On October 31st, 2002, an earthquake hits the Molise region, leading to the collapse of Jovine school in San Giuliano di Puglia. 27 students died, together with a school-teacher. The event shook public opinion and was covered widely by the media.

The new Jovine school was reconstructed with base isolation. The solution consisted in a unique base deck supported by the foundations by means of the isolation system. From the deck the two buildings, the school and the university centre respectively, stand out. This solution uses very well the global symmetry of the construction composed by the two buildings, and allowed to eliminate most of the structural problems encountered by the designers, due to the very irregular shape of both the buildings. This experience gave the opportunity for same consideration about the architectural and structural design in seismic area.

References

Contact: paolo.clemente@enea.it