

FACTS Conference

Unlocking the Potential
of Urban Agriculture
29-30th March 2022



Roundtable: Planning with Urban Agriculture

A proposal for the definition of Urban Agricultural Parks based on social and environmental services of the peri-urban agricultural areas of Rome

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A proposal for the definition of Urban Agricultural Parks

1

The agricultural park as an implementation tool of the Metropolitan Strategic Plan

An objective for policy-makers:

Enhance the presence of multifunctional farms in peri-urban areas that respond to social, cultural, public health and environmental needs (Marino and Cavallo 2014; ISMEA 2018).

A tool:

The Agricultural Park as an innovative and multi-stakeholder management model (Belletti and Butelli 2018) and a tool for coordinating rural development and planning of the peri-urban territory (Fanfani 2016).

Metropolitan Strategic Plan of the Metropolitan City of Rome (CMRC):

The proposed establishment of the Metropolitan Agricultural Park of Rome, Piano del Cibo.

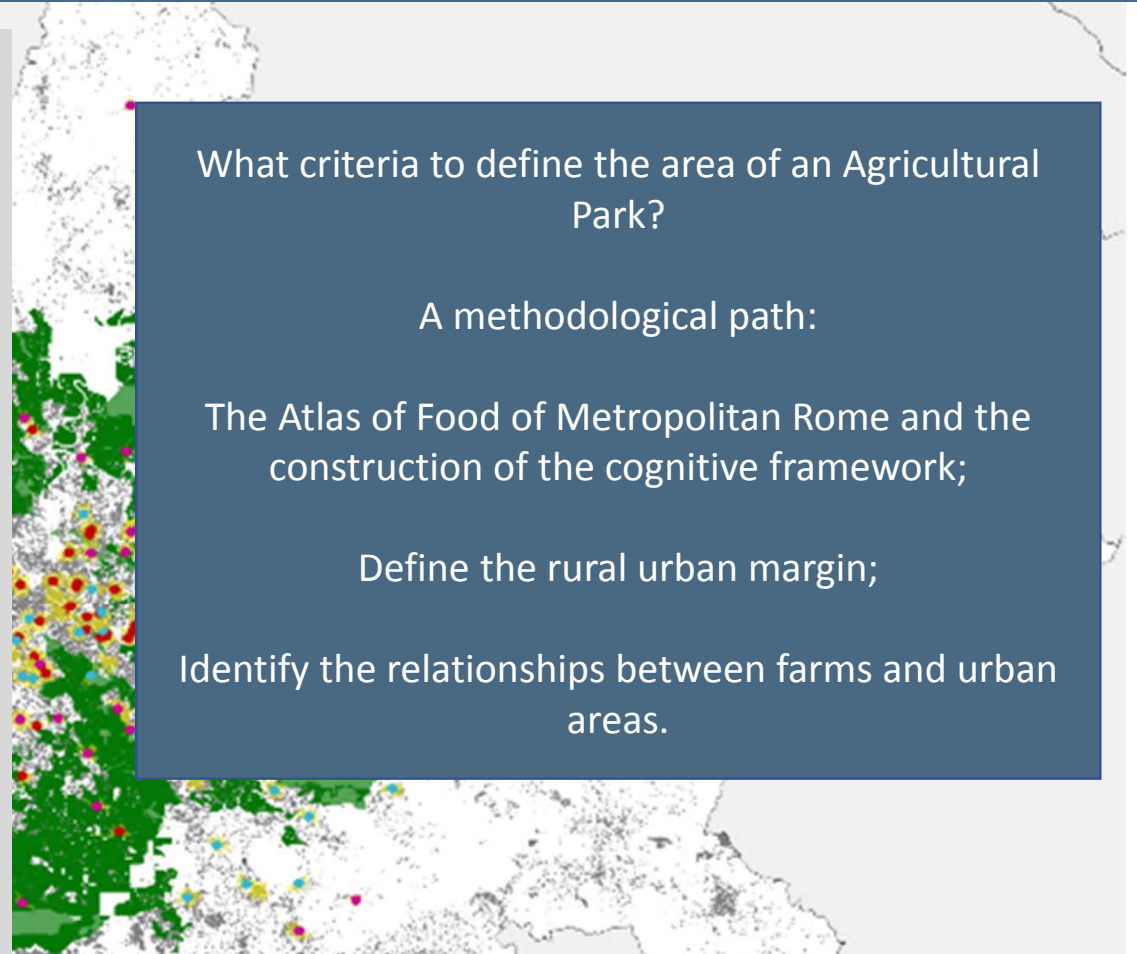
What criteria to define the area of an Agricultural Park?

