

# COMPANY PROFILE



**Foppoli Moretta e Associati consulting engineers - Tirano (SO) - ITALY**  
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# Foppoli Moretta e Associati

## consulting engineers



FMeA is an Italian SME settled in 1995

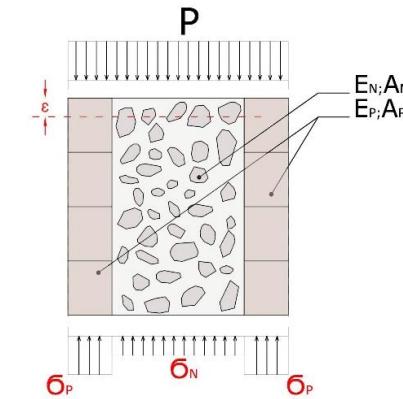
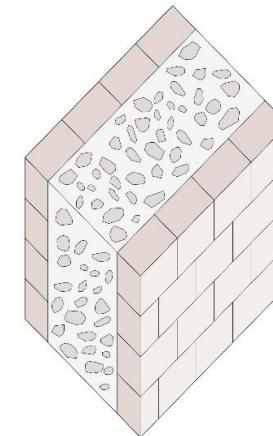
The company is divided into two areas:  
“Building, Restoration & NDT” and  
“Environment, Territory & Infrastructure”

On the field of cultural heritage FMeA has worked for the restoration and structural enhancement of public buildings, archaeological sites, castles, palaces and mansions, churches.

On the field of surveys, diagnostic analysis and monitoring FMeA have performed testing on masonry and wooden structures, structural monitoring, modeling and statical and seismic assessment of several ancient buildings all over the Italy.

In the following some relevant job we have performed to exemplify our field of activity

# Giotto Bell Tower in Florence

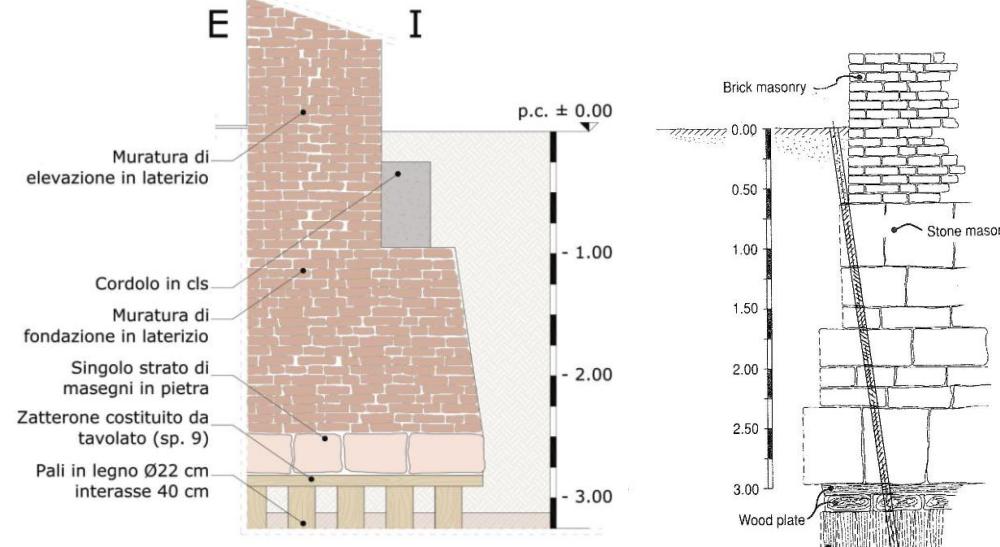


Analysis of geometrical and mechanical characteristics  
for the **assessment of structural safety**

