



WIDESPREAD GREEN AND CONNECTIVITY: the recovery of an abandoned area and creation of a new inclusive public park. *The site of Giambellino 129*

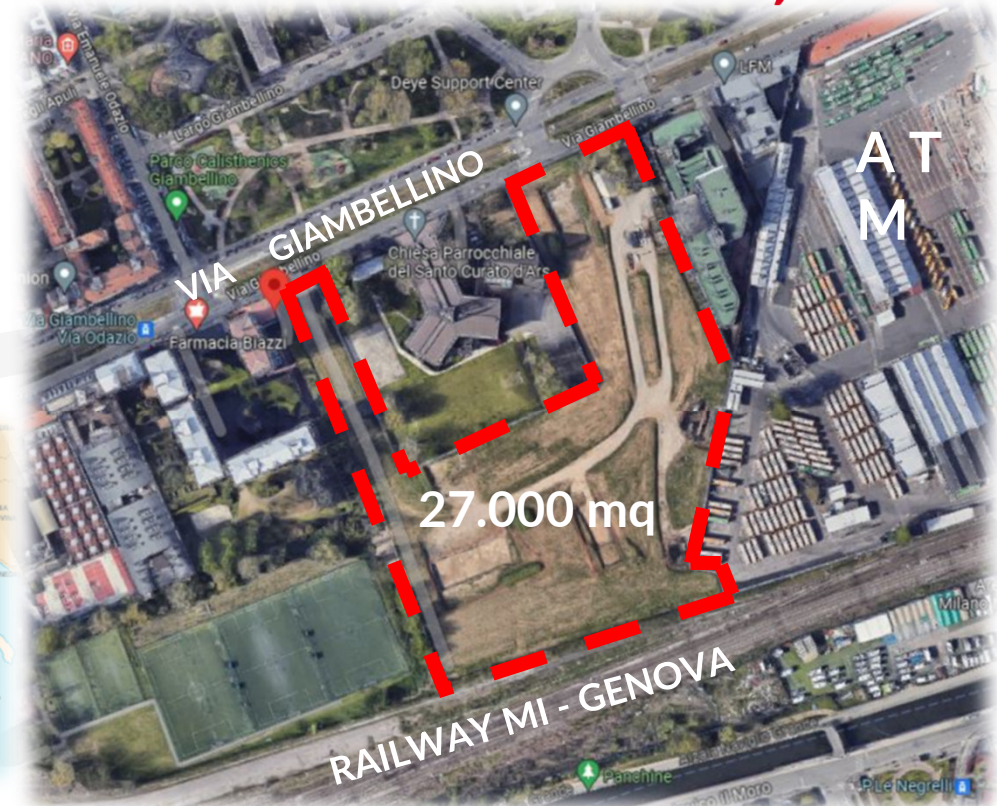
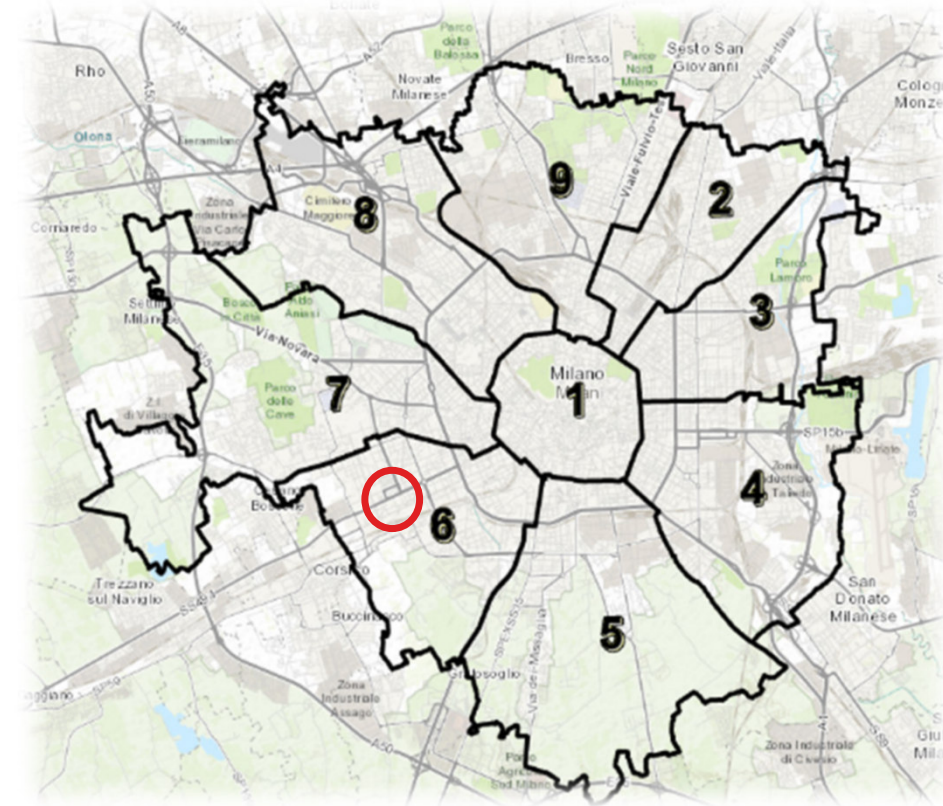
Per Filip Setterberg
Public Sector Project Officer
Green and Environment Department | City of Milan





