Turin-Oslo
Metropolitan governance in Spatial and Strategic planning

making use of the ESPON SPIMA project through group exchange

24 ottobre 2019 - Sala Consiglieri, Via Maria Vittoria 12, Torino

City of None: an example of sustainable local planning against soil consumption

arch. Eros Primo
Comune di None

TORINO METROPOLI
Città metropolitana di Torino

Comune di None

25 km far from Turin

placed in the second belt of Turin

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surface area 24,66 kmq;

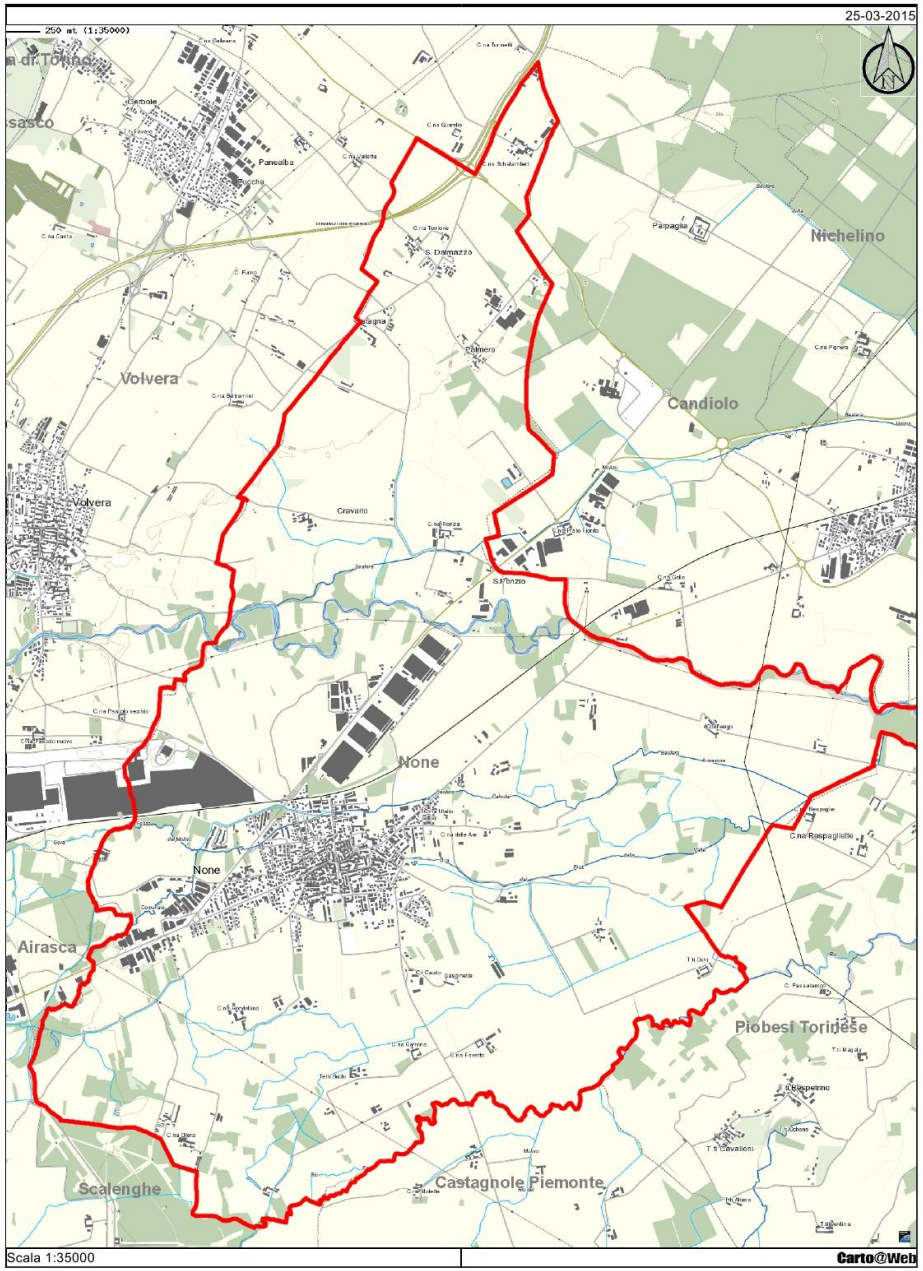
8009 inhab.

totally flat

two large industrial platforms
of the 60s

Intensive agriculture

low building quality



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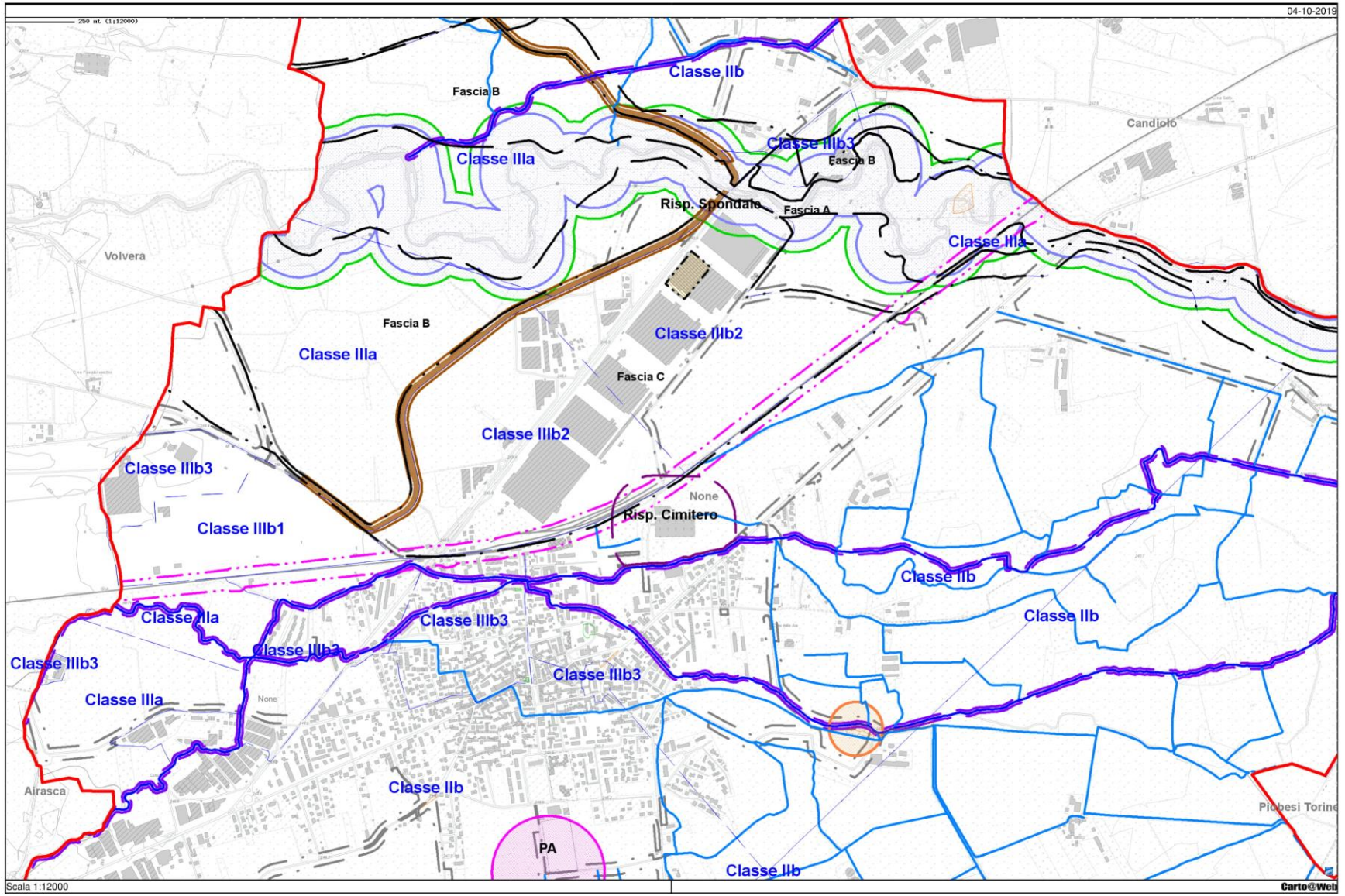
About 12 years of planning; one goal: improve environmental quality