# La Fenice Theatre in Venice

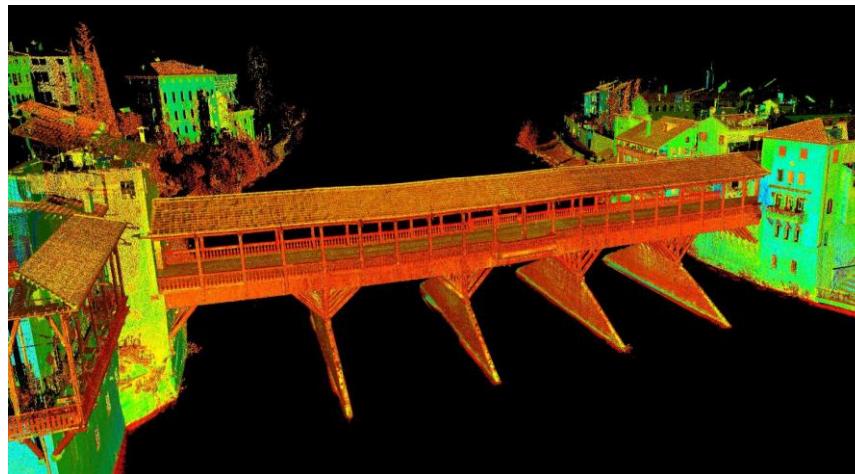
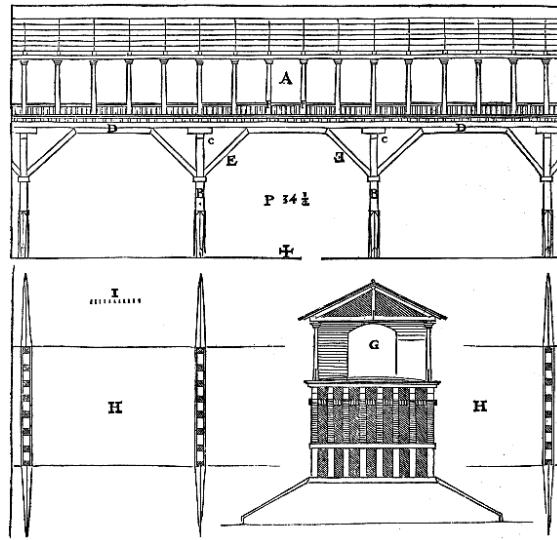
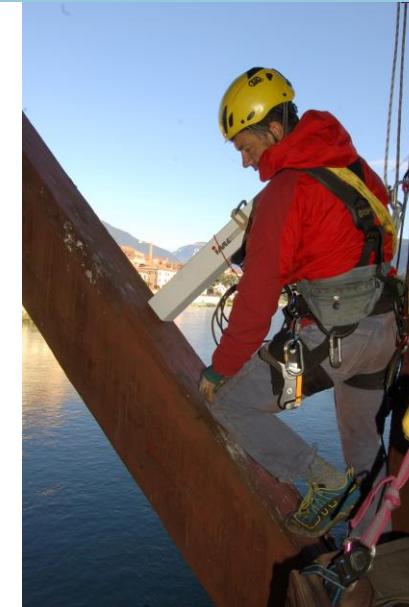


Foundation: La Fenice (XVIII c.) vs S. Marco Basilica (X c.)