UNIONE EUROPEA
Fondi Strutturali e di Investimento Europei

Localization: via Giambellino 129, Milan



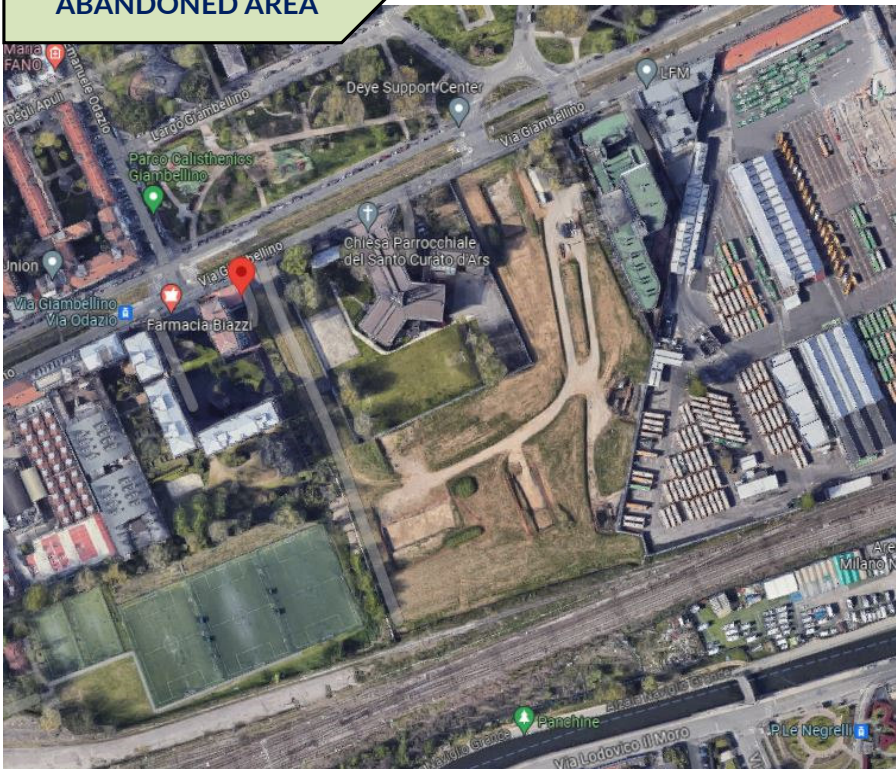
PON METRO - MI6.1.4.d5 - REMEDIATION AND NEW ENVIRONMENTAL FUNCTION

The project involves the creation of a new public park with a significant impact and characterization in terms of environmental and naturalistic landscape, also with the inclusion of new recreational functions, with social and educational value (shared gardens and vegetable gardens, spaces for educational activities), as well as the creation of special areas for inclusive play activities.

**I
T
E
M
S**



**RECOVERY OF
ABANDONED AREA**



Environmental Remediation

Over 30.000 mc clean certified soil



THE BUILDING SITE - DURING THE WORKS

| Economic value | Progr. year | Work progress | start | end |
|----------------|-------------|---------------|-----------|-----------|
| 3.500.000,00 € | 2019 | CONCLUDED | Gen. 2020 | Oct. 2022 |

