

URBAN ENVIRONMENTAL CORRIDOR OF THE CALI RIVER

2018

Location

Cali, Colombia

Client

Corporación Autónoma
Regional del Valle del
Cauca - CVC & Sociedad
Colombiana de Arquitectos

Estimated Cost

25 794 480 916 COP

Context

Regeneration of public
spaces

Stage

Public tender

Area

88 ha

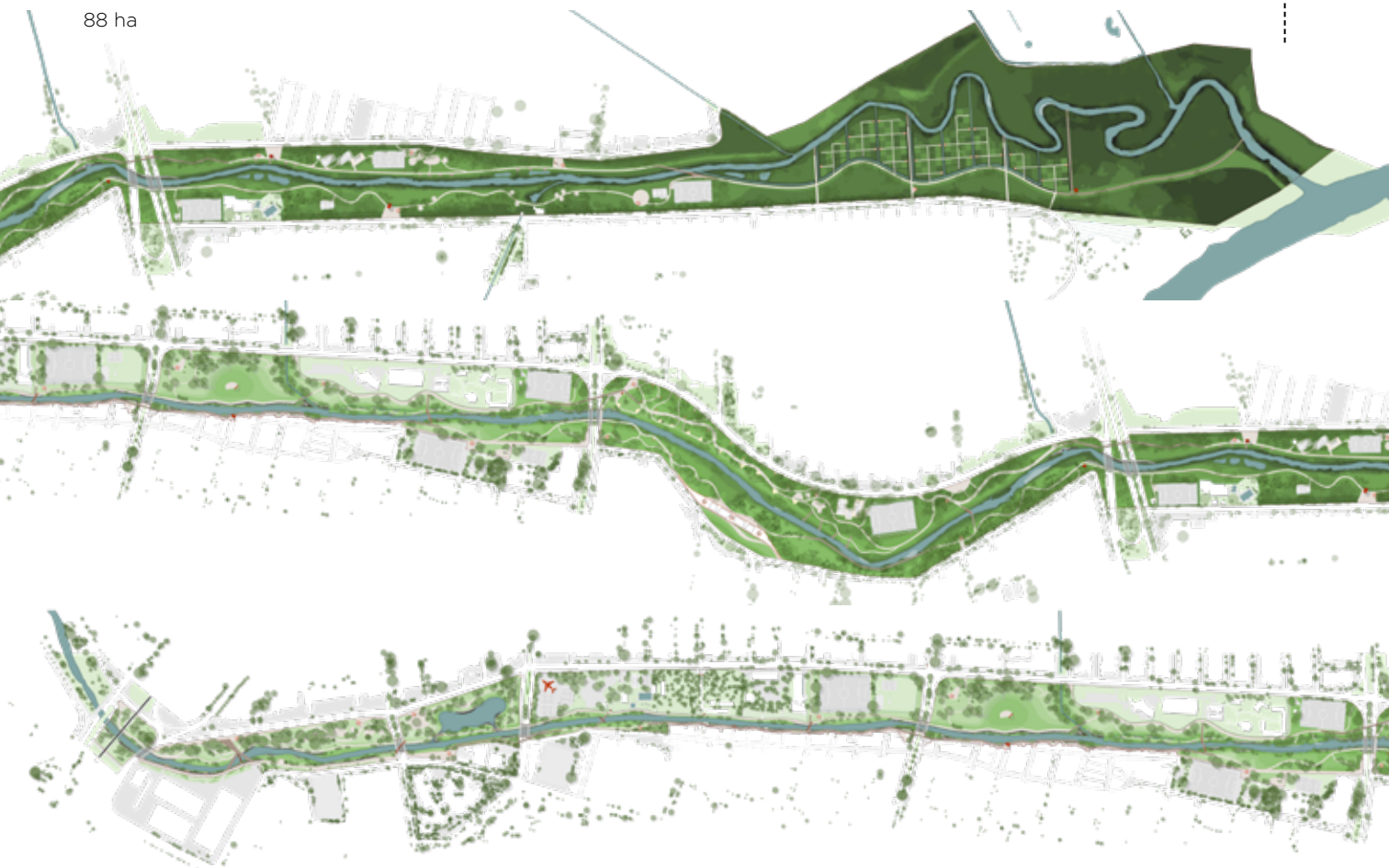
The main goal of this project was to reinforce the Municipal Ecological Structure, to restore lateral, longitudinal and vertical connectivity to the urban environmental corridor system of the Cali River, while taking into account the existing permanent and exuberant urban vegetation and the humid climate with high precipitation levels and temperatures.