The 2007 Variant to the PRGC concerned hydrogeological safety



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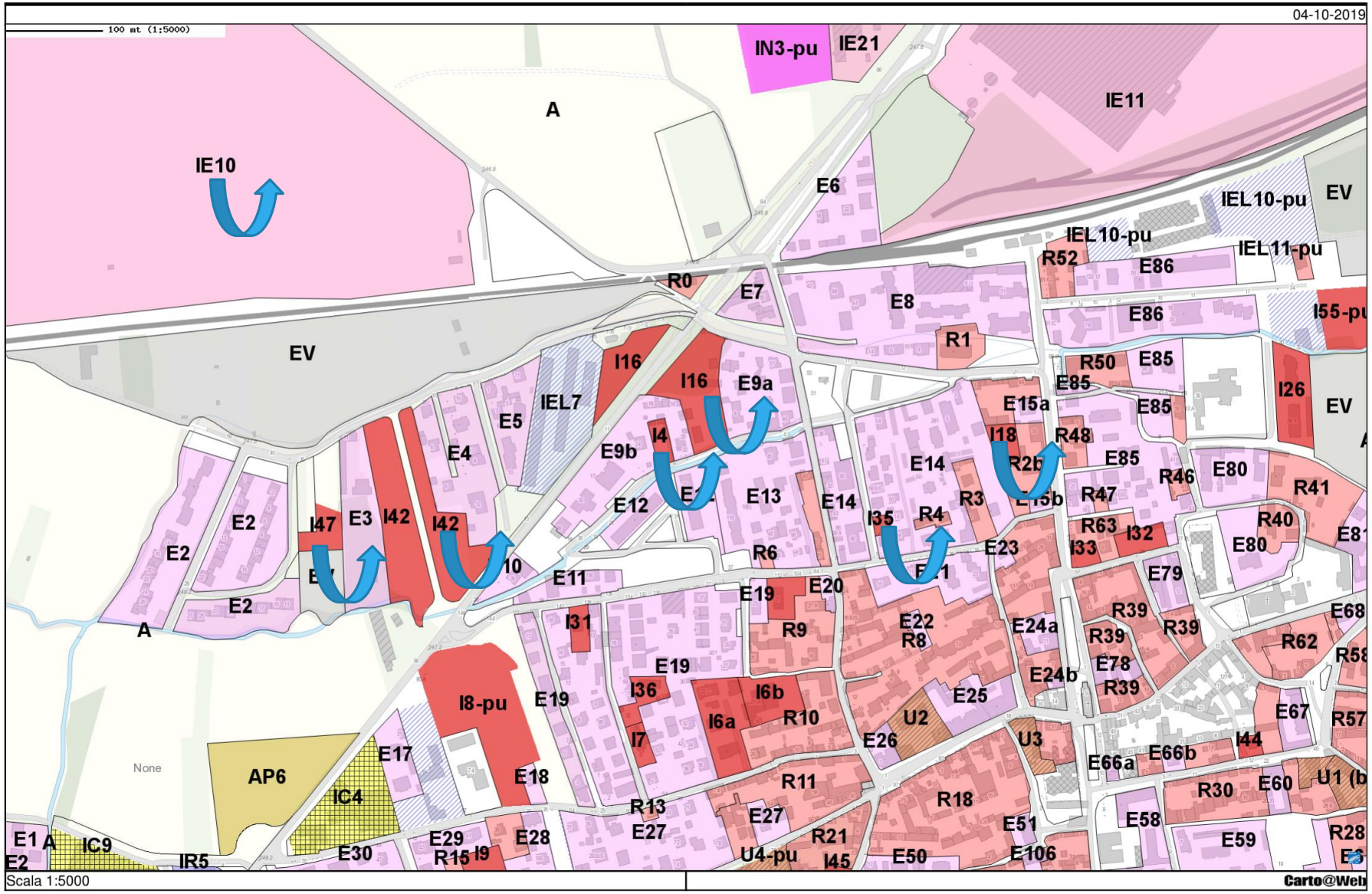
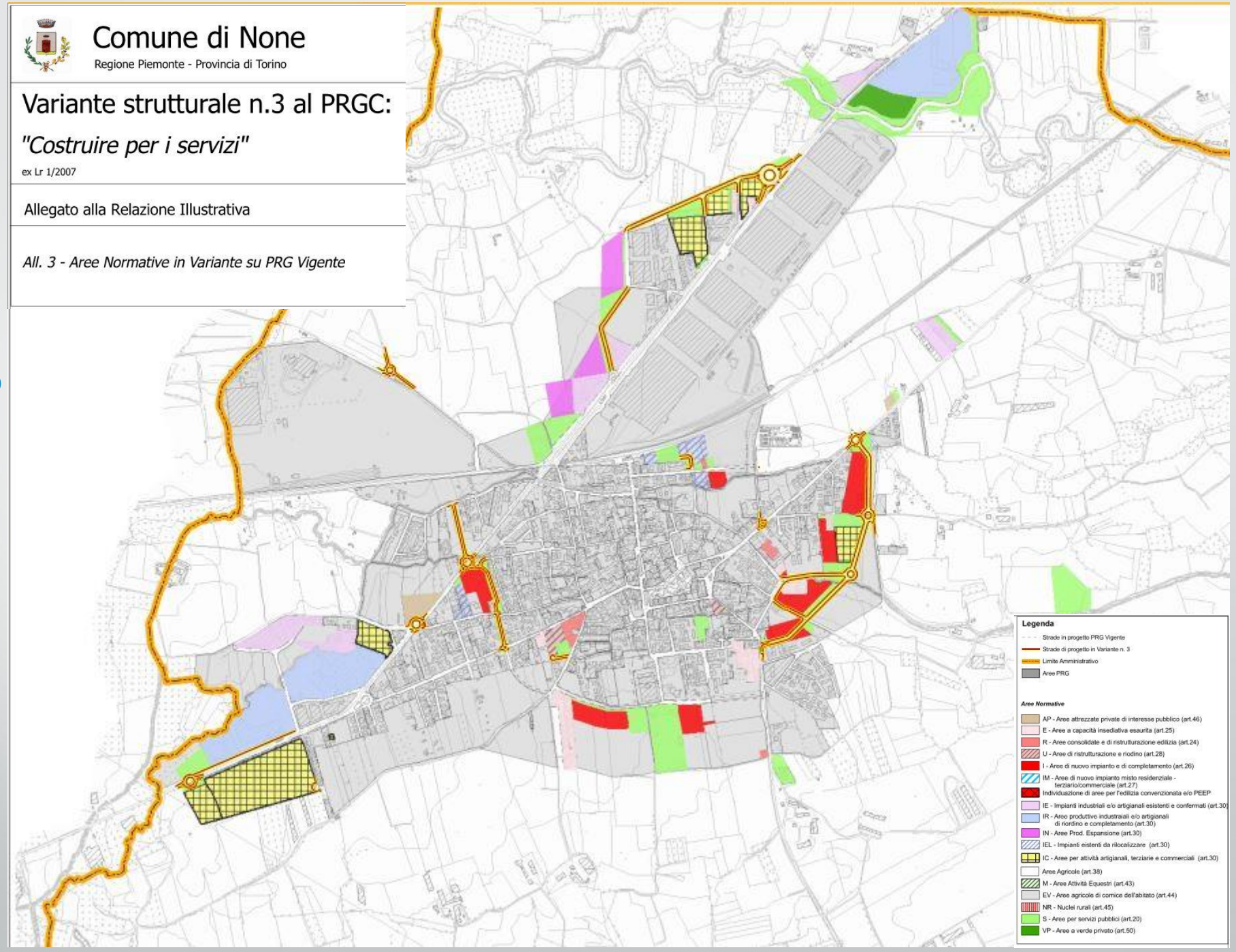
Areas to which building capacity was removed

