



The flat and pitched green roofs of the Environment Park.

Project Data

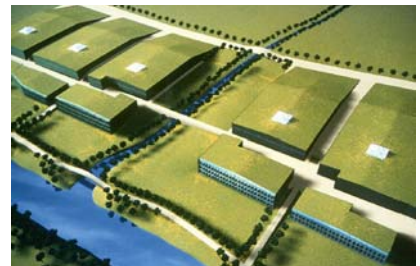
Total roof area:	ca. 20.000 m²
Pitched roof area:	ca. 5.000 m²
Construction Year:	1999
Architect/Design:	Emilio Ambasz, Benedetto Camerana and Giovanni Durbiano
Contractor:	Perardi Giardini, Rivarolo Canavese
Coordinates:	45°05'16.37"N 7°40'18.58"E

Conception

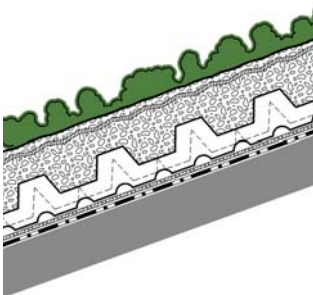
Once, the river Dora was to disappear under a concrete slab in favour of a Fiat factory. But meanwhile, the Dora was freed and now it flows through a sprawling park.

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 nutriments.



System Build-up



- Plant Community with lawn and ground cover shrubs
- ZinCo System Substrate
- Floraset® FS 75
- Protection Mat SSM 45
- Roof construction with root resistant waterproofing



Little time after the planting with ground covering shrubs.

Development



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



After the substrate layer was applied.



Low shrubs emphasize the sloped roof area too.