, using local wood and favoring environmentally friendly practices.



New construction A Hüttlenen, Flühli

2024

This four-story apartment building with nine units has been constructed in Flühli, LU, offering outstanding views of the surrounding mountains. Around 500 m³ of Swiss wood was used to construct the CLT ceilings and walls.



Retirement home Talstrasse, Wetzikon

2024

The new retirement home is located at Talstrasse 19 in Wetzikon. The imposing building consists of eight full storeys with six apartments per storey.



Burgernziel Tram Depot Development Project, Bern

2023

The Burgernziel development combines a diverse range of residential and commercial spaces with a sustainable hybrid construction method. It features a reinforced concrete structural framework and slabs combined with insulated wood-frame exterior walls and a rear-ventilated ceramic facade.



Renovation of Le Tirage bridge, Valangin NE

2023

A new bridge to cross the Seyon in Valangin! The new bridge links Rue du Saut to the wooded hillside above Valangin. It can support loads of up to 40 tonnes.



Shelter Herferswil, Mettmenstetten

2023

The wooden shelter for agricultural machinery designed by Trachsel Technik AG was planned and constructed to be both aesthetically pleasing and cost-effective, while meeting all functional requirements.



Multi family house Breitestrasse, Wallisellen

2023

The ten-apartment building on Breitestrasse in Wallisellen is painted in a subtle sage green. The replacement building is a pure timber construction with four floors, including a wooden staircase.



New Construction of the Y80 Multifunctional Laboratory Building, Zurich

2023

The University of Zurich's (UZH) multifunctional Y80 laboratory building brings together three leading research institutes and provides a state-of-the-art infrastructure for medical research. Floors 1 through 3 were constructed using prefabricated timber elements.



Wydäckerring residential development, Zürich

2022

At Wydäckerring, 183 new flats have been built using a hybrid construction method that combines timber and concrete.



«Krokodil» house in Lokstadt, Winterthur

2019

Where locomotives and machines were once built, a new district is now being created. Urban living and working space for over 1,500 people is being created right next to Winterthur railroad station. Timbatec was responsible for the timber engineering services for the first building of the new Lokstadt.