



POLITECNICO
DI TORINO

Honors thesis

Course of Pianificazione Territoriale,
Urbanistica E Paesaggistico-Ambientale
Planning for the Global Urban Agenda

Abstract

Local adaptation plan of Turin: proposal of actions and their
mainstreaming in urban planning

Tutor

Maurizio Tiepolo

Student

Sofia Stella Masciulli

December 19th, 2019

Climate change is an increasingly important topic for urban areas, which contribute to its formation through anthropogenic emissions and suffer the most significant impacts. Many cities have developed adaptation plans and strategies. However, this activity always faces many challenges as it requires the definition of cross-sectoral actions and the collaboration of almost all sectors of the local government. Turin is preparing a local climate adaptation plan. The 177 actions identified at the moment, however, have only been outlined and are therefore impossible to implement. The objective of this thesis is to propose groupings and descriptions of actions and their mainstreaming in urban planning tools. The 35 actions to be mainstreamed in urban planning are merged into 10 macroactions, in turn detailed, for instance, in 4 action fact-sheets. These fact-sheets have been drawn up following a comparison with the other Italian adaptation plans (Ancona, Bologna, Padua). Mainstreaming adaptation in urban planning tools allows all present and future transformations of the territory, both punctual and widespread, to better face climate change.

Contact for further information:

Sofia Stella Masciulli
masciullisofiaastella@gmail.com