Remain green private areas



Variant n. 3 - 2011

- Urban equalization to provide the city with missing services and infrastructures
- Co-planning experimentation



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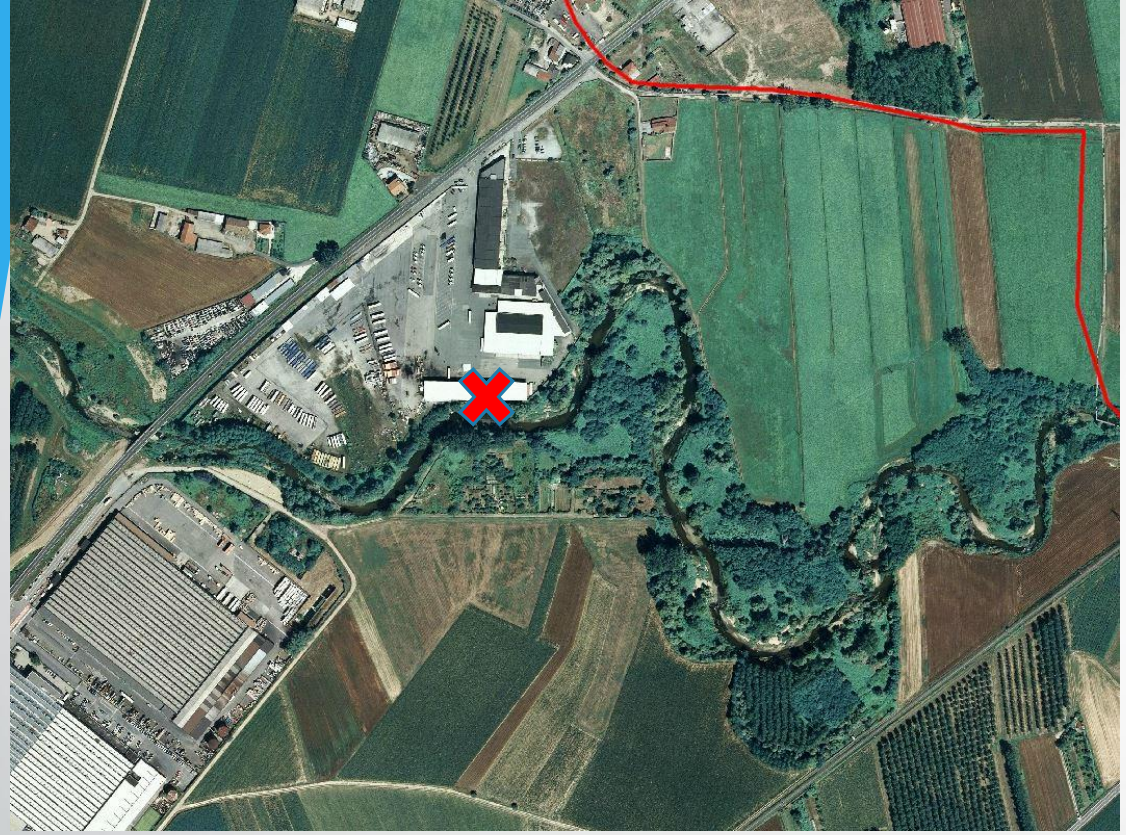

first: private abandoned area

after: public river park with cycle path

Through equalization, acquisition of green areas to public assets and demolition of improper buildings

