

Co-inventing Doria

Site: Doria, Milan



Reinventing
Cities

Project Summary: Co-Inventing Doria wants to be a living manifesto of sustainable urban renovation, where private and public spaces interact, creating a friendly, resilient and sustainable environment for citizens and visitors.

The project is made of two cardinal elements: the carbon neutral hostel and the new green axis of Viale Doria. The hostel is made with an innovative envelope, the breathing wall, able to recover energy and to filter ventilation air, providing a highly comfortable indoor experience. The energy use of the building is minimized in its whole life cycle and renewable energy sources are widely exploited on site, enhancing the overall building performance.

Viale Doria is conceived as a multifunctional street, designed with a chronotropic approach where urban spaces evolve with time, following citizen's needs. The street has a predominant pedestrian dimension, with wide spaces for vegetation and multiple ecosystemic services, including carbon capture and storage.

The hostel connects with the new green outdoor inviting young people to enter and walk down the wide staircase that slopes towards the green open courtyard. Altogether the project is conceived to engage citizens on sustainability, providing an interactive experience and educating to proactive sustainable behaviors.



Key Components & Solutions

→ Co-Inventing Doria is an ambitious project made of a carbon-neutral hostel and the new green Viale Doria. It combines high performances and consistent solutions on all key environmental challenges.

→ significant share of clean energy thanks to a photovoltaic rooftop of 22kW and a water-to-water heat pump of 300 kW.

→ Modularity and flexibility of spaces and wide use of biosourced materials (wood, natural fibres)

→ The building's envelope is an innovating "breathing wall" that recover energy and filter air

→ Many solutions to foster low-carbon mobility and pacified Viale Doria

→ Several activities to encourage social cohesion and green lifestyle (Info data to educate residents, Plant finder, smart parking, 0km food..)

Main members of the team

Team leader / Developer: RETE FRA IMPRESE B SMART

Architect: STUDIO DI ARCHITETTURA DRM) / GIULIA PANNELLA

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