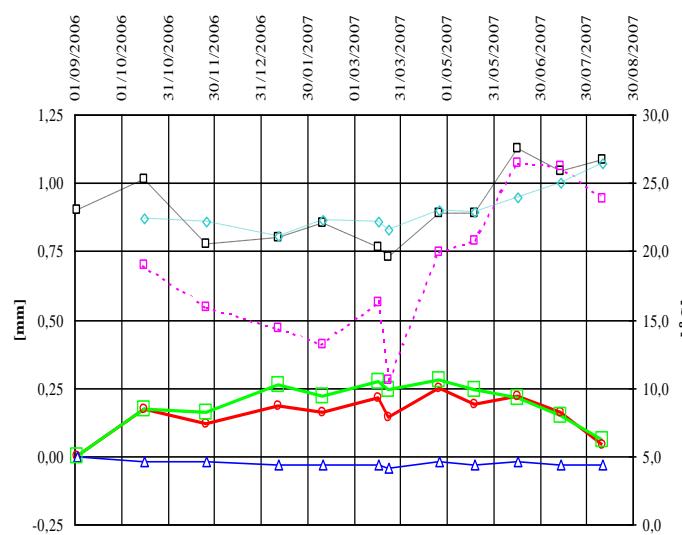
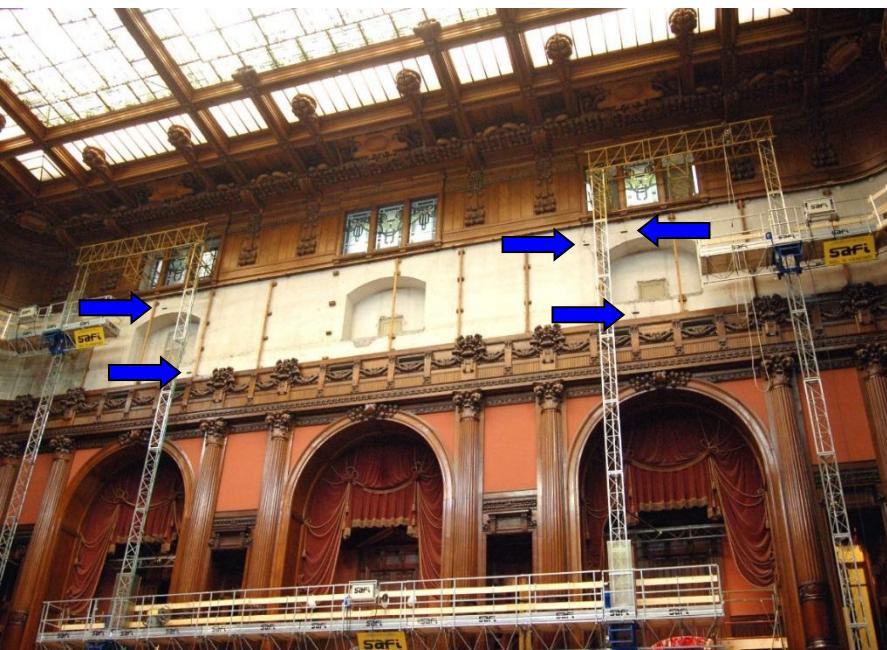
The theatre was set on fire in 1996: analysis of geometrical and mechanical characteristics to provide the data for the restoration project

# Alpini bridge in Bassano del Grappa (VI)



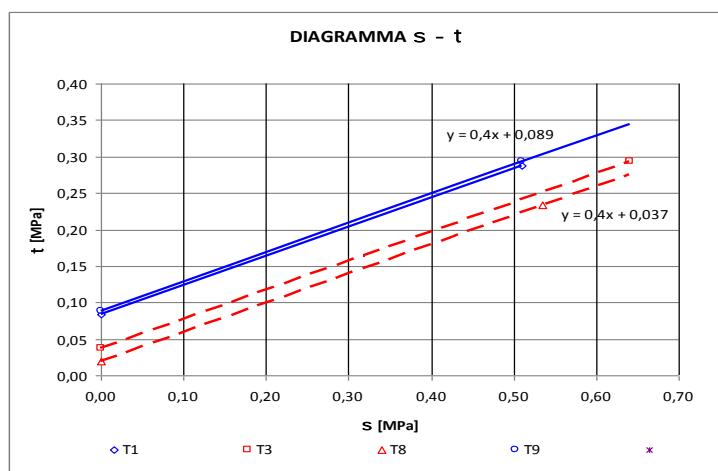
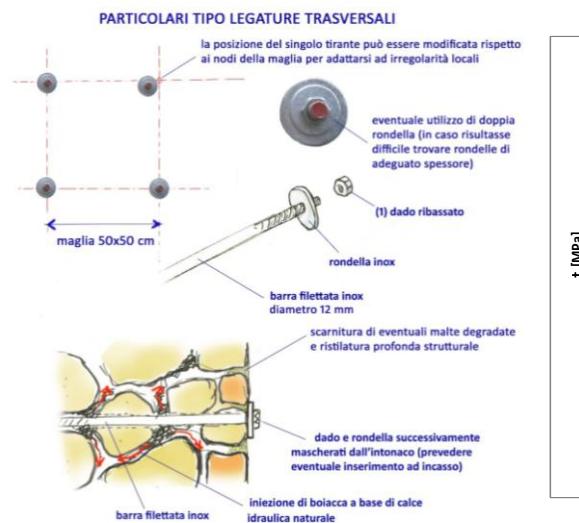
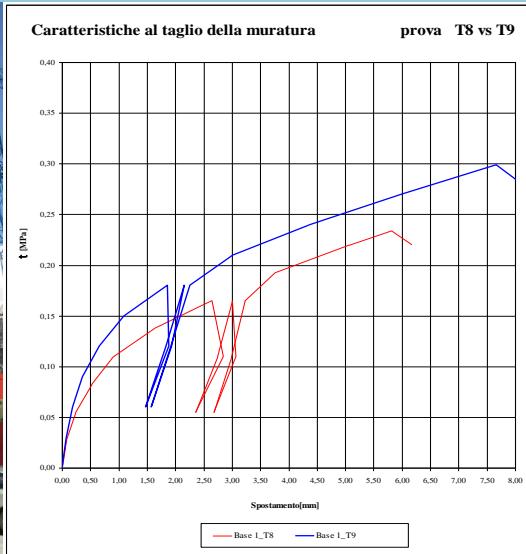
Geometrical surveys, inspection and tests on wooden trusses and masonry abutments performed with positioning techniques by ropes to **analyze the relevant deformation pattern**

