

# UMBERTO I PRIMARY SCHOOL

PITIGLIANO (GR)



## ASSESSMENT OF THE SEISMIC VULNERABILITY OF UMBERTO I PRIMARY SCHOOL

<b>Location</b>	Pitigliano (GR)
<b>Client</b>	Municipality of Pitigliano
<b>Project Manager</b>	Eng. Claudio Migliorini
<b>Service</b>	Seismic vulnerability analysis - improvement / adjustment feasibility
<b>Execution</b>	2019-2022
<b>Surface</b>	32.000 sq m
<b>Amount of works</b>	19.000.000,00 €

The modeling of the structures was carried on calculation software and through the evaluation of the risk indices in terms of ground acceleration and return times.

After that, improvement and/ or anti-seismic adjustment interventions have been taken into account in terms of technical and economic possibilities.

In order to find out the degree of improvement, the modeled structure have been compared with structural interventions.

The evaluations have been filed at the Grosseto Civil Engineering Office (Genio Civile)