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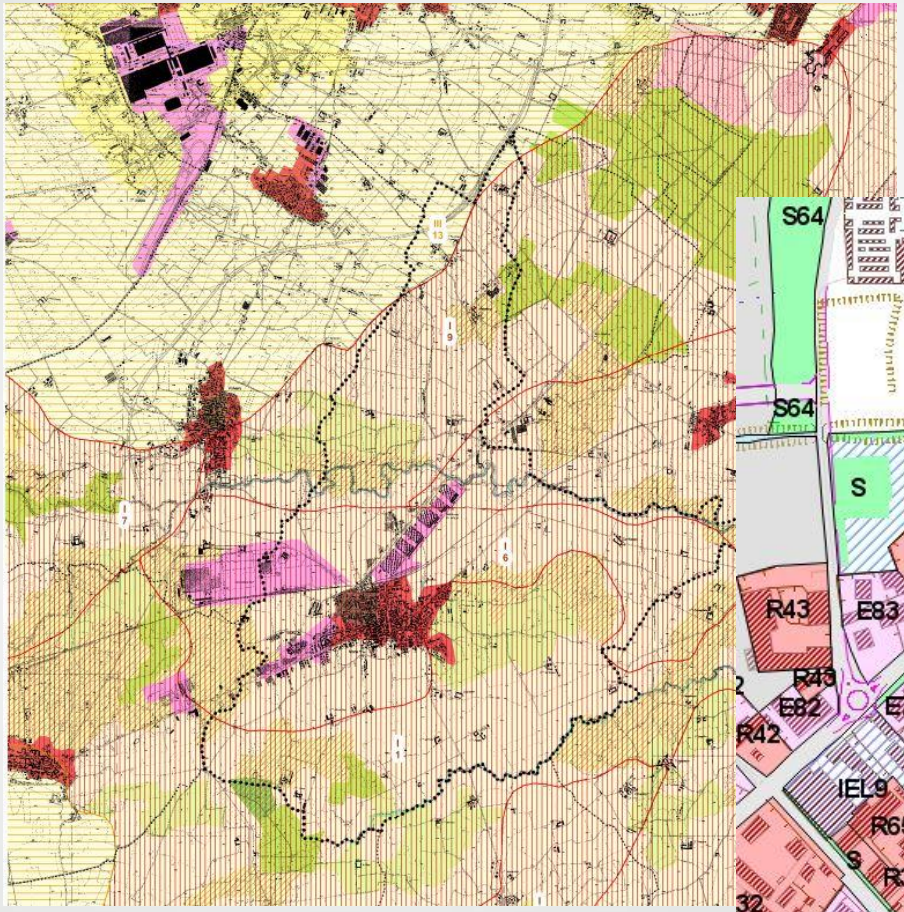
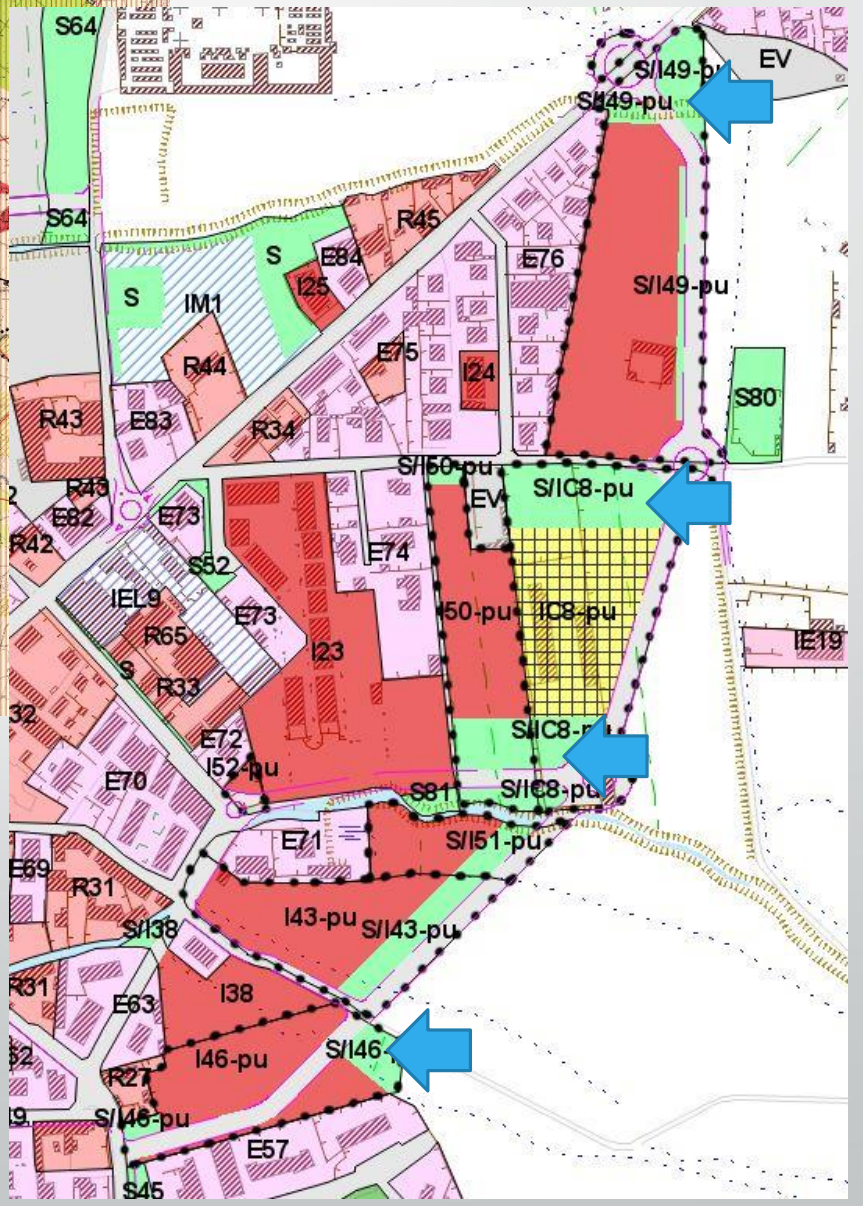
Strategic environmental assessment (V.A.S.) as a process inside planning

Each new area contains green mitigation surfaces

The set of green areas help to form an overall project



Corine Land



PRG extract

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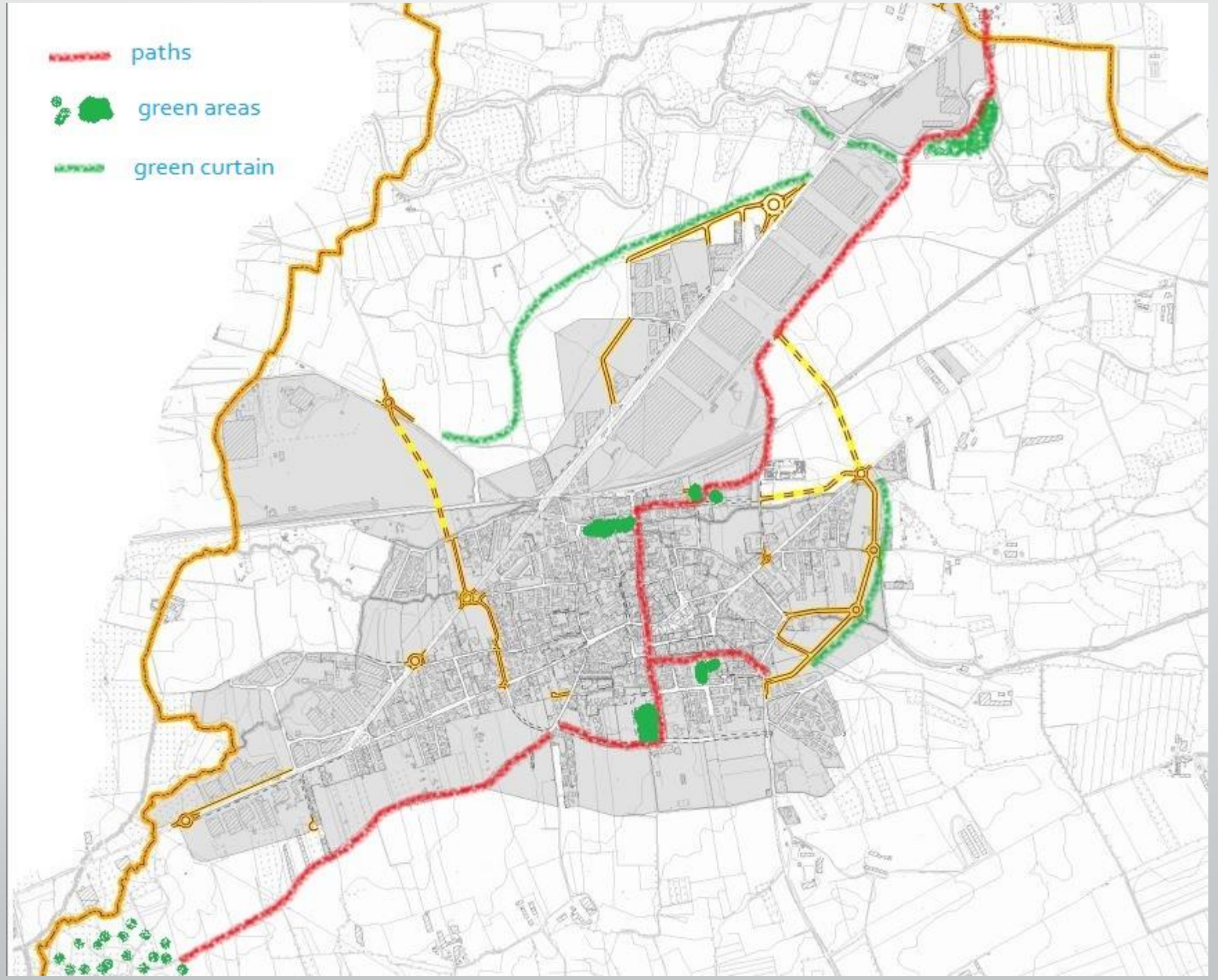
The overall project is planning according to the Corona Verde regional project: connecting public and natural green areas through pedestrian and cycle paths



