

| Seismic retrofit of EMICICLO building and EX GIL building, hystorical building in masonry, strictly dameged during the earthquake April 2009

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## L'Aquila, Italy

## PROJECT INFORMATION



### PROJECT

Following the earthquake of April 2009 in L'Aquila, Emiciclo building, developed in the 1888 and the building ex GIL ( Gioventù Italiana del Littorio ) constructed between the 1929 and 1932, had several structural damages.

Emiciclo building is the headquarter of Regione Abruzzo while exGil building is the headquarter of Gran Sasso Science Institute.

Instead of the traditional intervention on a damaged building, the project foresees the seismic isolation at the base.

Due to the historical value of the buildings, in order to preserve the structure, was constructed an under foundation in order to disconnect the structure with the ground, placing elastomeric isolators.

SOMMA supplied and installed 61 elastomeric devices type SOMMA ISI H 500/156 e 54 pot bearings type SOMMA EDM 2500/600/600

