



POLITECNICO
DI TORINO

Honors thesis

COURSE OF TERRITORIAL, URBAN, ENVIRONMENTAL
AND LANDSCAPE PLANNING

Abstract

**Edible landscape: protection and planning of the local
food system. A model for the Turin's Functional Urban
Area**

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by

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December 2016

The aim of this study is to provide a general framework on the issue food planning and build a knowledge base of the food system of the Functional Urban Area of Turin.

The food system includes the chain of activities related to the production, processing, distribution, consumption and waste management and the effects of these activities (socio-economic, territorial and environmental, etc.). The food planning aims, therefore, to a food system planning more fairer, healthy and sustainable through the transformation of social practices that constitute them and of urban and peri-urban spaces and metropolitan contexts. The theme of food requires the adoption of an integrated and interdisciplinary approach that takes into account the land use planning, transport, trade, education, health and social aspects, in order to identify effective food policies.

The theme of the relationship between food, space and territory is becoming increasingly important thanks to initiatives that start from the bottom and reflections that begin to emerge on the topic of food policies. It is from the city that comes most of the demand for food, doing the urban areas the nodes of the networks of flows of raw materials, finished products, waste, workers and information. Especially in cities develop cultural phenomena, political decisions and economic inputs that can affect the food system.

In the last decade, we are witnessing the growing spread of the practices of the food systems planning, at both national and international level, through the establishment of food strategies and plans and the creation of food policy Councils. At the center of most of the actions and reflections on the relationship between land and food we find the will to reconnect food production with the places in which is consumed by strengthening the relations between the people and the places, territories, landscapes, environment and food.

In order to examine this growing phenomenon I start, in the first chapter, with an analysis of the literature, in order to draw a picture about the origin and evolution of the planning of the food systems. I move, then, to the study of projects identified in European research to arrive, lastly, to the description of five case studies that can provide a practical application of food planning.

The second part of the work focuses on the analysis of the food system of the Turin's functional urban area through the application of the method content in the European project "Food Planning and Innovation for Sustainable Metropolitan Regions" (FoodMetres). This allows to assessing the production capacity of the territory in relation to the demand generated by the food itself and provides a description of the context.

Later the chosen methodology is also applied to the local level, in particular to neighboring territories of the "Palazzina di Caccia di Stupinigi" and the "Reggia di Venaria" and "Parco della Mandria", in order to better highlight the specific territorial vocations.

The results thus obtained, providing a basic understanding of the study area, may be the starting point for future food plans or food strategies that promote participation, support local farmers, improve environmental sustainability, protect rural areas, promote urban agriculture and improve the quality of the food and accessibility to food.

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