A methodological path:

The Atlas of Food of Metropolitan Rome and the construction of the cognitive framework;

Define the rural urban margin;

Identify the relationships between farms and urban areas.



A proposal for the definition of Urban Agricultural Parks

2

Identification of potential areas

Identification of agricultural areas in the urban belt able to offer services to residents of the most densely urbanized areas

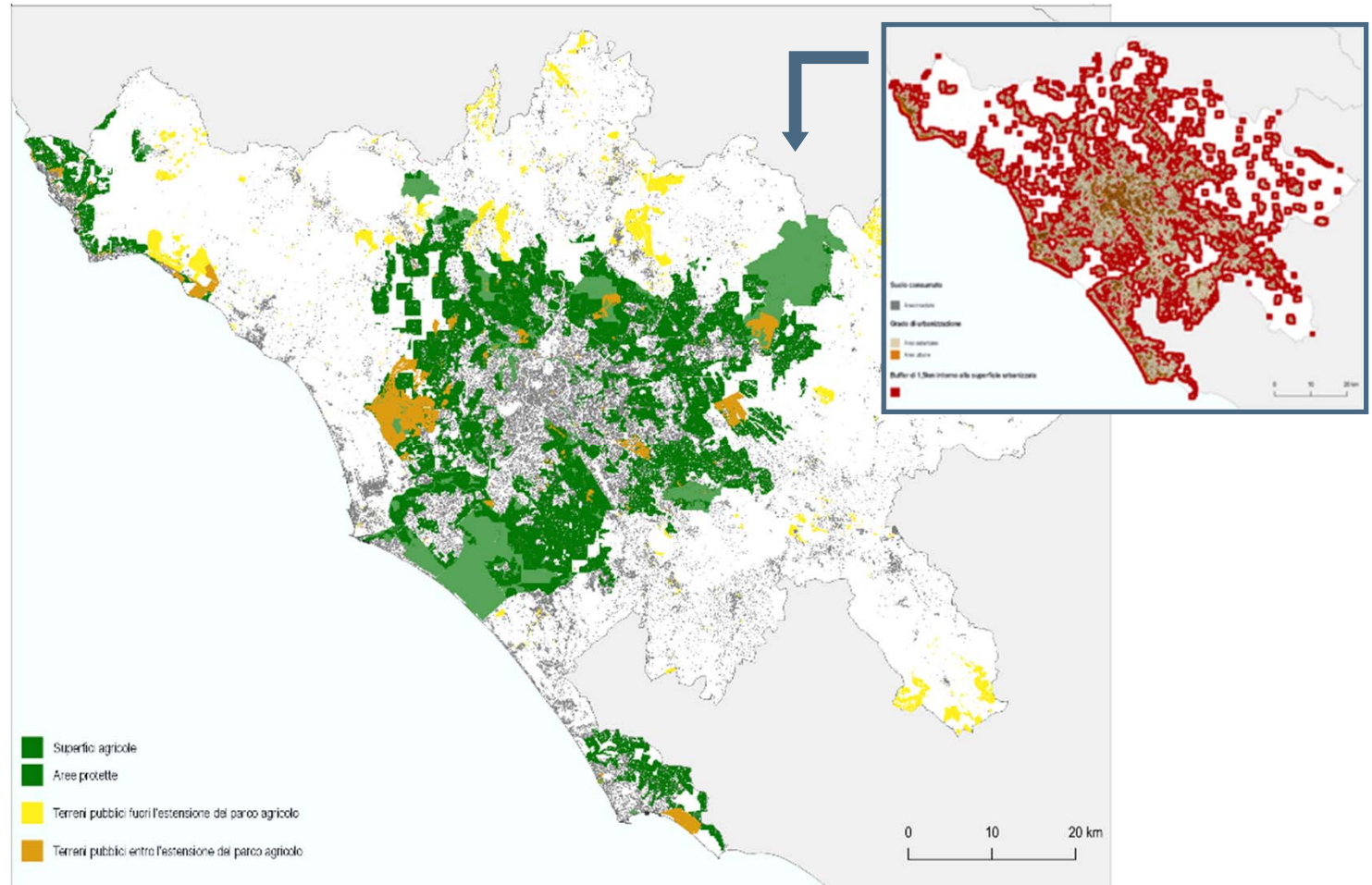


1.5 km buffer around the area more densely urbanized

Rurale



Urbano



A proposal for the definition of Urban Agricultural Parks

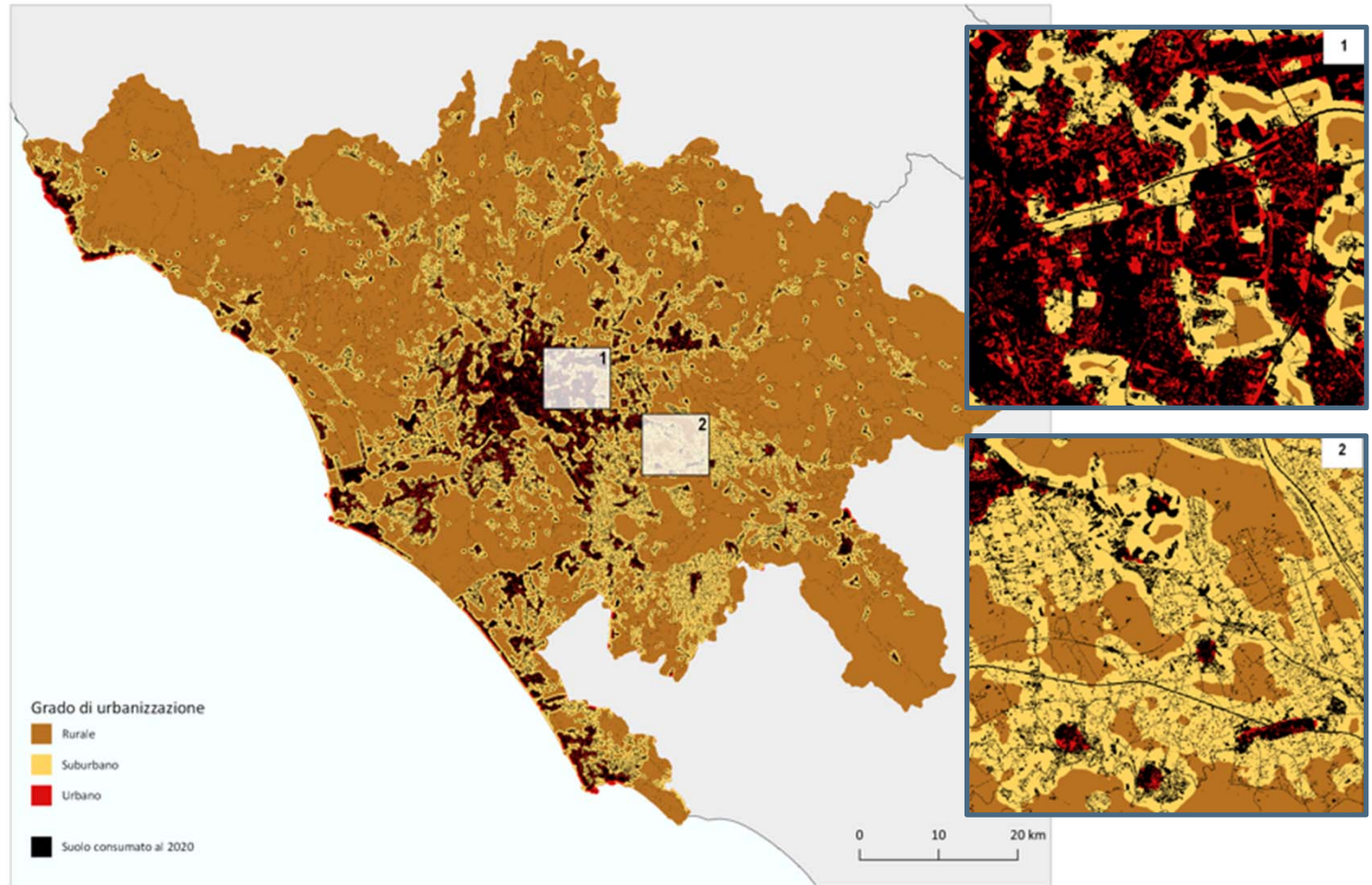
3

Classification of the Metropolitan territory according to the degree of urbanization

Need to identify a usable area by walking the maximum distance of 1.5 km from the densest urban area.