RECOVERY OF
ABANDONED AREA



BEFORE CLEANUP

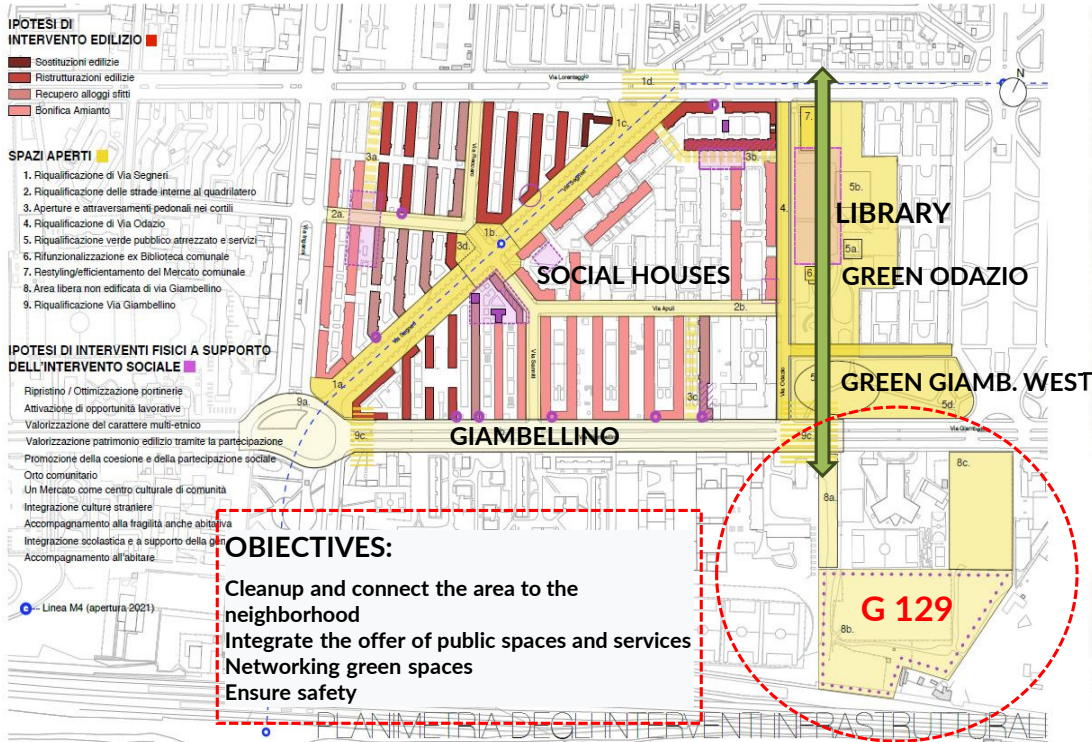
Environmental Remediation



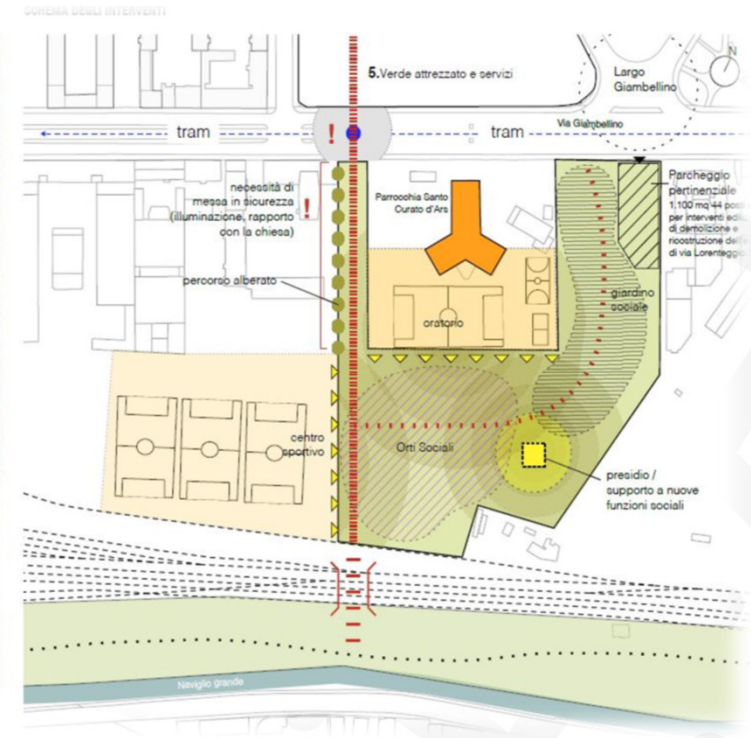
DURING CLEANUP

CONNECTION AND SYSTEM WITH THE GREEN CIRCUIT

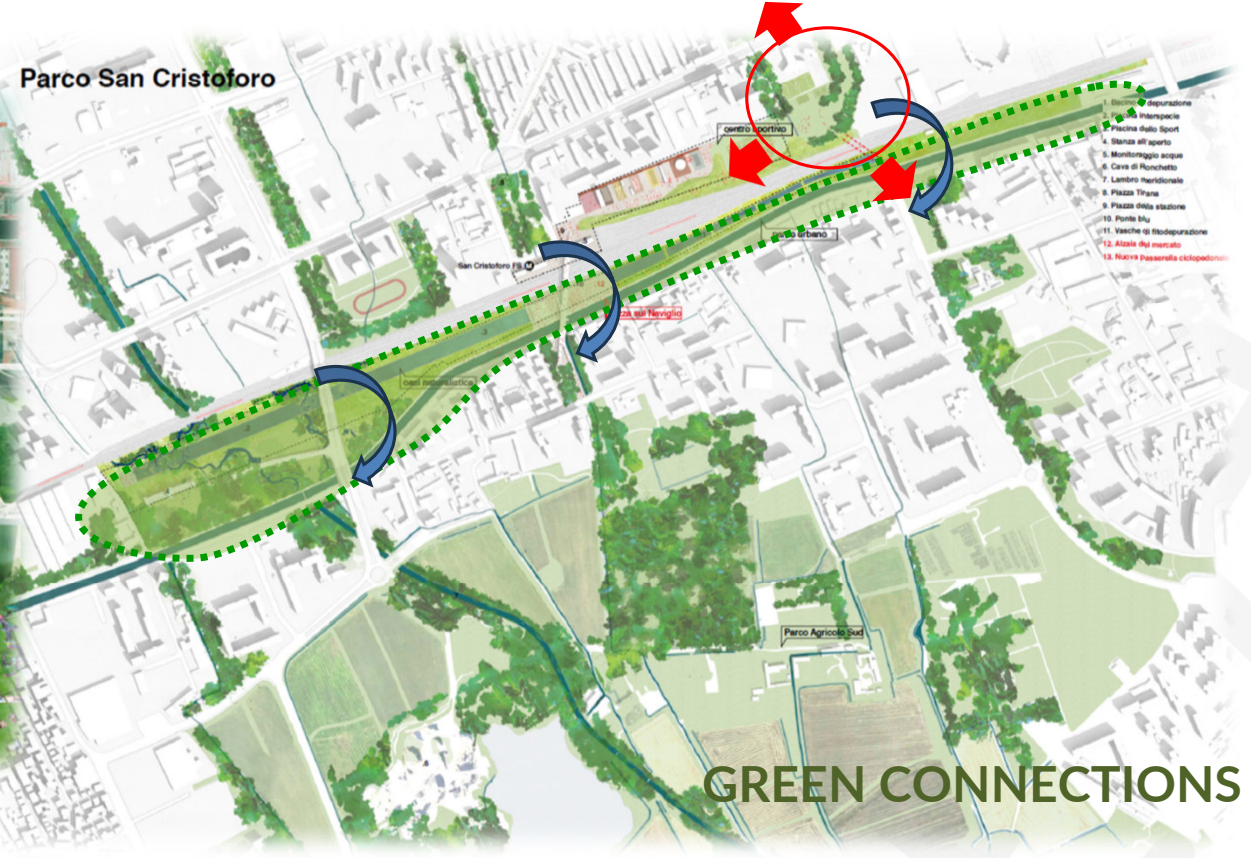
Lorenteggio district MASTERPLAN - Sustainable Urban Development Project



15 - CENTRAL PARK IN SANT PERE DE RIBES, Barcellona, DataAE
16 - PARK GROOT SCHIJN, Antwerpen (Belgium), Maxxart



CONNECTION AND SYSTEM WITH THE GREEN CIRCUIT



- 1. Depurazione
- 2. Interspazio
- 3. Piazza dello Sport
- 4. Stanza all'aperto
- 5. Monteggio acque
- 7. Lambro meridionale
- 8. Piazza Tirone
- 9. Piazza della stazione
- 10. Ponte blu
- 11. Vasche di fitodepurazione
- 12. Alzate del mercato
- 13. Nuova Passerella ciclopedonale

**RECOVERY OF S. CRISTOFORO RAILWAY YARD.
MASTERPLAN – A LINEAR PARK**

GREEN CONNECTIONS

PARTICIPATION,
INCLUSION, SOCIAL
FUNCTIONS

- NEIGHBOURHOOD WORKSHOP PARTICIPATION WITH STAKEHOLDERS. ACCOMPANYING WORKSHOP - «Progettiamo insieme l'area verde di via Giambellino 129» (Let's design together the green area of via Giambellino 129).
- CO-DESIGN OF ECOLOGICAL SOLUTIONS FOR VALUE-ADDED URBAN REGENERATION, NATURE BASED SOLUTIONS (NBS). Co-Design activities with citizens and neighbourhood associations. BIODIVERSITY, EDUCATIONAL AREAS (ORCHARD, VEGETABLE GARDENS) FOR SOCIAL INCLUSION.

