

Mapping the Italian public housing stock consistency

Abstract: Assessing the sustainability performance of the building stock has grabbed particular attention during last decade. In the light of this trend, large-scale assets such as neighbourhoods or districts, arise as fundamental units of a city, where the impact of socio-economic and environmental challenges play a key role in strategic plans towards sustainable or smartness upgrading. In this regard, public housing districts – mostly dwindled by low-income people and presenting a low-energy efficiency profile – are seen as potential hubs for improvement under current European targets for 2050. The thesis aims to develop a mapping of the territorial distribution of public housing stocks in Italy and its characterisation towards the development of potential guidelines for improvement.

- 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.