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Variant n. 4 – 2017

Improve environmental quality through:

- Reduction of soil consumption
- Increase naturalness

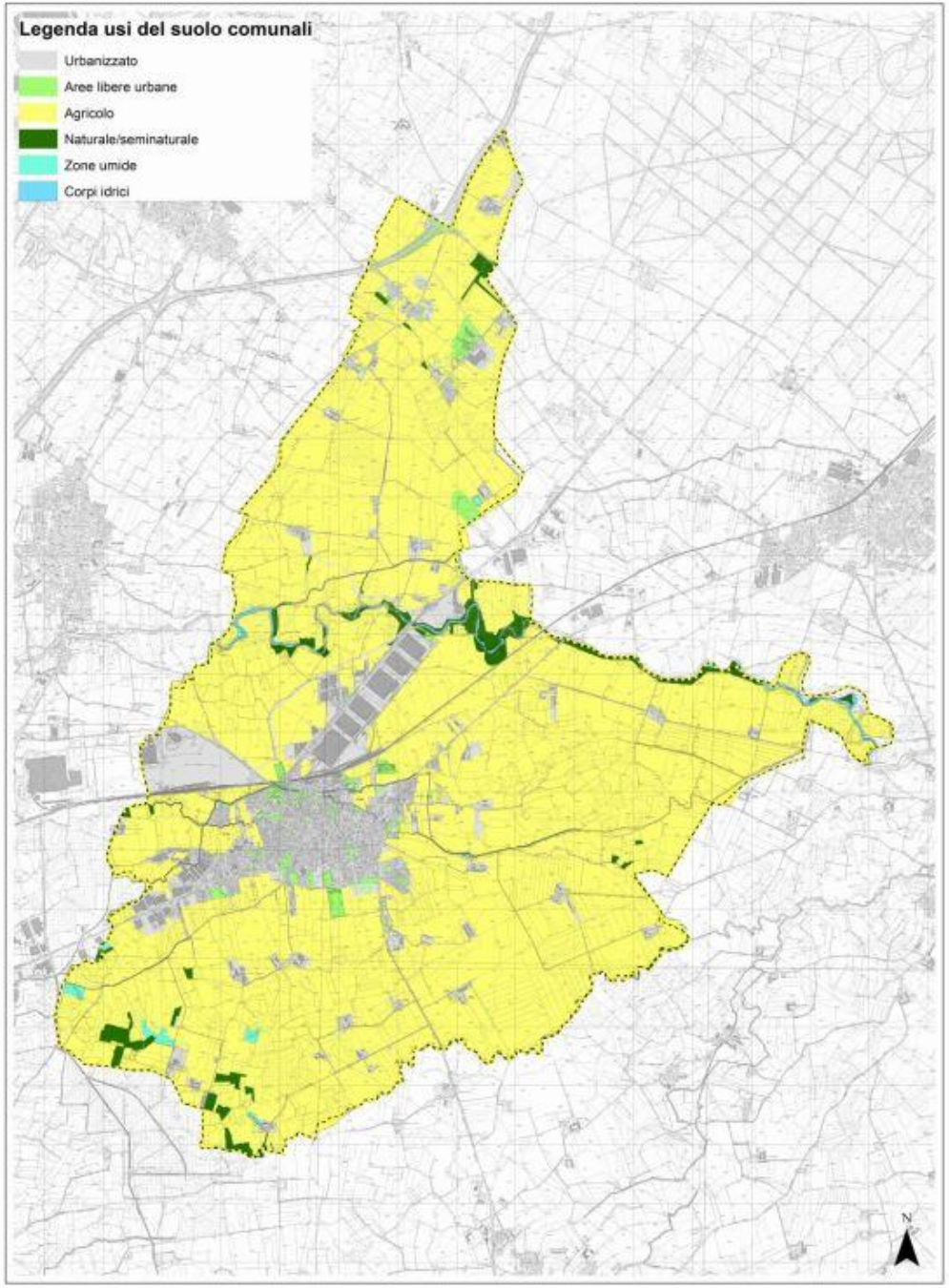


Figura | Spazializzazione degli usi e coperture del suolo di None.

LIFE SAM4 CP Project

contribute to the definition of good practices and operating methods of territorial and urban planning aimed at the good use of the land and the containment of its consumption

ecosystem assessment of soils integrated with municipal urban planning

develop a computer simulator that serves to highlight the urban planning choices that allow to limit the consumption of land and the consequent advantages in terms of protection of natural resources and public finances.

