

# Reference projects

## Renovation of old buildings

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### Farmhouse on Engstringerweg, Regensdorf

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., Regensdorf

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### Conversion of the Labör cultural center, Zurich Oerlikon

The Labör joint project is located in Oerlikon and was converted and renovated to improve its energy efficiency for several years of temporary use. Timbatec was asked to provide building physics consulting services for the project., Zurich Oerlikon

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### Courtyard Waberg, Adetswil

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., Adetswil

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### Multi-family house Hinterer Schermen, Ittigen

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., Ittigen

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### Renovation of Hörnli restaurant, Baden

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., Baden

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### Hofwis residential development, Elsau

In Elsau, a «new village center» was created with two apartment buildings, nine terraced single-family homes, a health center and a library with a multi-purpose room., Elsau

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### Refurbishment «Haus zum Kiel», Zürich

The manor house «Haus zum Kiel» is located on Hirschengraben in Zurich and was built between the medieval city wall and the baroque redoubt. The listed building had to be refurbished., Zürich

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### **Restaurant Rössli, Mettmenstetten**

The inn "Zum weissen Rössli" in Mettmenstetten has been extensively renovated and expanded with twelve apartments added to the attic. The venerable restaurant looks back on over 500 years of history., Mettmenstetten

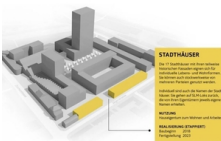
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### **Refurbishment multi-purpose hall HUM2, Payern**

In the 1970s, the army had a great need for new multi-purpose buildings and had two types of halls developed for this purpose. These buildings are getting on in years and are being renovated and strengthened against earthquakes., Payern

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### **Lokstadt - townhouses, Winterthur**

Where locomotives were once built, an urban living space full of forward-looking ideas is being created in the middle of Winterthur. The 17 townhouses with their partly historic facades border the Lokstadt area on its southwest side., Winterthur

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### **Addition Birkenrain, Retirement and Nursing Home, Bellariastr., Zurich**

The Birkenrain retirement and nursing home has 35 single rooms and was reopened in May 2021 after a complete renovation. Timbatec supervised the extension and was responsible for the QS fire protection for the whole building (QSS3)., Bellariastr., Zurich

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### **Conversion Bärenplatz, Bern**

The three buildings Bärenplatz 9, 11 and 27 are part of the row of houses on Bärenplatz between Bundesplatz and Käfigturm, «the front» as it is called by the people of Bern. A core renovation was carried out in these buildings., Bern

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### **QuarTierhof Höngg, Zürich**

The QuarTierhof Höngg is a small farm in Zurich-Höngg. It is a meeting place for people in the neighborhood who are interested in nature, agriculture and animals., Zürich

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### **House Rheinschau, Stein am Rhein**

The listed building was completely refurbished. The retrofit was carried out without any significant interference with the existing structure., Stein am Rhein

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### **Conversion of tenant house, Biberstein Castle, Biberstein**

The listed residential building was converted into an office building. This included a holistic refurbishment, in which all new construction requirements came into play., Biberstein

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### **Conversion and extension at Eidmattstrasse 14, Zurich**

The residential building at Eidmattstrasse 14 in Zurich, built in 1967, was renovated and two storeys were added., Zurich

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### **Conversion Alte Dorfstr. 22, Affoltern a. A.**

In the village center of Affoltern am Albis, the residential and commercial building with the former old Schmitte on the first floor is to be preserved. Timbatec was responsible for the timber construction planning and fire protection supervision and supported the building physics with the sound insulation., Affoltern a. A.

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### **Conversion gymnasium, Bure**

The old metal structure was reinforced. Timbatec was responsible for the structural details and dimensioning of the roof and the building envelope. Likewise, Timbatec controlled the thermal bridges and surface condensation risks., Bure

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### **Conversion Coop City St. Annahof, Zürich**

The Coop department store St. Annahof on Zurich's Bahnhofstrasse reopened in November 2019 after eight months of renovation. Timbatec inspected the ceiling structures of the upper two floors. In addition, the stairwell was extended., Zürich

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### **Extension Landi, Plaffeien**

The sales area of Landi Plaffeien in the canton of Fribourg was doubled with the extension and conversion project - to around 600 square meters. Timbatec planned the timber construction work of the 2.9 million Swiss franc project., Plaffeien

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### **Conversion Haldenhof, Hallwil**

Two farmers took over the Haldenhof in Hallwil. They want to run the farm in an animal-friendly and ecological way and therefore planned a conversion to be able to supply the farm as independently as possible. A Besenbeiz is to complement the offer., Hallwil

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### **Mill yard barn, Hausen am Albis**

In Hausen am Albis stands the listed barn. With the renovation two new apartments could be realized., Hausen am Albis

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### **Renovation «Alte Trotte», Zürich**

The listed building «Alte Trotte» from the 16th century has been extensively renovated. The 12 private rooms with shared kitchen, large living room as well as wet cells and common rooms offer space for up to 14 people., Zürich

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### **Addition of storey Gartenstrasse, Zurich**

Thanks to a new facade and an extension, the office building of Lienhardt & Partner Privatbank in Zurich appears in new splendor. Timbatec was responsible for the timber engineering services., Zurich

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### **The «Haus zum Lindengarten», Zürich**

The Haus zum Lindengarten on Hirschengraben in Zurich was built in 1725. The renovation was carried out in 2018-2019, but with the least possible intervention in the existing building fabric.», Zürich

