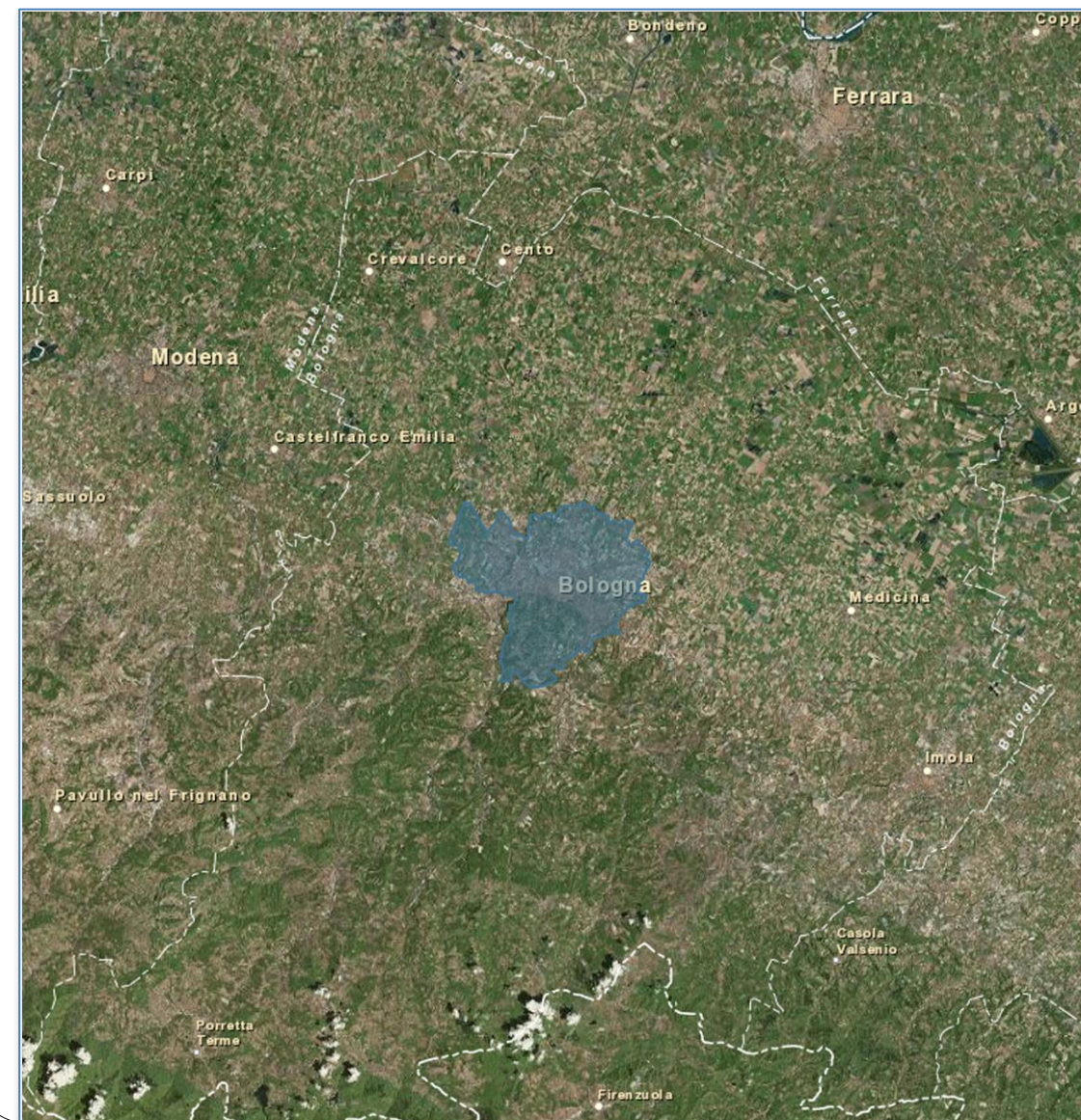


Territorial context



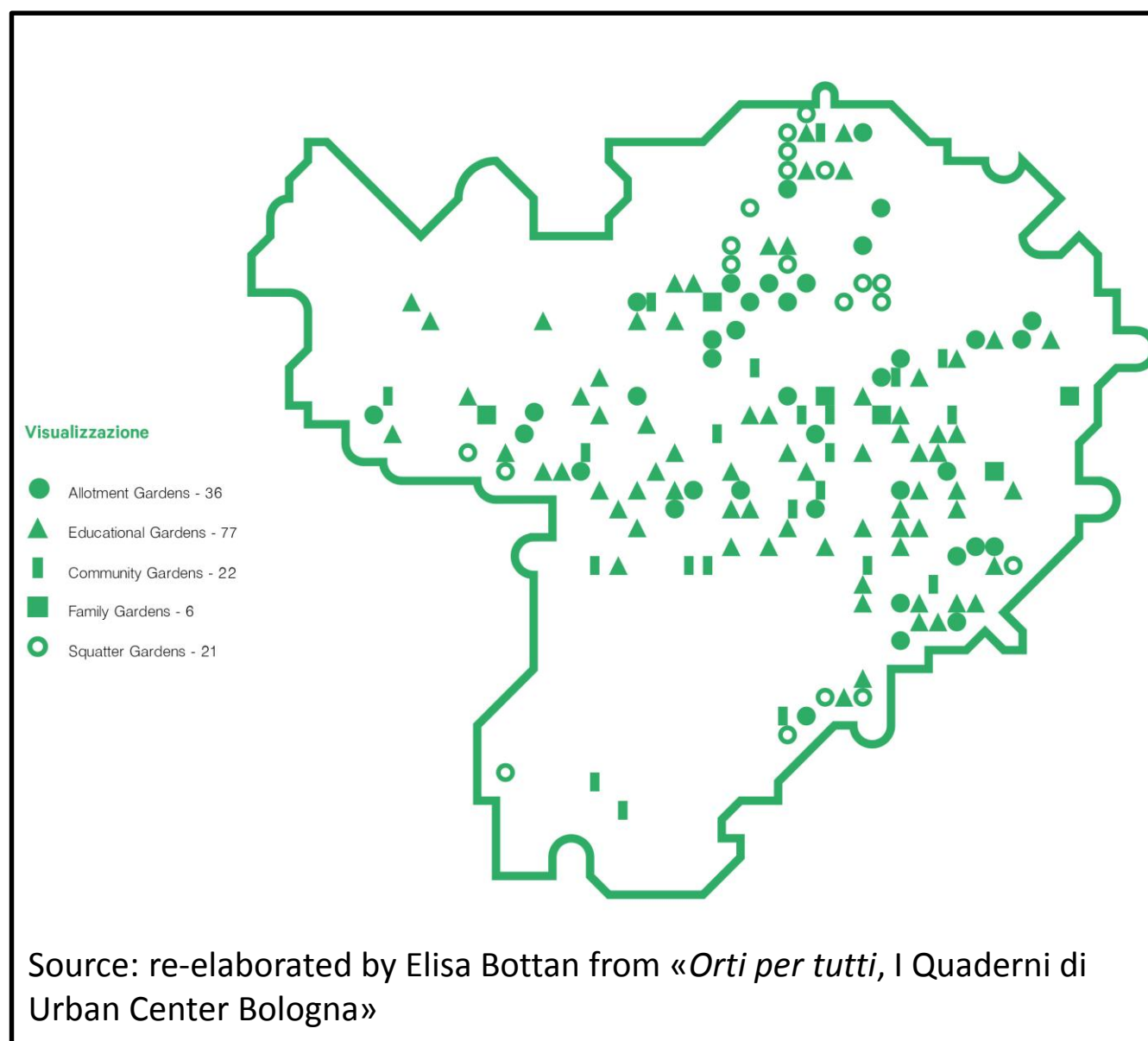
Population:
386 298 (2015) inhabitants
Surface:
140,86 km²
Utilized agricultural area:
266 ha

Spatial Planning/history phenomenon



Levels Regional	Provincial	Municipalities
1960		
1970 First Regional Planning Act (L.R. 47/1978)		The Urban Development Plan (PRG, 1970) protects the hills of Bologna from building speculation
1980		The Urban Development Plan (PRG, 1985) restricts the urban sprawl in rural zones and enhances urban renewal
		The Municipality approves the program of social allotment gardens reserved for old people, with the aims of creating opportunity for interaction and promoting healthy activity in freetime.
1990 Second Regional Planning Act (L.R. 6/1995)		
2000 The Regional Planning Act (L.R. 20/2000) defines a new planning system in three levels (Regional, provincial, municipal). It also recognizes different types of rural zones.	The Provincial Council approves the «Guidelines for the government of the transformations in rural areas», provincial, municipal). It also recognizes different types of rural zones.	The Municipality draws up new city plans. The Structural Plan (PSC) defines boundaries and rules for the rural areas.
2010 and after		Bologna becomes «City of Allotments». Municipality and others associations organize many events about this theme.

