

Mapping the Italian school buildings stock consistency

Abstract: In Italy, the school building heritage counts more than 43.000 facilities build in different periods, typically characterized by different construction features. The purpose of the thesis is to analyse the available online National databases and sources from which data on school buildings can be collected, elaborated, and organized for mapping the consistency of the stock within the national territory through a GIS platform. The results of the study can be useful for school administrators and policy makers at regional or national level to plan the retrofit strategies for improving this important building sector, defining the priorities based on the different build volume consistency by age of construction and related technological updating needs.

- Possibility to involve supervisors from the same scientific field of DENG <https://www.energia.polimi.it/>
- Required: good knowledge of English, familiarity with Excel and propensity to use GIS software.