CO-CREATION / CO-DESIGN

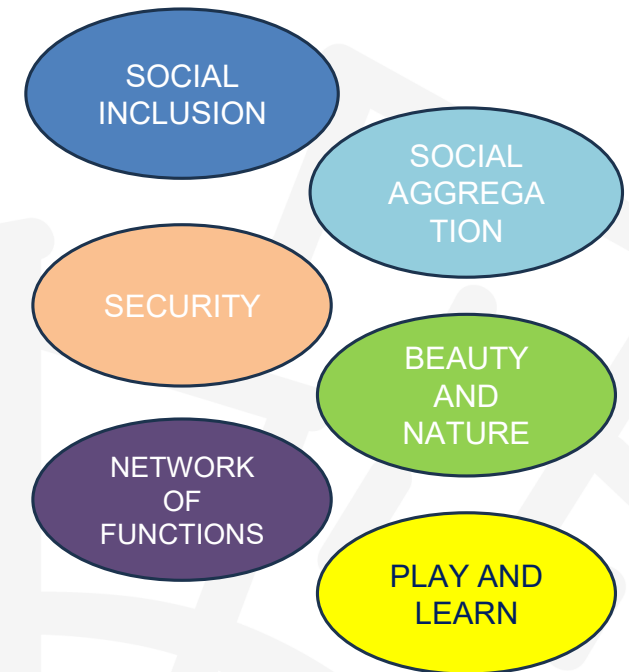


PICTURES FROM ON-SITE WORKSHOPS WITH CITIZENS AND LOCAL ASSOCIATIONS

PARTICIPATION,
INCLUSION, SOCIAL
FUNCTIONS

CO-CREATION / CO-DESIGN => NEEDS

- There is widespread agreement that the green space must be designed and aimed at its social use: all the solutions proposed and studied are not imagined as functions in themselves but as **devices to encourage socialisation, aggregation, attendance and use of the area by the inhabitants of the neighbourhood and the city** (imagining different targets: children, families and young people in prevalence but also the elderly population). The use of the area was considered necessary **to guarantee its preservation and care**.
- The demand for '**beauty**' emerges and how beauty should characterise the new park in both its leisure and **educational dimensions (gardens, orchards and nature)**.
- The idea was reiterated that the area should be imagined as an **element "in network" with the system of green areas in the surroundings**, with which it should be placed in physical but also functional relation (it was said to avoid functional and sense "overlaps" with other neighbouring green areas and to think rather in a complementary perspective).



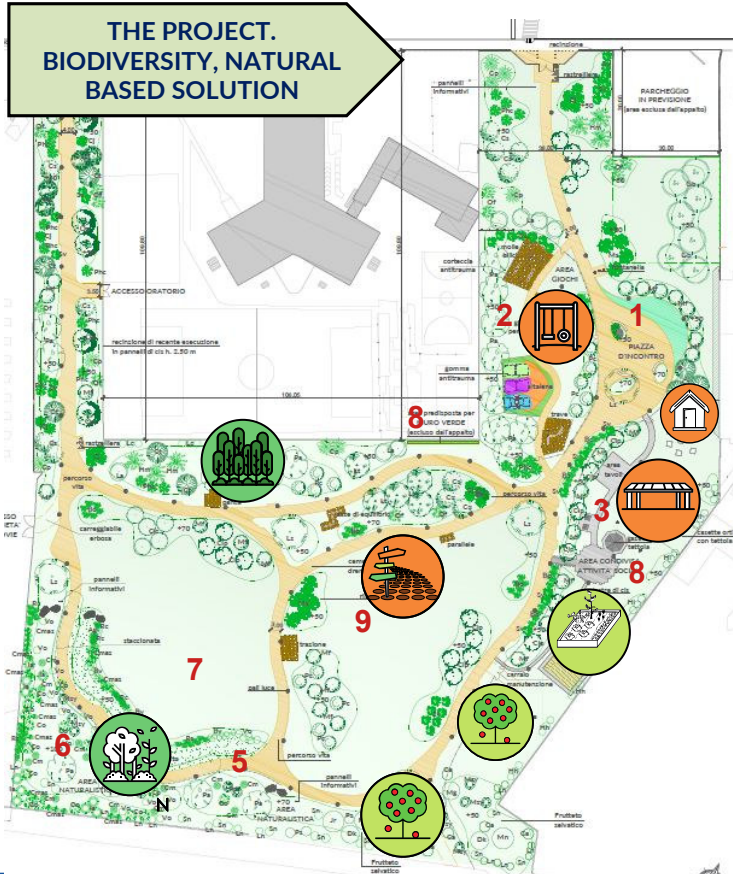
PARTICIPATION,
INCLUSION, SOCIAL
FUNCTIONS

