

# Project Report

# Environment Park, Turin



The flat and pitched green roofs of the Environment Park.

## Project Data

Total roof area: ca. 20.000 m<sup>2</sup>

Pitched roof area: ca. 5.000 m<sup>2</sup>

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

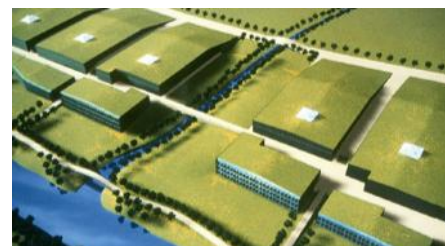
## Conception

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 m<sup>2</sup>, consisting of laboratories, offices and service centres. The entire

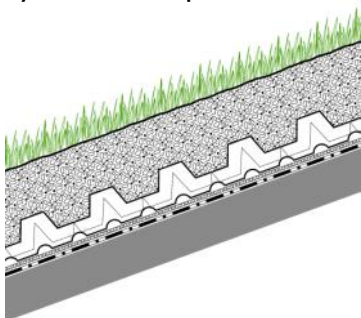
roof area of ca. 20.000 m<sup>2</sup> was greened. Seen from above, the Environment Park Turin looks like a system of living gardens.

The ZinCo System "Pitched Green Roof" was installed on the steeper roof areas (ca. 5.000 m<sup>2</sup>). This system transfers the shear forces into the sub-construction and provides the vegetation with water and nutrients.



Little time after the planting with ground covering shrubs.

## System Build-up

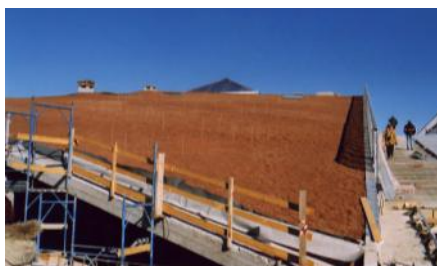


- Plant layer with Lawn and Ground Cover Shrubs
- System Substrate
- Floraset® FS 75
- Protection Mat SSM 45
- Roof construction with root resistant waterproofing

## Development



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



After the substrate layer was applied.



Low shrubs emphasize the sloped roof area too.