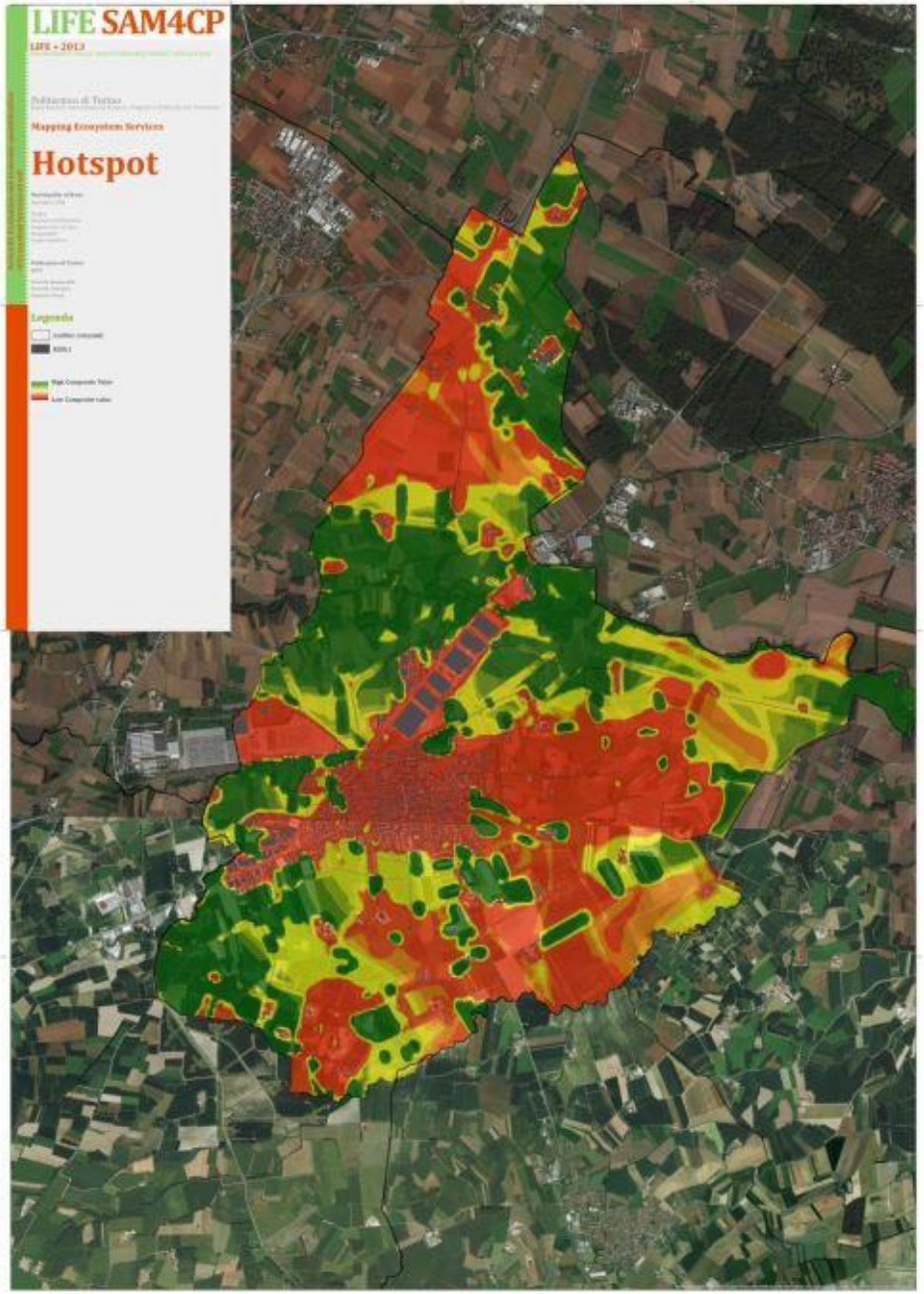
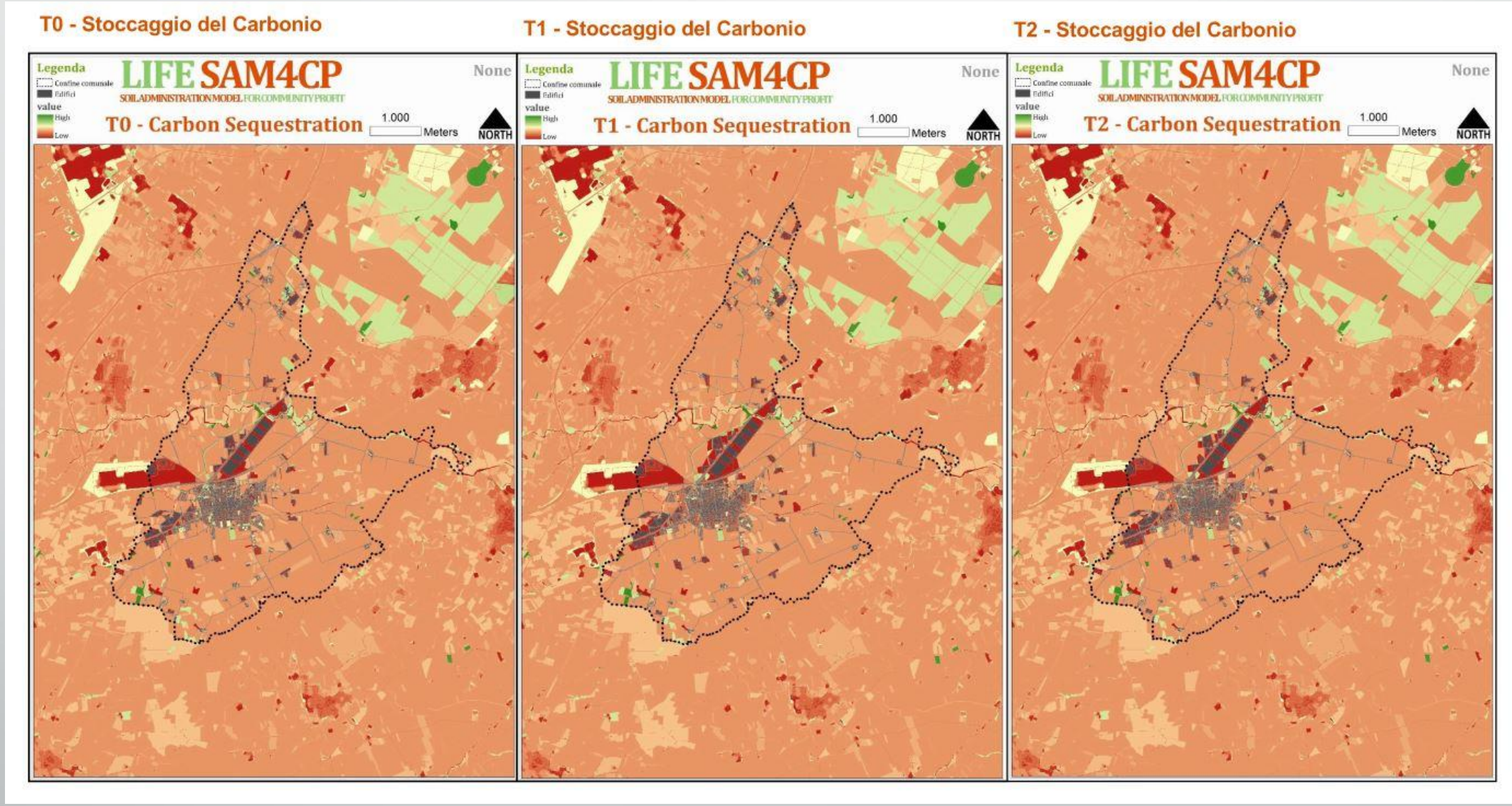