Urban Agriculture Types



Farming level

Local food farms:

Quantitative: 225 local food farms, 19 DOC or IGP production, 15 farmers' markets, 4 GAS
Qualitative: consolidated

Leisure farms:

Quantitative: 1 equestrian centers, 8 agrotourism
Qualitative: stable

Agri-environmental farms:

Quantitative: 12 Companies that own equipment producing renewable energy
Qualitative: expanding

Social farms:

Quantitative: 2 didactic farms, 77 school vegetable gardens
Qualitative: expanding

Gardening level

Allotment gardens

Quantitative: 20 municipal allotments gardens (2711 lots), 65 other types of allotments gardens (13 ha)
Qualitative: expanding

Community gardens

Quantitative: 6 community gardens
Qualitative: expanding

Urban agriculture is a major reality in the city of Bologna.

The first cases of urban agriculture in the city date back to the 80s; the first experiences gradually spread across the municipal territory and constituted the basis for the creation of a network.

Nowadays urban agriculture in Bologna is represented mostly by public allotment gardens, with more than 2,700 plots, and by educational gardens.

Municipality has a strong role of promotion, as demonstrated by the recent architectural contest «Orti per tutti», that was an important occasion for improving a public debate about agriculture and its role in the city.

Orti comunali

Types: Allotment gardens
Year: 1980 (someone even after WW2)
ha : 160,780 mq divided in 20 areas in many quarters
Promoter: Municipality of Bologna
Actors: 2652 citizens
Functions: social, recreational and environmental



100x100 CAAB

Types: Allotment gardens
Year: 2013
ha : 1,000 mq
Promoter: CAAB (Agriculture and Food Centre of Bologna), University of Bologna, AUSL Bologna (local health-service corporation)
Actors: 100 young people and family
Functions: social, recreational and environmental



Orti per tutti

Types: Allotment gardens
Year: 2014 (contest), 2015 (underway)
ha: Giardino via Pinardi (20,370 mq); Parco via Larga (20,331 mq); Giardino Impastato (7,179 mq)
Promoter: Municipality of Bologna, "Villa Ghigi Foundation"
Actors: Architects, agronomist and designers involved in the project teams
Functions: social, cultural and environmental



GreenHousing

Types: Community gardens
Year: 2011
ha: vegetables and aromatic plants by an hydroponic system on the roof of a social housing building
Promoter: Municipality of Bologna, "Horticity" ass., "BiodiverCity" ass., University of Bologna, Acer (Emilia Romagna Housing Agency), Emilia Romagna Region
Actors: inhabitants
Functions: social, environmental and recreational



Parco città-campagna

Types: Local food + Farms
Year: 2013
ha: 60 ha of cultivated land
Promoter: Emilia Romagna Region, Province of Bologna, Municipality of Anzola dell'Emilia, Bologna, Casalecchio di Reno, Crespellano, Zola Pedrosa, "Villa Ghigi Foundation"
Actors: citizens, members of "Arvaia" association
Functions: cultural, environmental and recreational



Arvaia coop Km 0

Types: Local food + Farms
Year: 2013
ha: many plots cultivated by company members
Promoter: "Arvaia" (a cooperative company of citizens, cultivators)
Actors: company members
Functions: cultural, educational, social, environmental and recreational



Orto dei Giusti

Types: Social farms
Year: 2009
ha: 10 ha in Bologna's hills
Promoter: private (Syusy Blady – Italian TV celeb)
Actors: every person or group who want to make experience of farming in a green and cultural location
Functions: cultural, social, environmental and recreational

