

## Building structures

### Old power plant

**Project type**

stone - brick construction, new steel storeys, reconstruction

**Location**

Ljubljana, Slovenia

**Surface**

1.500 m<sup>2</sup>

**Year(s)**

2001 - 2002

**Services**

Walls connection with a perforated steel anchor ring strengthening and weight loss of storey structure with the composite steel and concrete structure.



**Investor**

Urban municipality of Ljubljana

The building has two floors and a basement. Load-bearing walls are of brick with a thickness of 30 to 50 cm. The project includes renovation and expansion of historic building under monument protection. The seismic sanitation greatly affects the constructional sanitation of the structure. Significant structural intervention was the production of new inter-floor steel structures (HI bond).

**DAMAGE**

- Common damages due to lack of maintenance
- The building suitable for a comprehensive reconstruction and new functional purposes