Figura – Hotspot Analysis

LIFE SAM4 CP Project: example of thematic paper ecosystem services (carbon sequestration)



t 0 = state of affairs

t 1 = planning in force

t 2 = variant planning

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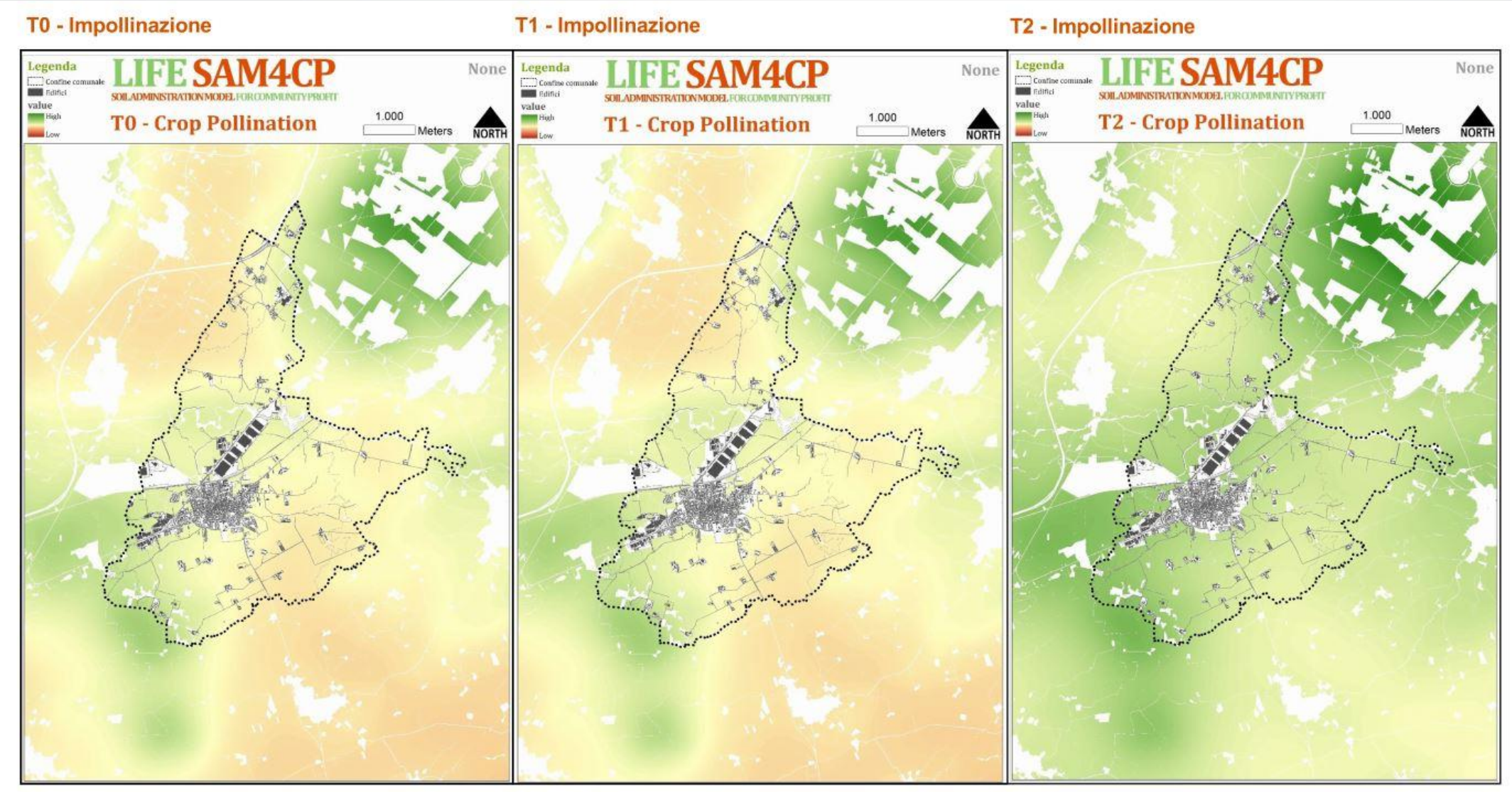
LIFE SAM4 CP Project: thematic paper ecosystem services (crop pollination)



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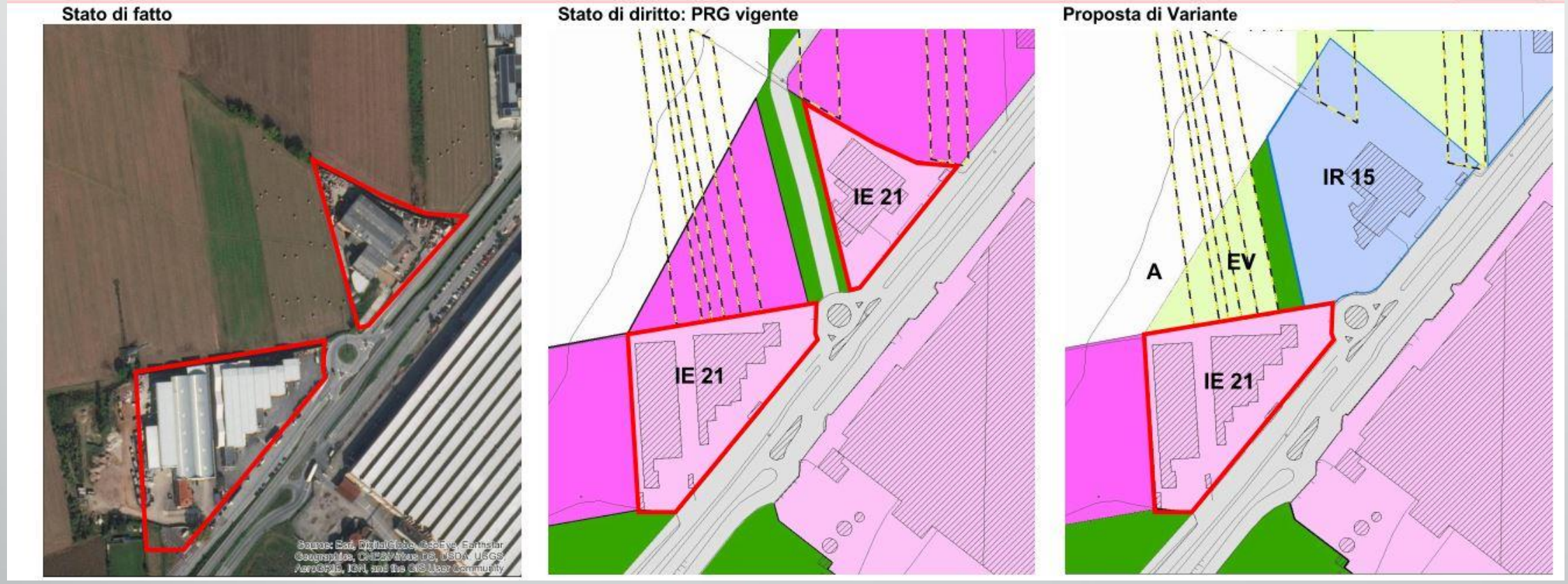
LIFE SAM4 CP Project:

The variant includes the retrocession for agricultural use of 120.496 square meters of land area. Of this surface, only 35.737 square meters are subject to a request for retrocession by private individuals



Recede without creating holes in urban planning! Example: care to the activities expansion