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### **Refurbishment SBB service facility, Biel**

The approximately one hundred year old service facility of the SBB in Biel is a listed building. Timbatec analyzed the condition of the wooden roof structure and worked out the renovation options in cooperation with the monument preservation authorities., Biel

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### **Semidetached house Burenweg, Zurich**

The listed double dwelling house from the 16th century had to be repaired. The building fabric was to be preserved and the living comfort brought up to a modest but contemporary standard., Zurich

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### **Barn and shed Fischenrüti, Horgen**

The former farm with barn and coach house was converted and now houses apartments, studios and a playgroup. The intercultural garden remains a meeting point and place for encounters., Horgen

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### **Renovation and extension sports center, Gstaad**

Gstaad has made its sports center fit for the future. In addition to the construction of a wellness area, the wooden support structure of the indoor swimming pool was extensively renovated. Timbatec analyzed its condition and defined the renovation measures., Gstaad

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### **Renovation/ new construction Cormanon school, Villars-sur-Glâne**

In Villars-sur-Glâne, two school buildings were renovated and the gymnasium and the connecting wooden wing were newly built - and all this during ongoing school operations. For everyone involved, this meant planning the work very precisely., Villars-sur-Glâne

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### **Old Tobelhof, Zürich**

It is an institution in Zurich: The "Alte Tobelhof", where a restaurant has been serving guests from all over the region for over fifty years. Because the business no longer met today's requirements, the city of Zurich as owner had the listed courtyard extensively renovated., Zürich

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### **Saumacker, Zürich**

Not far from Zurich Altstetten train station, the PWG Foundation had an apartment building modernized and extended. Timbatec was allowed to accompany the construction project as timber engineer and fire protection planner., Zürich

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### **Renovation Steinbach Bridge, Trubschachen**

The covered wooden bridge at the exit of Trubschachen leads over the Ilfis and provides access to the Steinbach and Buhus area. Although it does not have to carry a great deal of traffic, it does sometimes have to carry quite heavy vehicles., Trubschachen

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### **Seestrasse extension, Zürich**

The object is a four-story apartment building near Lake Zurich. The first floor is used for offices, the upper floors serve as apartments. The attic is undeveloped., Zürich

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### **Renovation indoor swimming pool fairy tale hotel, Braunwald**

As part of a roof structure refurbishment in the attached indoor swimming pool of the fairy tale hotel Bellevue in Braunwald, the task was to find an aesthetic solution for beams that were (originally) too small in size. The solution presented itself in the form of a steel substructure made of authentic chrome steel., Braunwald

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### **Conversion Haus zum Kiel, Zürich**

The baroque Haus zum Kiel is located on Hirschengraben in Zurich's old town. The building exhibited severe subsidence and various damages to the building structure and supporting structure. Timbatec AG was commissioned to examine load transfer methods and define measures for the conversion., Zürich

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### **Conversion barn Jetschwil, Düdingen**

The barn on the Jetschwil estate in Düdingen was built around 1793. In the following years, the barn and the roof structure were adapted or converted to the constantly changing uses., Düdingen

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### **Renovation residential house Ramseier, Oberhofen**

The beautifully located two-family house in Oberhofen on Lake Thun was to be adapted to the ideas of the client after a change of ownership and converted into a single-family house. For the energy supply, a full-surface covering of the roof with photovoltaic elements was planned., Oberhofen

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### **Renovation rectory, Maschwanden**

The listed but dilapidated 350-year-old parsonage in Maschwanden underwent a total renovation., Maschwanden

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### **Extension/Renovation MFH Salvatorstrasse, Zürich**

The existing apartment building on Salvatorstrasse underwent a total renovation to create more space, comfort and aesthetics. The living room extension consists of hollow box elements, which rests on a post and beam construction at the front and is clad with a glass front., Zürich

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### **Renovation MFH Segantinistrasse, Zürich**

The apartment building on Segantinistrasse in Zurich was raised in the course of total renovation and upgraded to the Minergie-P standard with a prefabricated new building envelope. The complete new building services are integrated in the prefabricated wooden elements, which were placed in front of the existing exterior walls., Zürich

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### **New construction/renovation of the Mühleareal complex, Herbligen BE**

A five-story apartment building and 2 x 3 row single-family homes are clustered around the existing mill building., Herbligen BE

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### **Renovation / new construction farmhouse summer, Büren zum Hof**

A farmhouse in the center of the village (of monumental importance) in poor structural condition was to be renovated or partially replaced. The plan was to demolish and rebuild the farmhouse and only renovate the residential part., Büren zum Hof

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### **Redevelopment Höchhus, Steffisburg**

This property in Steffisburg belongs to the Höchhus Foundation and is a listed building. The Höchhus is one of the oldest buildings in the village., Steffisburg

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### **Reconstruction-renovation tithe barn, Grundbach area, Thun**

The tithe barn was one of the oldest preserved buildings in the city of Thun. After a fire in 1999, it had to be renovated in cooperation with the preservation of historical monuments of the canton of Bern., Thun

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### **Reconstruction Bälliz 29, Thun**

The existing building in the center of Thun was converted into business premises and apartments. On the 1st floor, three high reinforced concrete girders were installed, which protruded from above about 70 cm into the clearance gauge. The planned store was to be column-free with a smooth soffit. The existing beam layers were to remain unchanged., Thun

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