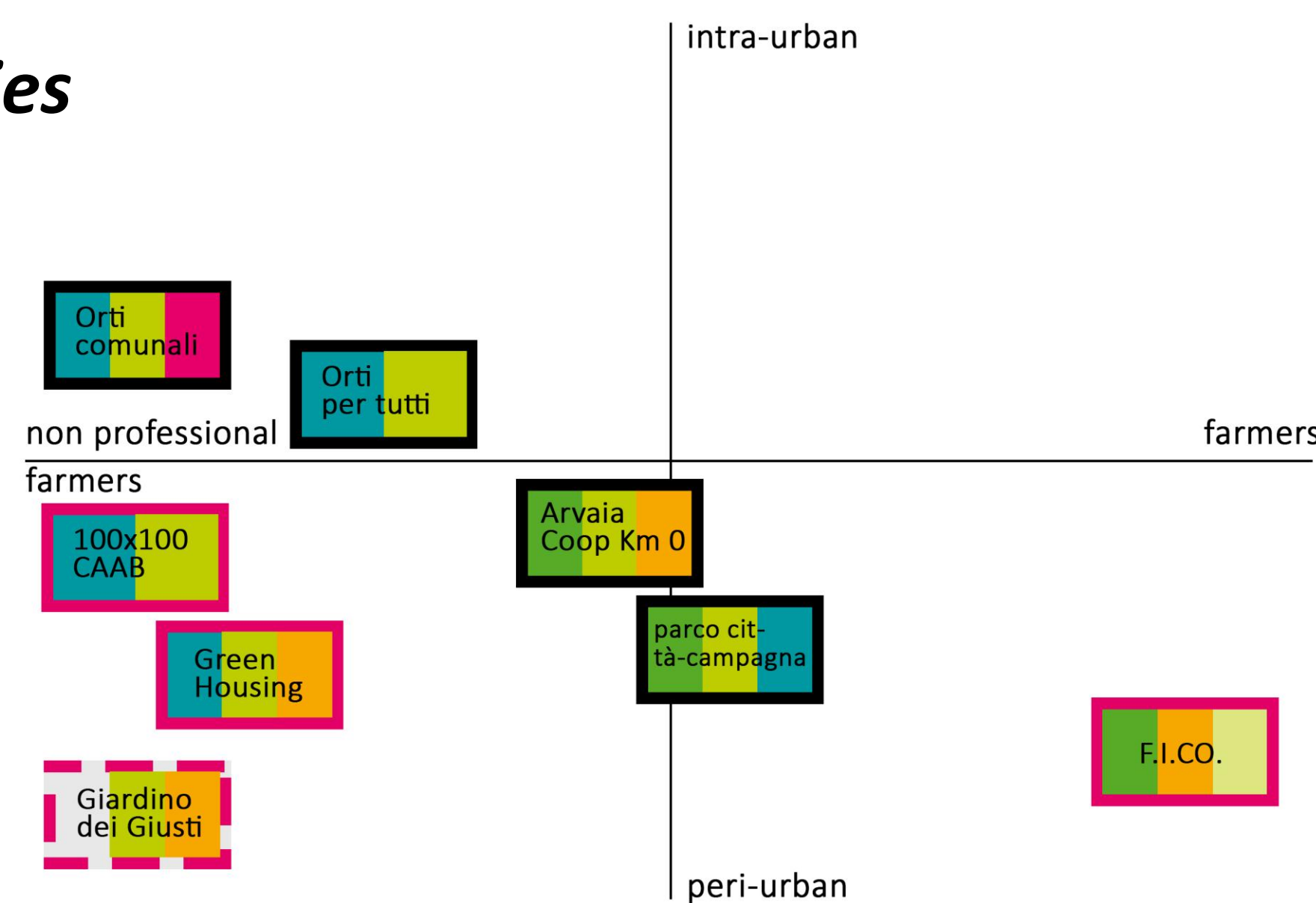


F.I.CO.

