



TEATRO ALFIERI, CASTELNUOVO DI GARFAGNANA, ITALY

PROJECT SUMMARY. The Teatro Alfieri was built in 1860 in Castelnuovo di Garfagnana near Lucca as a traditional four-tiered opera house and received its current name in honor of the playwright Vittorio Alfieri. After the Second World War, it was converted into a cinema and used exclusively for movie shows until its closure in 1990. After the municipality regained ownership of the former opera house, it was extensively restored and technically upgraded. Furthermore, the addition of a new rehearsal hall increased the space available. In 2006, the opera house – now seating an audience of 510 – was re-opened as a new jewel in northern Tuscany.

FOCUS OF CONSULTING SERVICES. The success of this complex refurbishment project was fundamentally based on the close collaboration with an architect highly experienced in restoration. The main task was to rebuild the severely damaged historic structure, particularly the ceiling dome which was in danger of collapsing, while taking into account all acoustic aspects, and to renovate the boundary surfaces according to the relevant acoustic specifications.

Furthermore, it was necessary to build a new orchestra pit as well as to include a modern ventilation system whose air plenum is located under the wooden floor structure in the stalls area. Moreover, the street passing directly by the theater required the installation of new sound-insulating windows and stage doors.



CLIENT

Comune di Castelnuovo di Garfagnana, Italy

ARCHITECT

Studio Dini, Castelnuovo di Garfagnana, Italy

PROJECT DATA

Planning and construction period 2001 – 2006
Seating capacity 510

SERVICES RENDERED

Room acoustics, building acoustics, protection against external noise

Status evaluation measurements, consulting, site supervision, final acceptance testing

1 Exterior view

2 Ceiling dome

3 Foyer

4 Auditorium

Pictures: © Studio Dini