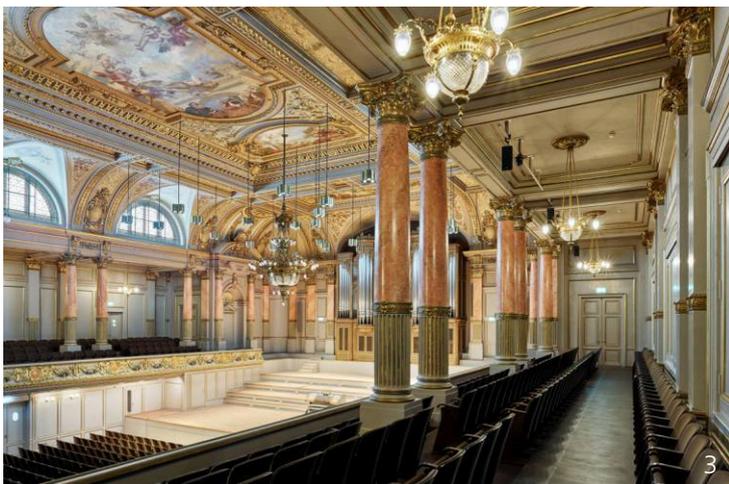




## TONHALLE ZÜRICH, SWITZERLAND

**PROJECT SUMMARY.** After a four-year period in the interim venue Tonhalle Maag, the famous Tonhalle-Orchester returned to their lake-side headquarters. The renovation and restoration of the Tonhalle Zürich was successfully completed in 2021. This historic concert hall, designed by the renowned Viennese architects Fellner & Helmer, was originally inaugurated in 1895. Ever since, it has undergone numerous modifications, additions and renovations, and has now again become a modern concert hall meeting high artistic standards while also fostering a sense of cultural identity.

**FOCUS OF CONSULTING SERVICES.** Extensive status evaluation measurements, both in the unoccupied and occupied hall, as well as numerous measurements performed on the podium and special sound recordings formed the basis for the renovation measures. In the process, a new organ with a compact body was developed and skillfully integrated into the space. The new hall floor is directly connected to the supporting level in the hall's longitudinal axis and to the front part of the new extended orchestra podium, whose width and depth can be flexibly adjusted to modern performance requirements. As a result, the vibration energy generated during music performances can be transmitted directly to the hall floor, thus noticeably enhancing the concert experience for the audience. The new fabric covers of the refurbished seats were optimized in terms of acoustics and help to compensate the difference in reverberation times during rehearsals and concert performances.



### CLIENT

City of Zurich

### ARCHITECT

ARGE Boesch Diener, Zurich

### PROJECT DATA

Planning and construction period	2006 – 2021
Gross volume	12,000 m <sup>3</sup>
Cost of construction	approx. 170.0 million CHF

### SERVICES RENDERED

Room acoustics

Overall consulting during all work phases, status evaluation measurements, final acceptance testing, supervision of commissioning, support during the opening phase

1 Aerial view of the Zurich Convention Center | Tonhalle Zürich

2 Grosse Tonhalle with view to the organ

3 View from the balcony

4 Restored ceiling fresco "Composers Heaven"

Pictures: © Tonhalle-Orchester Zürich