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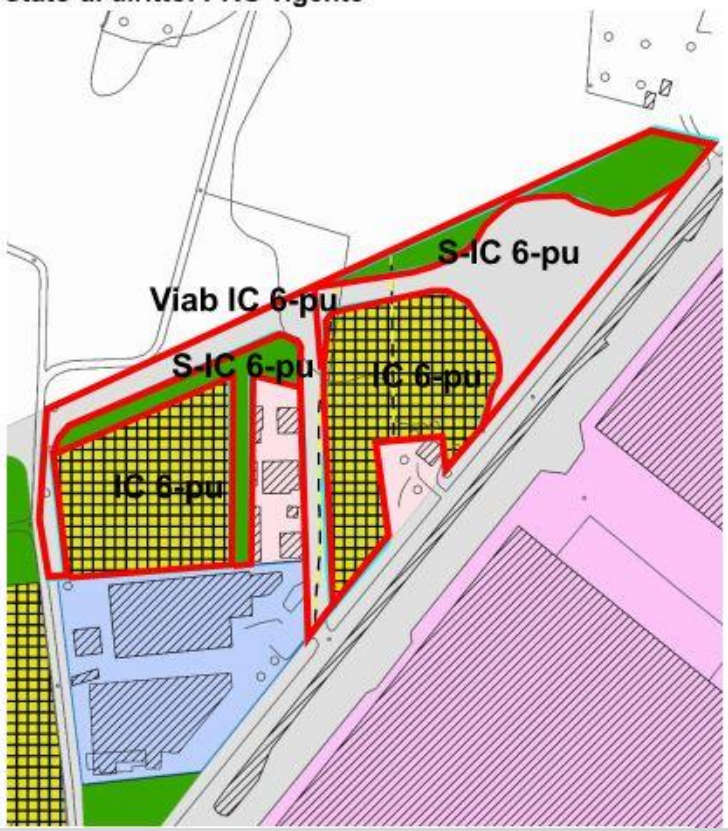
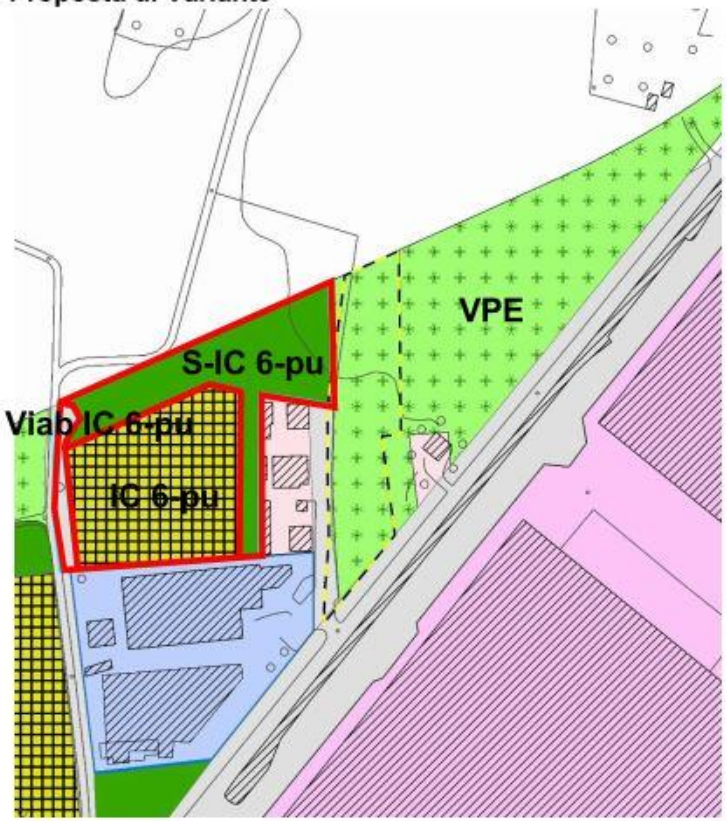
LIFE SAM4 CP Project:

Stato di fatto

Stato di diritto: PRG vigente



Proposta di Variante



Recede without creating holes in urban planning! Example: care to the road planning

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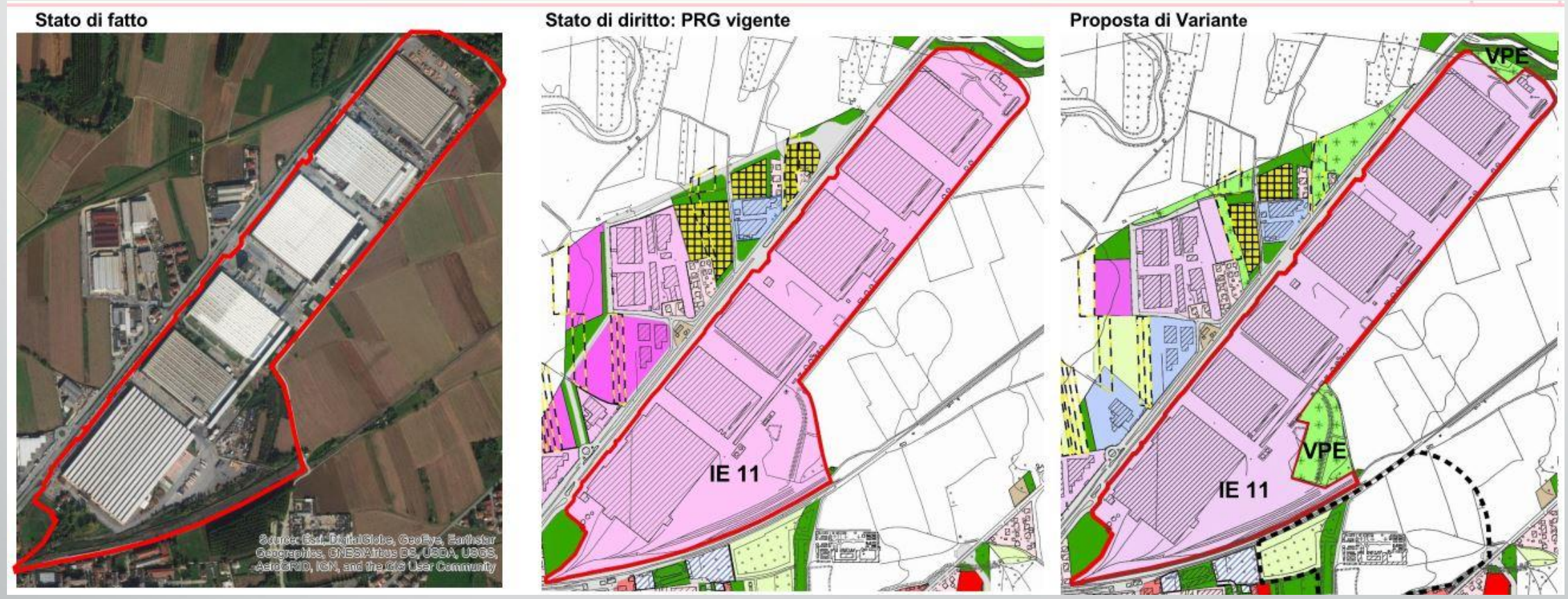
LIFE SAM4 CP Project:



Introduce areas of high naturalness.
Example: VPE areas to the edges of industrial platform has good ecosystem performance in carbon sequestration

LIFE SAM4 CP Project:

From building zones to

farmland

.....And from farmland intensive to:

Periurban Agricolture

EV Zones of Variant

Natural forest

VPE Zones of Variant

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THANKS FOR YOUR ATTENTION

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