Rurale



Ns. elaborazione su dati e metodologia ISPRA - SNPA

A proposal for the definition of Urban Agricultural Parks

4

The Services offered by the Agricultural Park

86,000 hectares
extension of the Agricultural Park

4,000 hectares Public land
30 Protected natural areas

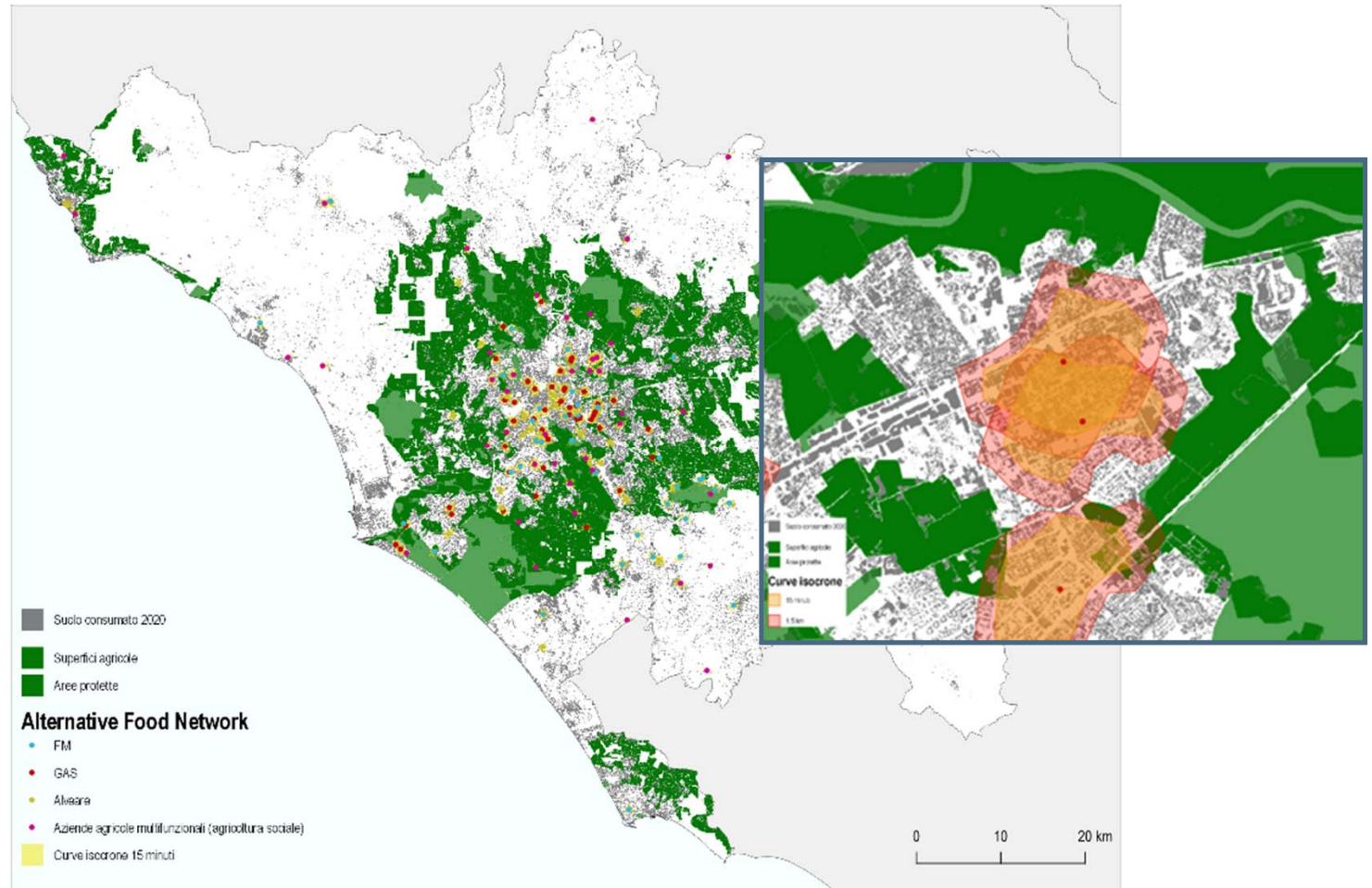
The areas that can be reached according to distance (1.5km) and travel time (15 minutes on foot) have been mapped using ISOCRONE CURVES.



