

Restoration of Duden and Jupiter parks

Forest Municipality in Brussels (BE)

Complete civil engineering mission (hydraulic and road development)

Owner
Beliris

Architect
Suede 36

Cost of the works
€ 3 M excl. vat of which €1,8 M
for the structure

Studies
2016 - ... : Current status: in
progress

GC



Duden park (22.2 hectares) and Jupiter park (2.6 hectares) are in the south of the Brussels Region, in the municipality of Forest, on the right bank of the Senne valley. The terrain is rugged, and water management is a major issue given the recurring flooding problems in the lower part of the municipality. Indeed, Duden park suffers from numerous problems with water and mud flow.

The mission includes:

- the hydraulic study of both parks;
- the development of extensive flow management solutions to keep water within the park and limit overloading of the drainage system;
- the restoration of paths (5,150 m²);
- the redevelopment of Duden and Jupiter parks and their access points;
- the development of recreational areas;
- the restoration and installation of furniture;
- the restoration of views and key landscape perspectives.

The Duden park is classified and protected as a historic site. The Jupiter park, on the other hand, is only on the preservation list.

The very high expectations in terms of water management and mud flow in the context of a fairly busy park that needed improvements at various levels (stability, safety, lack of recreational facilities and amenities, etc.) required the design of solutions that would free up budget to carry out as many improvements as possible.

The proposal for «integrated rainwater management» solutions (fascines, swales, infiltration basins, etc.) enabled us to achieve this objective and offer a series of recreational and amenity features in addition to improving user safety.

The playgrounds are integrated into the slopes to take advantage of the natural elevation for play features such as slides and nets. Several other play features are integrated to provide a coherent whole that meets the needs of different age groups in the neighbourhood, from small children accompanied by their parents to teenagers and older people.