# House of Parliament at Montecitorio Palace in Rome



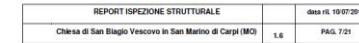
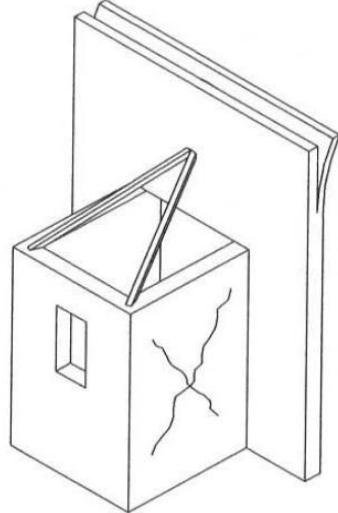
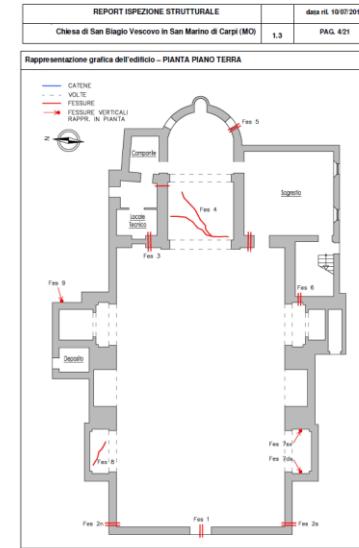
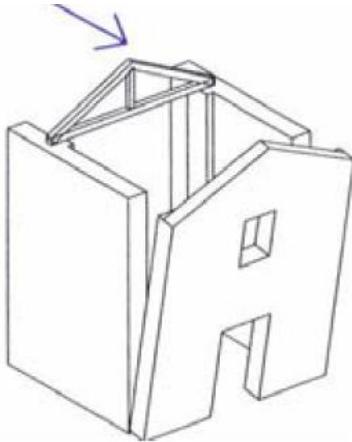
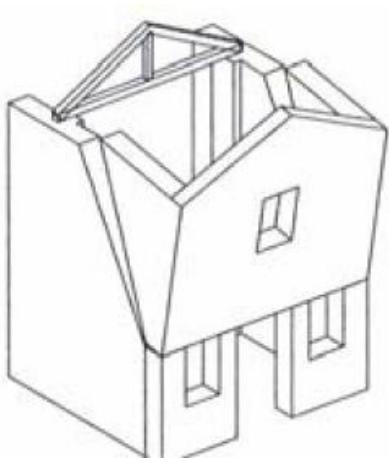
Monitoring of crack pattern during the  
restoration works of Sartorio freize