Planting with citizens and associations - 18th March 2023



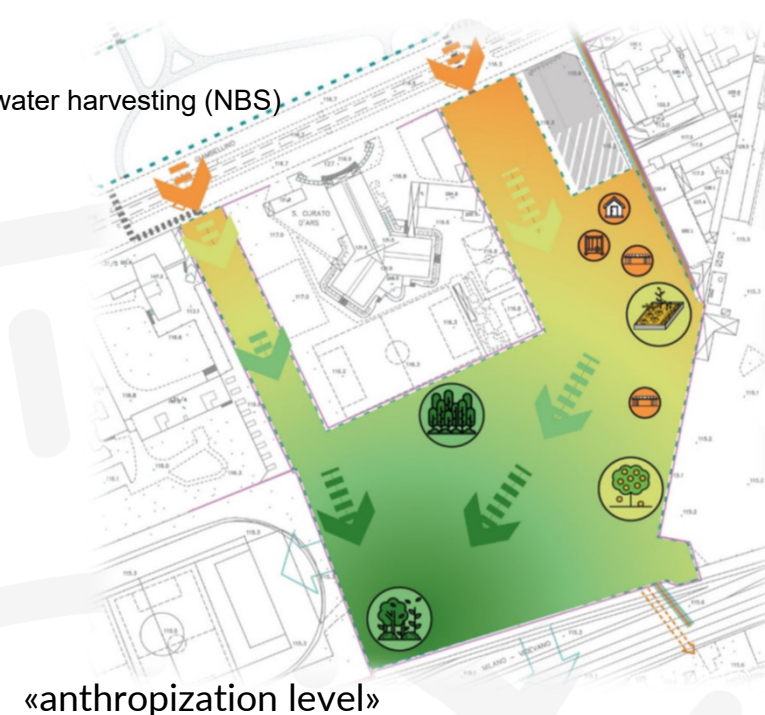
PICTURES FROM ON-SITE PLANTING ACTIVITY WITH CITIZENS AND LOCAL ASSOCIATIONS

**THE PROJECT.
BIODIVERSITY, NATURAL
BASED SOLUTION**



THE PROJECT (5 MAIN AREAS)

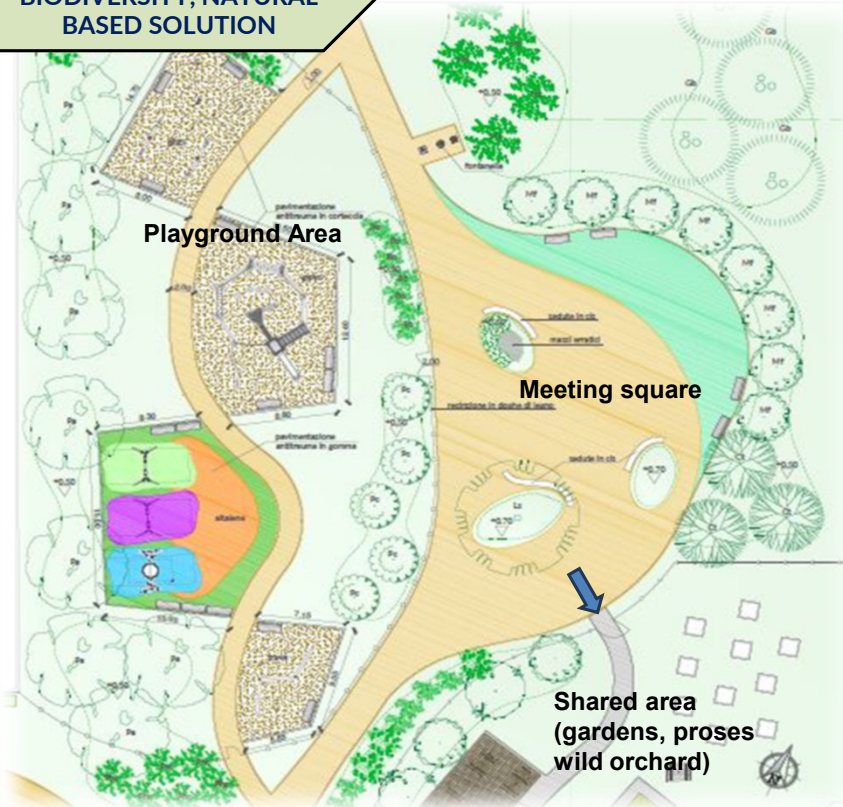
- 1) **Meeting Square**
 - 2) **Recreational playGROUND**
 - 3) **Shared social area**
(Pergolas, square, prose and box, teaching, water harvesting (NBS))
 - 4) **Wild orchard (NBS)**
 - 5) **Naturalistic area**
 - Bird Garden (NBS)
 - Flower meadow (NBS)
 - Green walls (NBS)
- ❖ Equipped life trail
 - ❖ Arboreal project
 - 250 trees 500 shrubs
 - large areas of open lawn
 - mitigation
 - chromatic, olfactory experience



