

URBAN PROPOSAL

- Challenge 1 - Energy efficiency and low-carbon energy consumption
- Added solar panels, maximized use of daylight
- Reduced thermal bridging
- Challenge 2 - Sustainable building and infrastructure design
- Using top membrane and Expanded polystyrene EPS material to achieve the effect of environmental protection and energy saving
- Challenge 3 - Low-carbon mobility
- Creating new walking and cycling infrastructure
- New park and greenery
- Challenge 4 - Climate resilience and adaptation
- Presence of a biodiverse roof
- Presence of a rainwater storage and solar panels
- Challenge 5 - Ecological services for the neighbourhood and green jobs
- New greenery park
- Providing co-working, flexible and green workspace
- Challenge 6 - Sustainable water management
- Roof water collection system
- Rain garden
- Challenge 8 - Biodiversity, urban re-vegetation and agriculture
- Increasing in public green space
- Challenge 9 - Inclusive actions, social benefits and community engagement
- Creating new-greenery park for kids, the old and young people
- New public space, fostering sport and leisure activities
- Challenge 10 - Innovative architecture and urban design
- Using low-carbon, recycling materials
- Respect of cultural heritage, continuity of walking and cycling routes and public space across the site itself
- make best use of all available spaces to foster outdoor activities and connectedness

- Urban Farming
- Main Greenery
- Bike Station
- Bus Station
- Metro Station
- Metro Line
- Bike Line
- Pedestrians

Urban Proposal 1:2500

Surrounding green space planning and design



2 Years  
Remove objects from surrounding waste land, loosen the soil, and plant tolerant and adaptable plants.

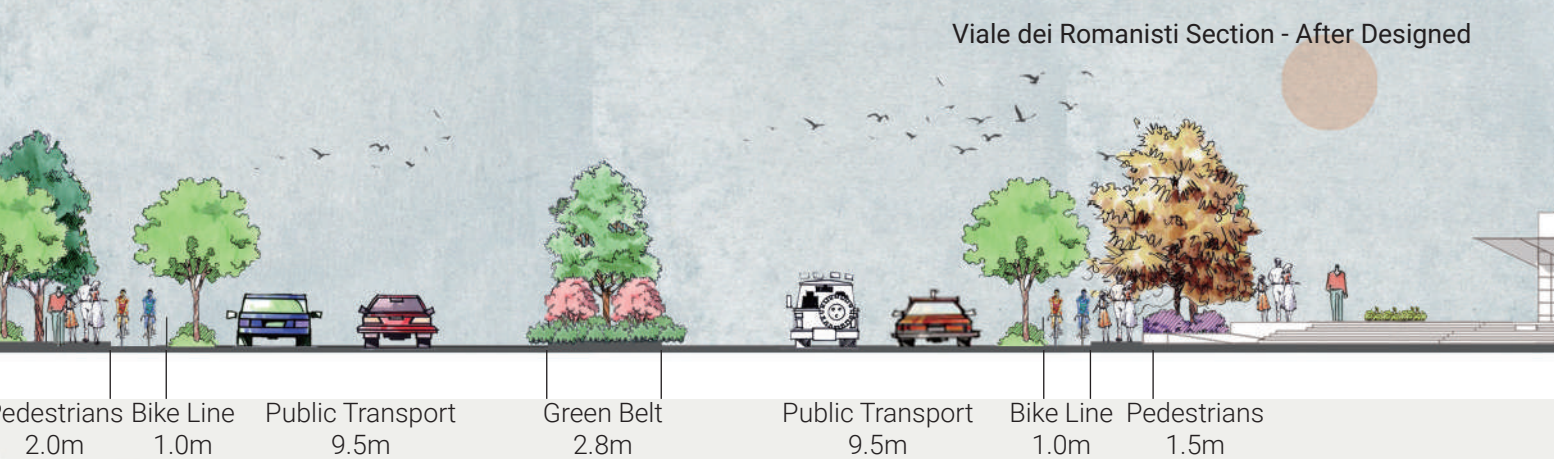
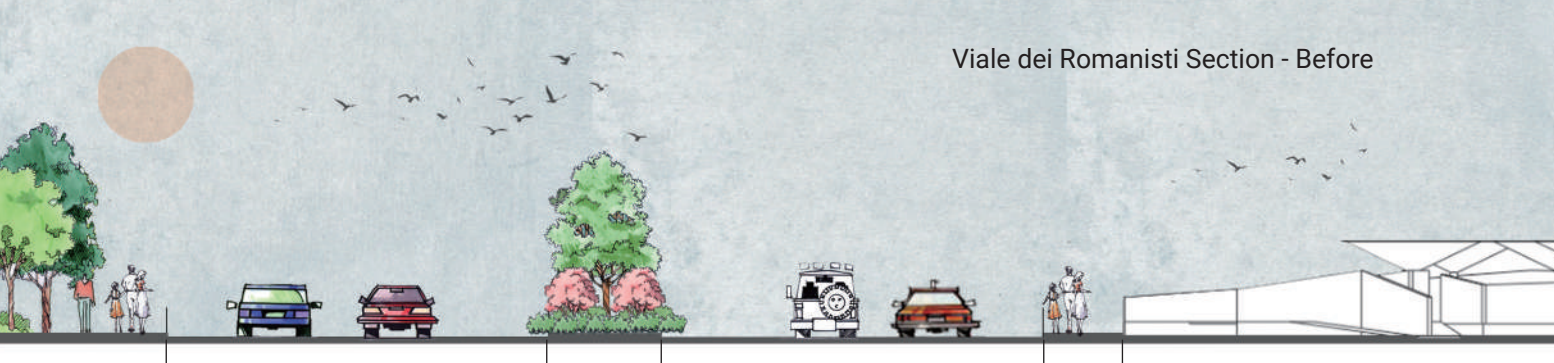


5 Years  
The landscape begins to mature, some large and pioneer tree species are arranged, and the local flora is visited.



10 Years  
During this period, the green space around the building has matured, and the landscape features can represent the local plant community. The early withered trees provide nutrients for the site.

Road Section



Urban Section 1:1000