Area served within 15 minutes *

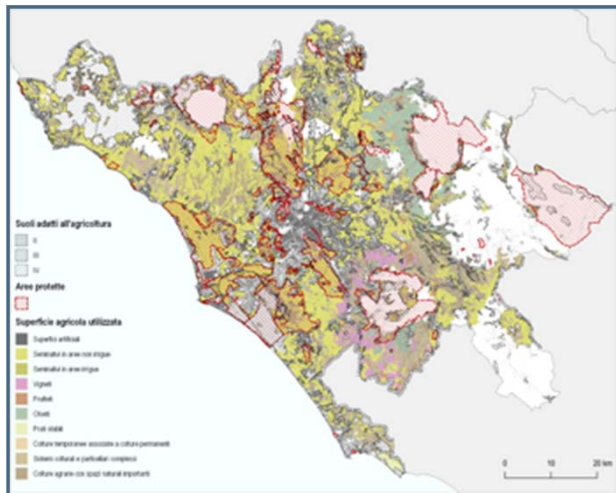
1% of the park area

7.3% of the urban and suburban area



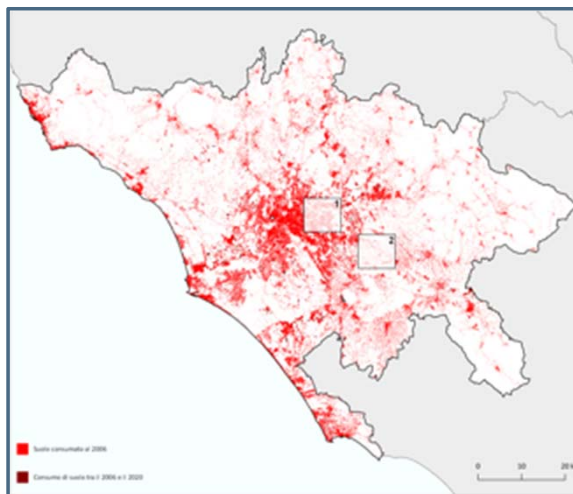
A proposal for the definition of Urban Agricultural Parks

Mappa delle aree agricole ad elevato valore produttivo



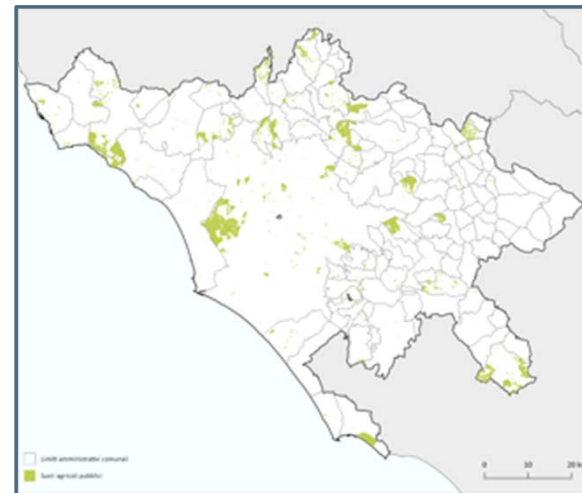
Ns. elaborazione su dati CLC 2018, Land Capability ARSIAL 2019

Carta del suolo consumato



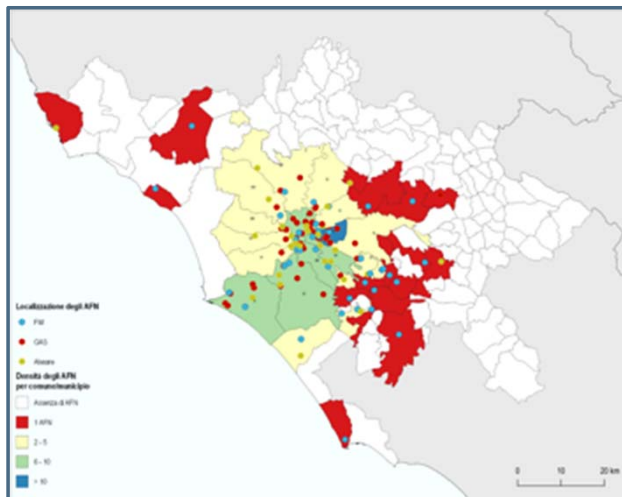
ISPRA – SNPA 2021

Mappa dei terreni agricoli di proprietà pubblica



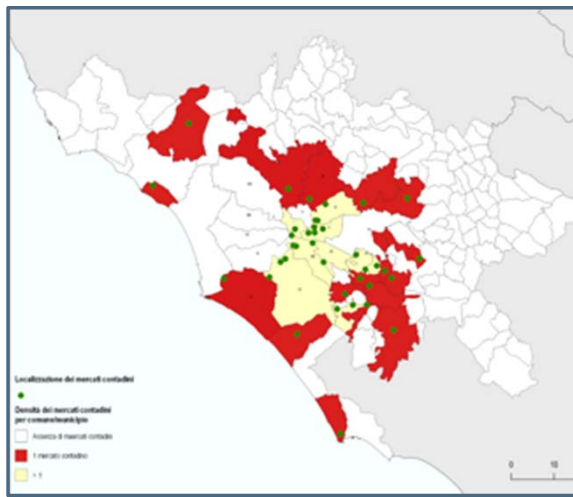
Ministero dell'Economia e delle Finanze

Mappa dei punti vendita e distribuzione degli A.F.N.