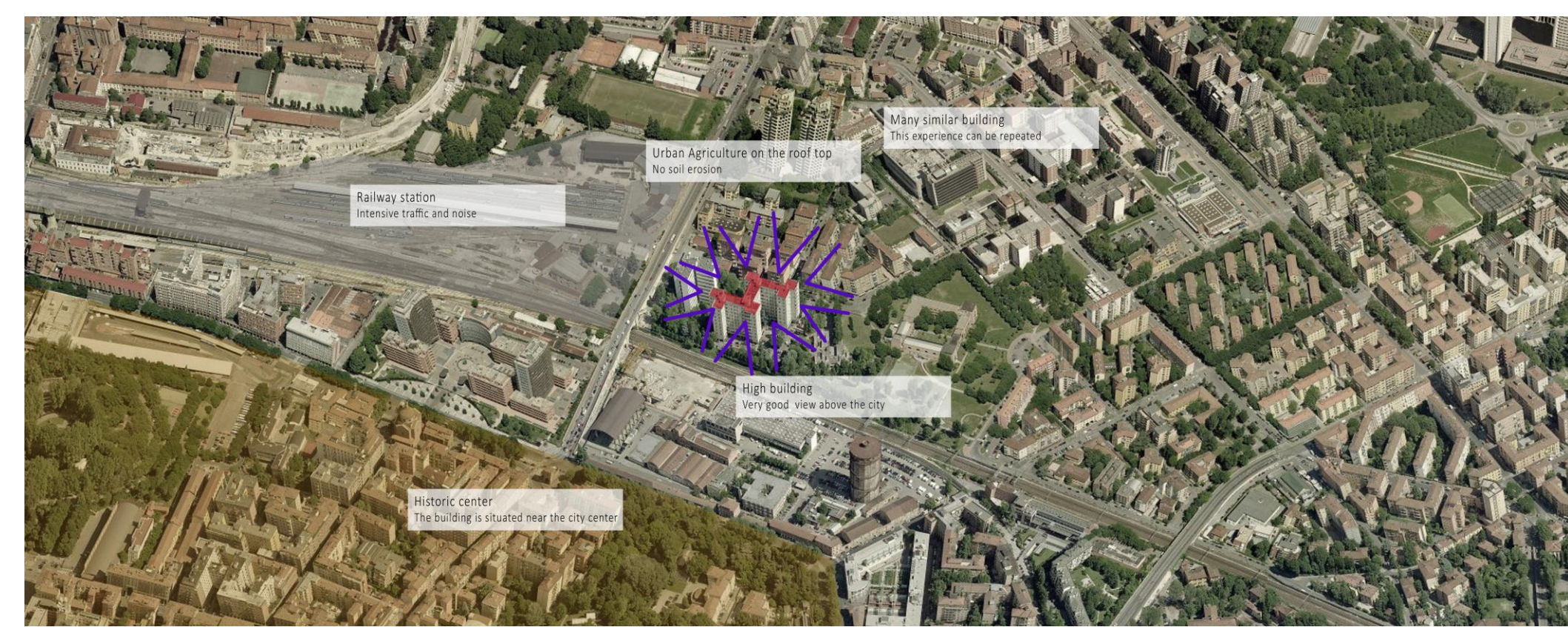
Types: Cultural heritage farms
Year: project (the park will open in the Autumn of 2015)
ha: 80,000 mq in the CAAB area
Promoter: CAAB (Agriculture and Food Centre of Bologna), Eataly, Coop Adriatica
Actors: visitors, farmers and artisans
Functions: cultural, educational, social and recreational



