



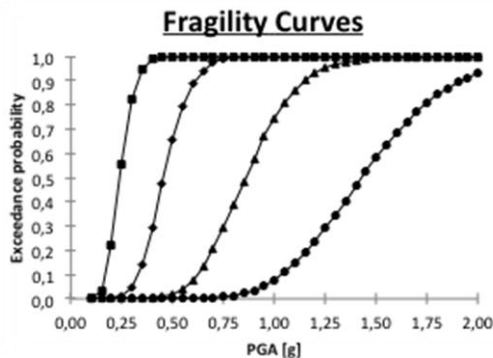
UNIVERSITÀ  
DEGLI STUDI  
DI PADOVA

# SEISMIC RISK ASSESSMENT AND LOSS ANALYSIS FOR RISK MANAGEMENT AND MITIGATION

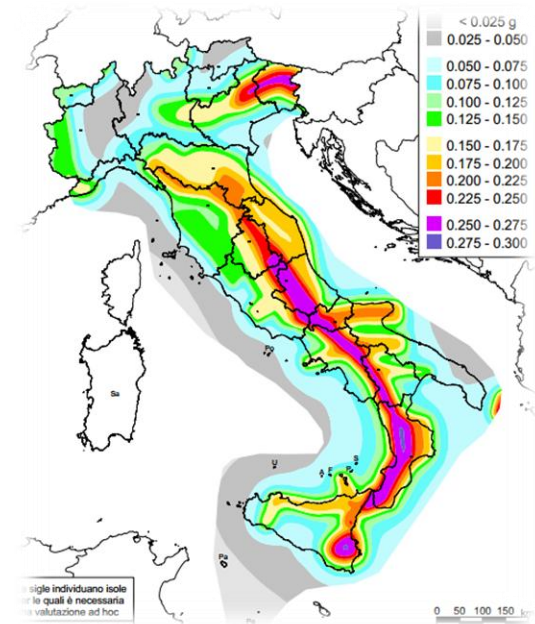
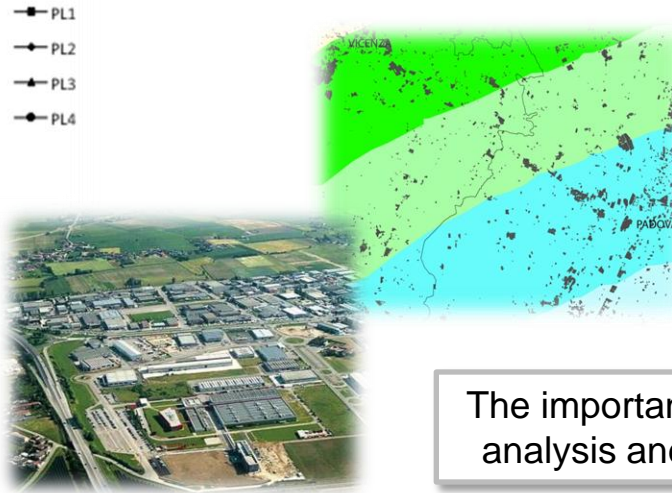
Lorenzo Hofer

How to handle the seismic risk? How to reduce it?

Which is the probability of a structure of being damaged beyond a specific damage state?  
How to estimate the fragility of a structure?



The advantage of a  
well-calibrated  
seismic consolidation



The importance of an accurate seismic risk  
analysis and estimation of expected loss.