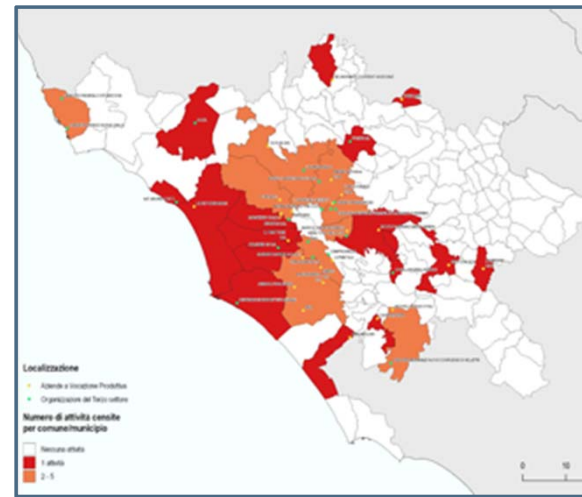
Ns. elaborazione su ARSIAL – Regione Lazio, RESS Roma e Alveare che Dice Sì!

Mappa dei mercati contadini



Ns. elaborazione su ARSIAL – Regione Lazio

Aziende agricole ed Enti del terzo settore



Ns. elaborazione e aggiornamento dati ARSIAL – Regione Lazio

Farm multifunctionality and services to urban populations

Service category	Types of goods and services offered by companies in the peri-urban area	Key facts
Agritourism services	<ul style="list-style-type: none"> Accommodation, Catering Tasting of food and wine products Recreational playful activities (Horse riding, trekking, etc.) 	<p>96 agritourism structures (Istat, 2019), of which:</p> <ul style="list-style-type: none"> 58 offer accommodation 64 catering services 25 tasting of products 55 recreational recreational activities
Services of social interest	<ul style="list-style-type: none"> Job placement projects Professional training Rehabilitation and treatment paths Reception for minors and families Collaboration with research institutions Erasmus programs and for foreign students 	<p>Capodarco Agriculture, workshops for the mentally and mentally disabled</p> <ul style="list-style-type: none"> Barikamà Social Cooperative, job placement projects for migrants and people with Asperger's syndrome La Nuova Arca Social Cooperative, A.G.R.I. - L.A.B., Reception of Mother-Child Nuclei; Cooperative Garibaldi, job placement for adults with autism path "After Us" CSA Community Seeds
Food production and supply	<ul style="list-style-type: none"> Fresh and processed products; Products from organic A. Products with quality certifications (DOP, IGT, IGP, DOC). 	<ul style="list-style-type: none"> 6,546 farms (Istat, 2010) 133 certified organic companies (Istat, 2010) 47 products deriving from organic farming among the horticultural, fruit, wine and olive growing sectors (44 only in the municipality of Rome, the remaining in the municipality of Grottaferrata) 3 DOP, 2 IGP: Artichoke Romanesco of Lazio IGP, Kiwi Latina IGP, 2 DOC: Cannellino di Frascati DOC, Frascati Superiore DOC
Marketing	<ul style="list-style-type: none"> Direct sale to companies Participation in farmers' markets Inclusion in the Alternative Food Networks circuits 	<ul style="list-style-type: none"> 24% farms with direct sales 29 farmers' markets 61 Solidarity Purchase Groups

Conclusions

THE AGRICULTURAL PARK AS A FOOD POLICY TOOL (Food Plan):

- ENHANCE and ENHANCE the role of multifunctional peri-urban agriculture in terms of environmental, social and economic services offered to residents of urban areas;
- STOP environmental degradation due to constant settlement pressure which tends to fragment natural areas and saturate precious urban "voids";
- PROTECT the soil and combat its consumption
- CONNECT the protected natural areas, present in a widespread manner around the dense urban core
- CREATE a competitive structure in the local economic system