# Colloredo castle (UD) - 1976 Friuli earthquake



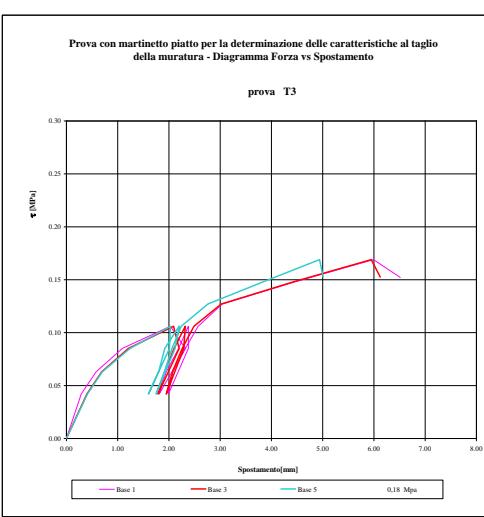
Flat jack tests to assess the effectiveness of strengthening techniques

# S.Biagio church in Carpi (MO) - 2012 Emilia earthquake



Inspection of damages due to the earthquake, NDT and structural enhancement

# Development of advanced test methods - 2012 Emilia earthquake



Development of new Slightly Destructive Test methods (FJ>SC method)  
for in situ measurement of shear properties of masonry

# Valtellina Cultural District (2011/2015)



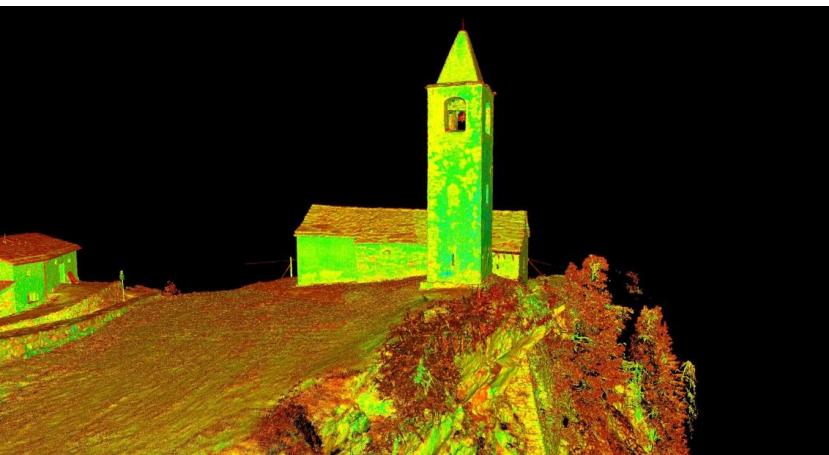
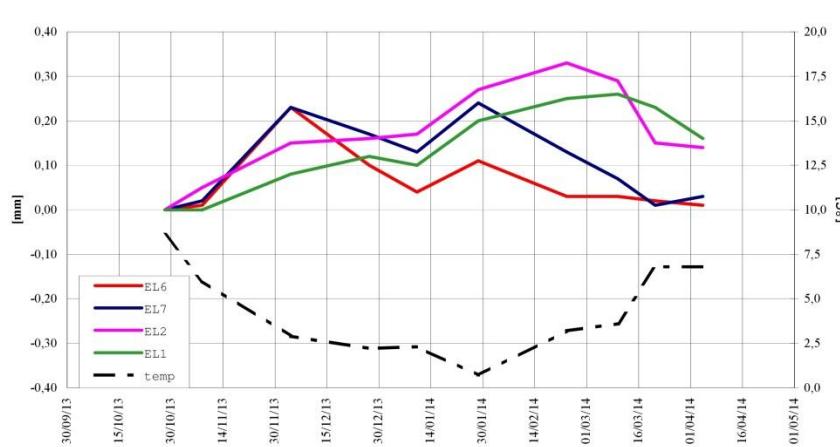
Responsible for the development of tangible assets of “**Valtellina Cultural District**” – partially granted by Fondazione Cariplo total amount € 7.000.000

# INTERREG CPRE Project (2013/2015)



Project leader of Interreg European project “ Preventive Conservation in the alpine common area – CPRE project” total amount € 1.570.000

# CPRE activities – S. Romerio (Switzerland)



Survey, inspection with positioning techniques by ropes,  
monitoring and emergency intervention