TRIPLO RISTRETTO

RISTRETTO ESPRESSO

Neo-Città Studi Milano-The 16th Virtual Design World Cup

Light in weight. Dense in experience.

A spatial extraction strategy for a more adaptive, connected and climate-responsive Città Studi.

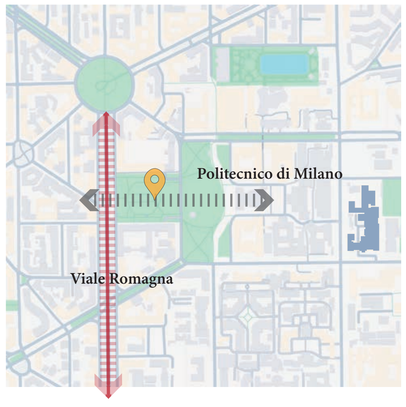
Project Overview

Triplo Ristretto reimagines Città Studi not through expansion, but through spatial extraction. Instead of adding more buildings, the proposal recovers underused capacity from oversized roads, fragmented open spaces and obsolete institutional structures. A 45-metre vehicular corridor is compressed into a 6-metre essential mobility spine, releasing space for walking, ecology, social life and adaptable urban programs. A lightweight modular canopy system connects streets, courtyards and existing buildings, while mobile AV Pods bring food, knowledge and collaboration where they are needed. The result is a campus that grows more intense without becoming larger.



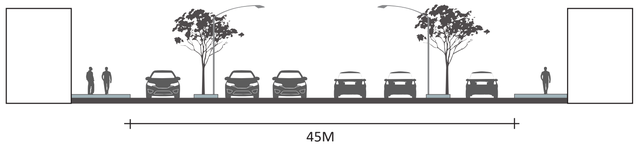
01 — EXTRACT THE ROAD

Viale Romagna is treated not simply as a traffic corridor, but as a reservoir of urban capacity. By reducing the 45-metre car-dominated section to a 6-metre essential mobility spine, the project reallocates space to pedestrians, bicycles, bioswales, tree canopy and flexible public programs. The objective is not to replace asphalt with an empty park, but to transform infrastructure into an active urban interface between campus, neighbourhood and everyday life.

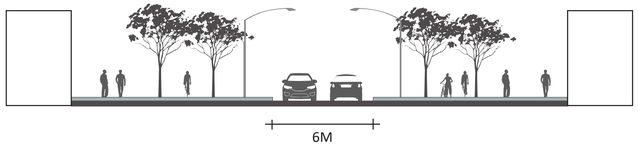


Original Road (45m)
Designed Road (6m)
Green/Bio-swale
Former Hospital
Pedestrian And Public Space
Key Nodes

Before - 45 m CAR-DOMINATED CORRIDOR



After - 6 m ESSENTIAL MOBILITY

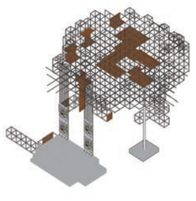


39 m
RECOVERED
URBAN
CAPACITY

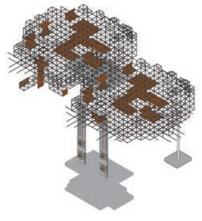
02 — PROGRAMMABLE URBAN CANOPY

A lightweight modular steel framework becomes the common spatial language of Triplo Ristretto. Rather than functioning as a pavilion, the canopy acts as programmable urban infrastructure. Its cubic grid can remain open, support climbing vegetation, carry misting and lighting systems, or extend downward to form seating, tables, shelves and planting modules. A tree-like central support keeps the ground open while allowing a denser cloud of lightweight structure above. The system defines space without enclosing it.

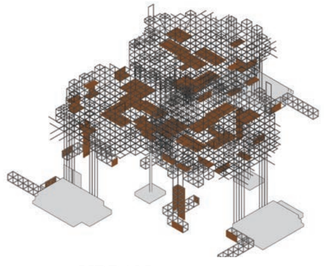
LIGHT ROAST	MEDIUM ROAST	DARK ROAST
Light Roast	Medium Roast	Dark Roast
Minimal intervention	Programmed intervention	Deep intervention
· sparse grid	· denser canopy	· building interface
· seating	· mist	· courtyard
· shade	· study	· mobility docking
· light vegetation	· café	· adaptive reuse
	· exhibition	



POCKET
Rest · Coffee · Shade · Local Service



CAMPUS
Study · Discussion · Exhibition · Workshop



URBAN
Mobility · Event · Climate · Emergency

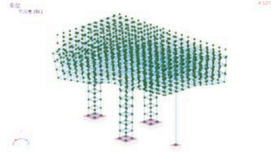
03 — THICKEN THE EDGE

The former hospital is not treated as an isolated redevelopment project, but as the deepest "Dark Roast" intervention within the same urban system. Its heavy and repetitive institutional façade is preserved as an existing urban body, while the lightweight canopy thickens its edge into a new semi-outdoor civic layer. Entrances, courtyards and residual spaces can gradually accommodate study, exhibition, café, workshop and community programs without erasing the original building.





Structural Analysis



NEXUS — Smart Mobility Unit





A modular autonomous mobility unit designed for the future campus. More than a vehicle, NEXUS functions as a mobile platform that can transform into a shuttle, workspace, meeting room, pop-up market, or mobile library. By connecting people, programs, and places, it creates a flexible transportation network that extends public space beyond fixed architecture.







Mobile Urban Programs

SOCIAL POD
Food · Coffee · Market

KNOWLEDGE POD
Library · Reading · Exhibition

COLLABORATION POD
Meeting · Workshop · Research