Actors and Public Policies

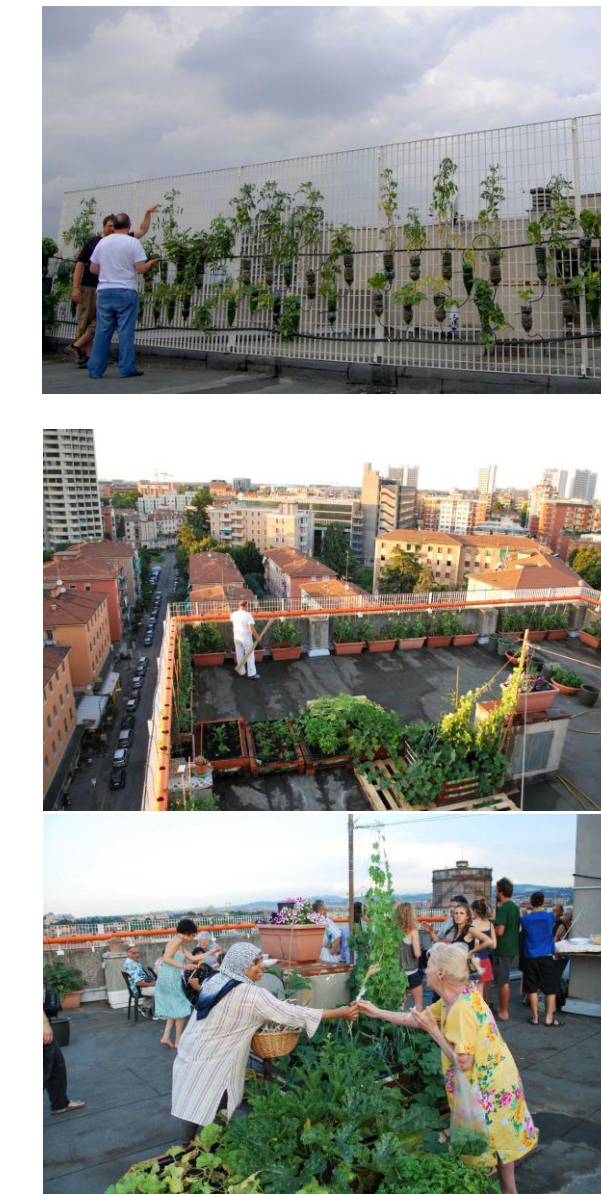


Spatial effects – GreenHousing



Name: Green Housing
Situation: Bologna (Italy)
Location / Address: Via Garibaldi
Climate zone (IPC, 2006): cold wet winter, hot summer (Continental)
Type WG1: Vertical gardens/food top gardens
Pattern: concentrated
Planning / land use classification: Social Housing Building
Implementation / history: 2011
Products: vegetables and aromatic plants
Activities: Cultivation by an hydroponic system
Distance / Connections to city center: 1.5 km to Piazza Maggiore
Market: People living in the building cultivate and consume the products
Actors involved: inhabitants of the building

Cultural value / services: Create integration among different cultures and customs.
Environmental value / services: No soil erosion
Social value / services: The inhabitants have been involved in a "social mediation process" with an integration purpose
Educational value: People learn to cultivate vegetables by an innovative system
Recreational value: People living in the block socialize with their neighbours



Spatial effects - Parco città-campagna



Name: Parco Città Campagna
Situation: Bologna (Italy)
Location / Address: Via Olmetta
Climate zone (IPC, 2006): cold wet winter, hot summer (Continental)
Type WG1: Local food + Farms
Pattern: concentrated
Planning / land use classification: Agricultural area interesting by landscape (municipal PSC). The park is established in accordance with regional planning act (law n°20, 24/03/2000)
Implementation / history: 2013
Products: Vegetables, fruit, flowers, ...
Activities: Cultivation by innovative and biological systems
Distance / Connections to city center: 7 km to Piazza Maggiore

Market: the factory farms sell their product both in the global trade and in a local market in Villa Benvenuti (Borgo Panigale)
Actors involved: citizens, members of "Arvaia" association
Cultural value / services: Preservation of the rural local features of architecture and agriculture
Environmental value / services: Refurbishment and naturalistic enhancement of the area
Social value / services: The farmers create new social relations between them
Educational value: Establishment of paths and cycling itinerary which pass through the park area
Recreational value: Relaxation and physical exercises in country paths
Positively influence on diets



Spatial effects – F.I.CO.



Name: F.I.CO. Fabbrica Italiana Contrasti
Situation: Bologna (Italy)
Location / Address: Ex CAAB (Agriculture and Food Centre of Bologna) area, San Donato quarter
Climate zone (IPC, 2006): cold wet winter, hot summer (Continental)
Type WG2: Cultural heritage
Pattern: concentrated
Planning / land use classification: Urban regeneration
Implementation / history: project (the park will open in the Autumn of 2015)
Products / Activities: The park will reproduce some different agriculture food chains, and visitors will experience them, from cultivation to food production

Distance / Connections to city center: 5.8 km to Piazza Maggiore
Market: F.I.CO. will sell its own products together with the best Italian food products (Eataly philosophy)
Actors involved: visitors, farmers and artisans
Cultural value / services: Promote Italian agriculture heritage and traditions to the world
Environmental value / services: Reuse of the CAAB settlement (that is a great abandoned market and industrial area)
Social value / services: The park will become a big relationship place for citizens and tourists
Educational value: Tourists will be involved in the agrarian process and they will learn how food is produced

Recreational value: F.I.CO. will attract a lot of tourists. It will become also a thematic park where people will spend their spare time