«anthropization level»

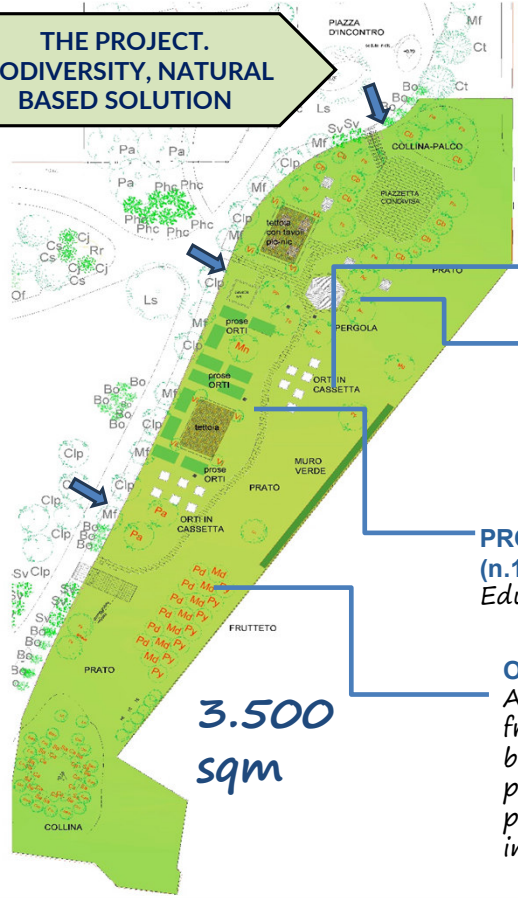
**THE PROJECT.
BIODIVERSITY, NATURAL
BASED SOLUTION**

THE PROJECT – MEETING SQUARE AND PLAYGROUND



THE PROJECT – SHARED AREA (VEGETABLE GARDENS AND ORCHARD) - NBS

THE PROJECT.
BIODIVERSITY, NATURAL
BASED SOLUTION



VEGETABLE GARDENS IN BOXES

Cottage gardens represent a system of food self-production, with a high social cohesion value when managed in a community form. A place of aggregation and meeting, they offer opportunities for educational and food awareness activities.



WATER HARVESTING

Rainwater harvesting system consisting of a surface (canopy) that conveys water into a container, which allows it to be drawn off for non-potable use. For example for vegetable gardens.



PROSE GARDENS (n.11 of 8 sqm)

Educational and inclusive activities



ORCHARD

Area of approx. 100 m², with approx. 10 - 15 fruit plants such as wild apple, wild pear, hazel, blackthorn, myrobalan, etc. Half-light sciaphyllous plants (such as medicinal herbs, strawberries, periwinkle and other flowering plants) can be integrated into the ground.



GREEN WALL

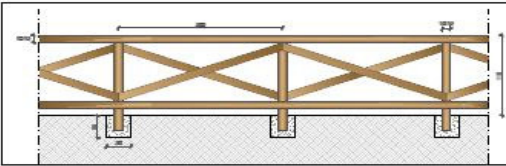


Ca., Clematis armandi
Pt., Parthenocissus ficoidata 'Veitii'
Rj, Rhyncospermum jaminoides

