



**Politecnico
di Torino**

Honors Thesis

Master of Science in Sustainable Architecture

Abstract

AGRO-SYNAPSIS

Strategic scenarios for territorial regeneration from Leverano to Porto Cesareo

Tutor/Correlator

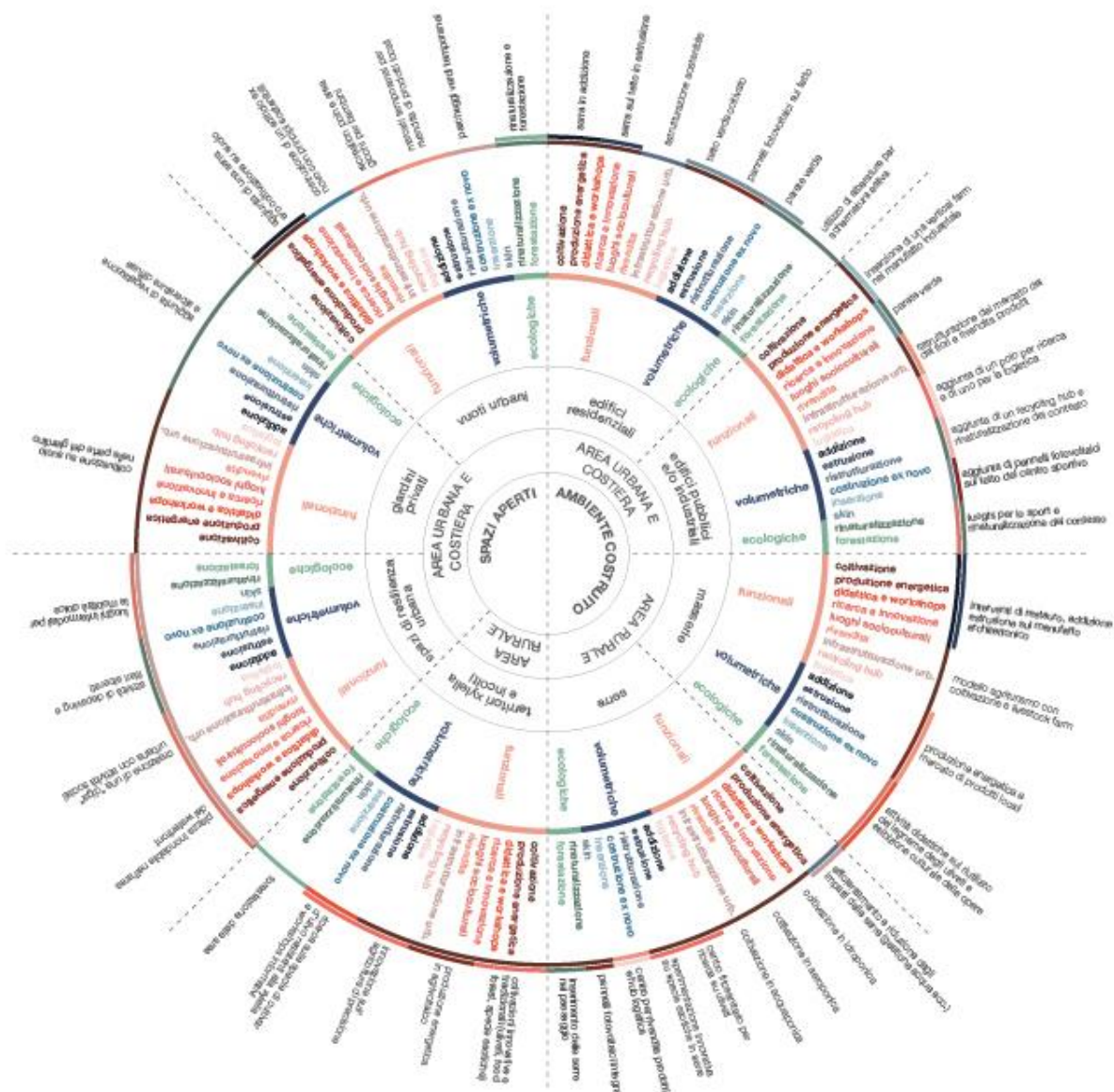
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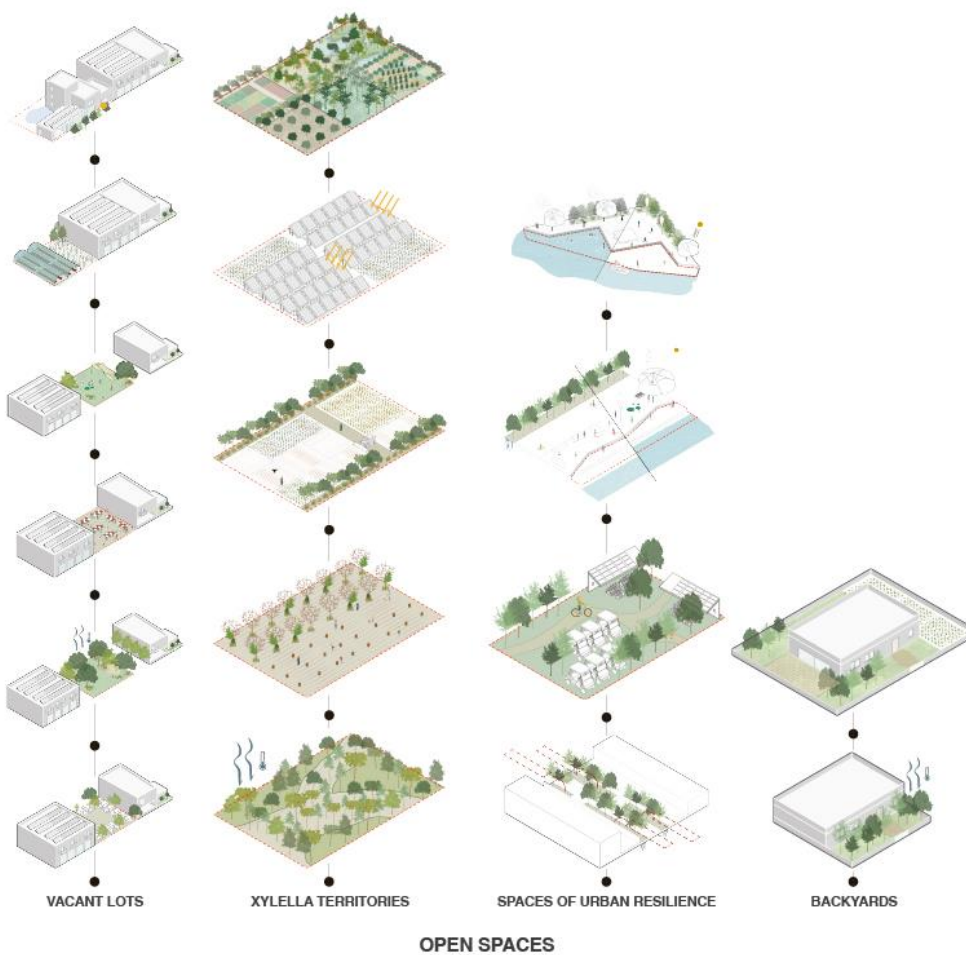
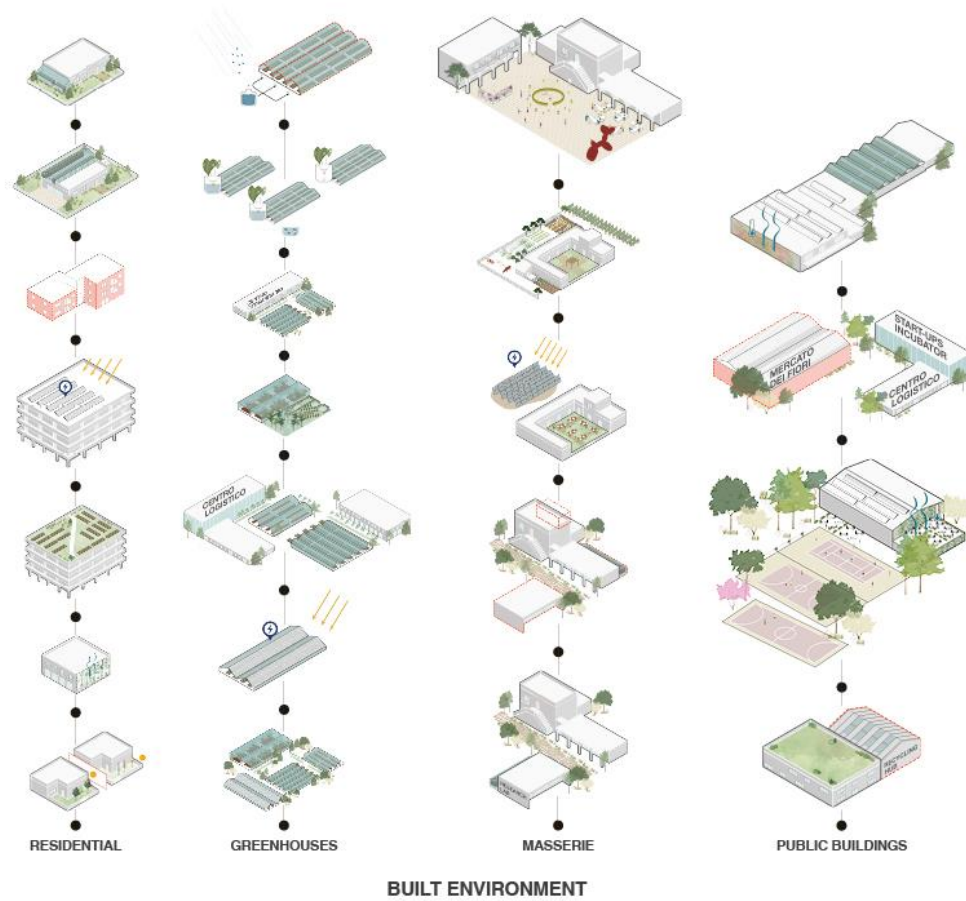
Sara Marzio

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Speaking of 'agricultural synapses' means starting from the key assumption that agriculture, especially in some specific territorial areas, not only plays a pivotal role in terms of productivity and income, environmental and social externalities and urban development, but is also potentially the bearer of synergies between spheres and multidisciplinary realities. The aim of the thesis is thus bidirectional: on the one hand, it attempts to rediscover and deepen the direct and latent connections that unite the field of rurality with the contemporary city, and on the other hand, it promotes territorial regeneration, starting from the emerging environmental and climatic fragilities underway. And it is precisely with the latter that the research area is grafted, in a place, Salento, where a bacterium such as *Xylella Fastidiosa* has disfigured the olive-growing landscape, generating a productive, social and spatial quality crisis. The AGRO-SYNAPSIS project aims to mend this rupture by creating synapses between production and innovation, rural and urban worlds, owners and farmers, and by restoring an overall image in which agro-environmental and spatial experimentation is the key element for the connection of the various parts that make up the area examined.



THE ABACUS OF OPERATIONAL TOOLS FOR TERRITORIAL REGENERATION



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