

Project Report

Environment Park, Turin



The flat and pitched green roofs of the Environment Park.

Project Data

Total roof area: ca. 20.000 m²

Pitched roof area: ca. 5.000 m²

Construction Year: 1999

Architect/Design:
Emilio Ambasz, Benedetto Camerana
and Giovanni Durbiano

Contractor:
Perardi Giardini, Rivarolo Canavese

Coordinates:
45°05'16.37"N 7°40'18.58"E

Conception

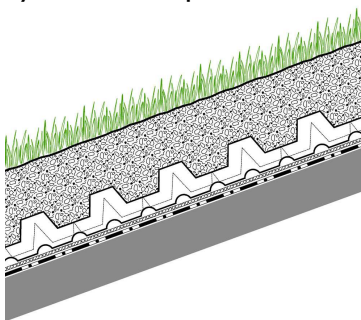
Once, the river Dora was to disappear under a concrete slab in favour of a Fiat factory. But meanwhile, the Dora was freed and now it flows through a sprawling park.

The Environment Park was built on this industrial waste land from 1996 to 1999. It represents a total area of ca. 30.000 m², consisting of laboratories, offices and service centres. The entire

roof area of ca. 20.000 m² was greened. Seen from above, the Environment Park Turin looks like a system of living gardens.

The ZinCo System "Pitched Green Roof" was installed on the steeper roof areas (ca. 5.000 m²). This system transfers the shear forces into the sub-construction and provides the vegetation with water and nutrients.

System Build-up



- Plant layer with Lawn and Ground Cover Shrubs
- System Substrate
- Floraset® FS 75
- Protection Mat SSM 45
- Roof construction with root resistant waterproofing

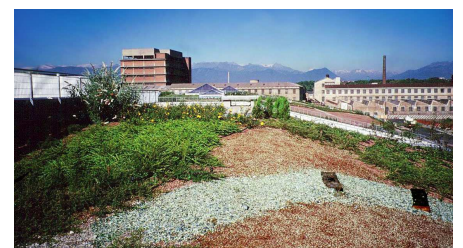
Development



Installation of the drainage element Floraset® FS 75 on the pitched green roof area.



After the substrate layer was applied.



Little time after the planting with ground covering shrubs.



Low shrubs emphasize the sloped roof area too.

ZinCo GmbH

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