FURNITURE AND PERGOLAS

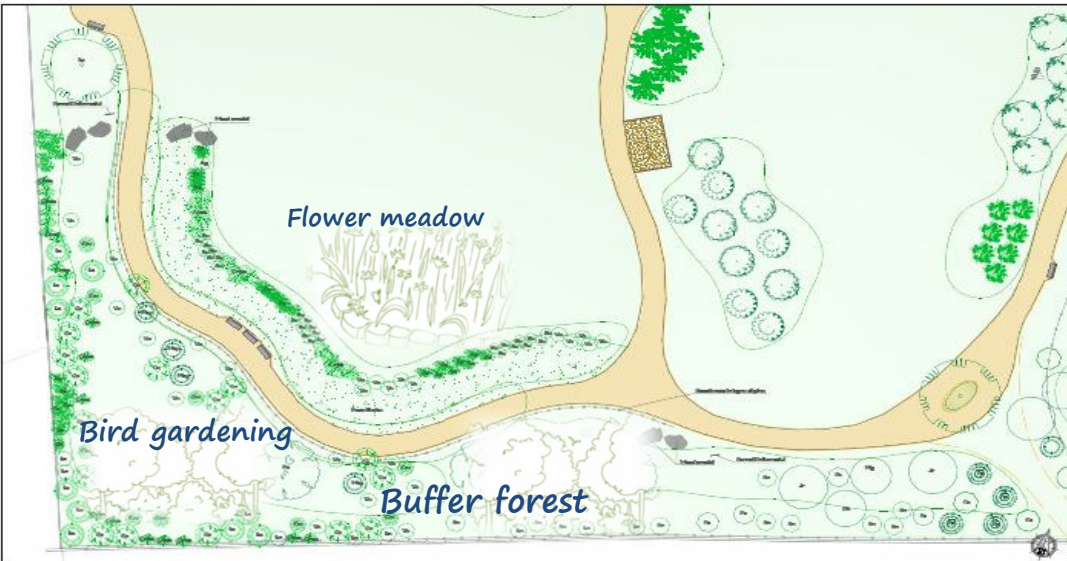


**THE PROJECT.
BIODIVERSITY, NATURAL
BASED SOLUTION**



Flower meadow

The wild meadow left to flower spontaneously attracts and encourages the presence of pollinators and other animals, both large (hedgehog, but also potentially minihare, hare and fox) and small (dorry dormouse, field vole, etc.).



THE PROJECT - NATURAL AREA - NBS

Bird gardening



Description

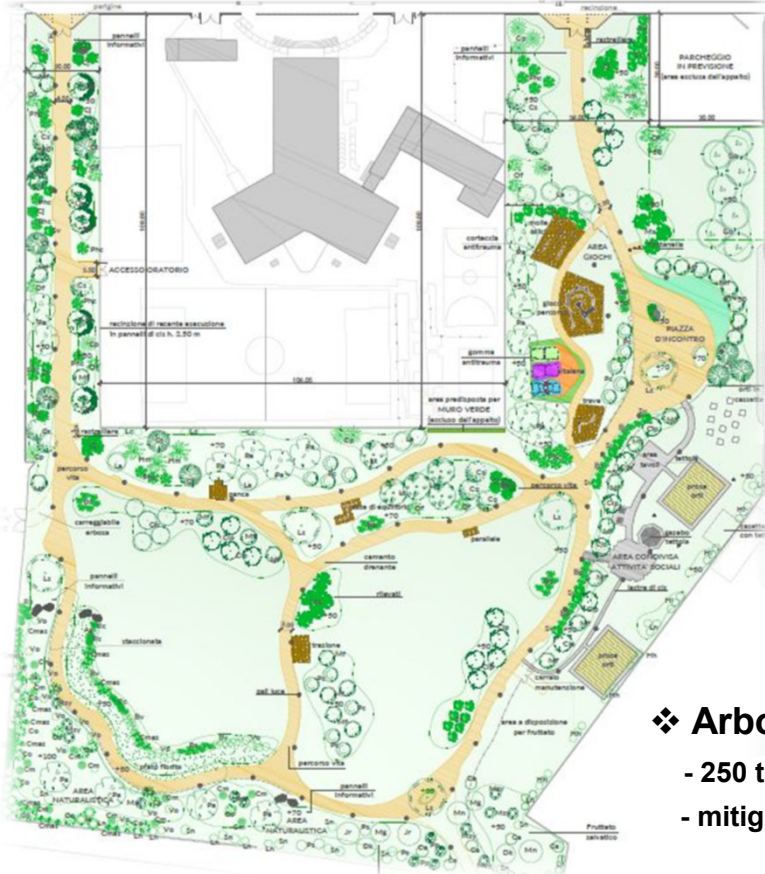
Area of 50 – 100 m2, planted with 2-3 medium-stemmed plants (e.g. wild apple tree, field maple) and at least 3 groups of shrubs (hawthorn, blackthorn, dog rose), with the presence of species-specific pole feeders created self-built. The provision of signage dedicated to species and birdwatching is fundamental, with specific routes for use.

Benefits

The feeders favor the attraction of avifauna, increasing the presence of species of naturalistic interest such as: great tit, robin, blackbird, blue tit, serin, spotted woodpecker. Signage plays an important role in raising awareness and teaching, as well as contributing to biodiversity.



**THE PROJECT.
BIODIVERSITY, NATURAL
BASED SOLUTION**



THE ARBOREAL PROJECT



- ❖ Arboreal project
- 250 trees 500 shrubs
- large areas of open lawn
- mitigation /buffer forest
- chromatic, olfactory experience



UNIONE EUROPEA
Fondi Strutturali e di Investimento Europei



THE BUILDING SITE



THE BUILDING SITE





THANK YOU!

Perfilip.setterberg@comune.milano.it

Milano