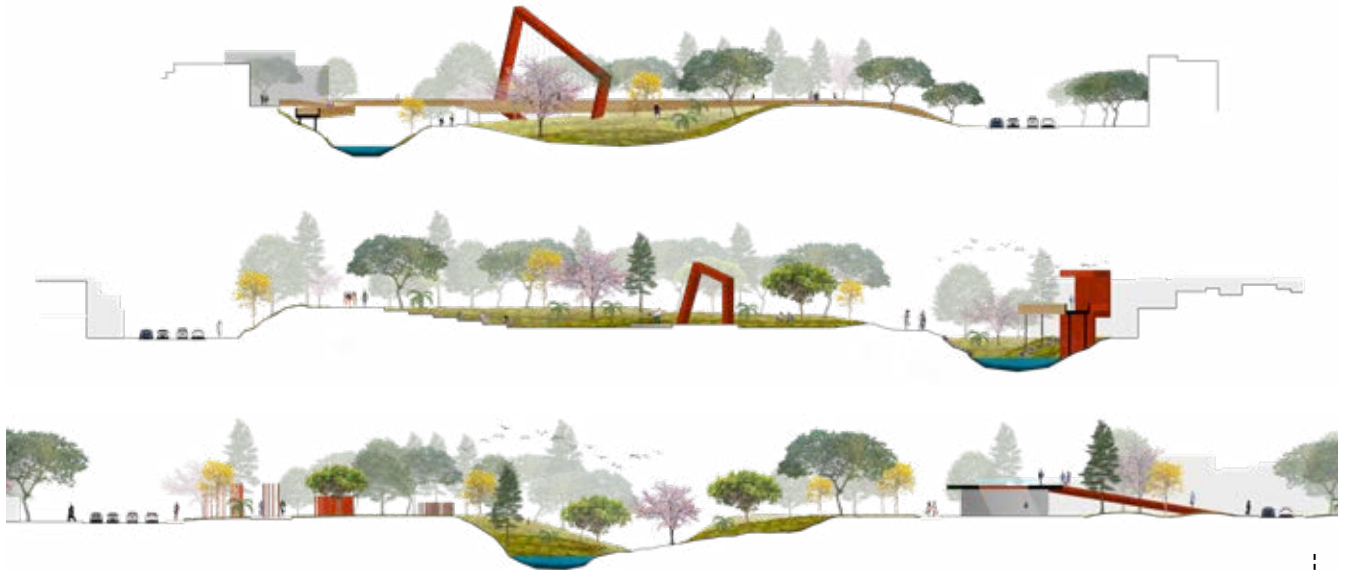
The landscaping proposal aimed to increase the presence of trees and shrubs by 20 % and to increase the green area per inhabitant in quantitative and qualitative terms through the use of species adapted to local conditions.

The vegetation was arranged according to the biophysical analysis of the location, including species especially suited for the protection of the riverside, due to their flowering and fruit bearing that can feed the bird fauna and due to their landscape value.

As part of the effort to implement a low-impact design for ecological and environmental regeneration, structures to contain erosion running parallel to the river flow were implemented and the river flow velocity was reduced, which enabled the establishment of small river shelters for urban fauna.

GENERAL PLAN OF THE INTERVENTION





CROSS SECTIONS:
1. VIEW OF THE PEDESTRIAN BRIDGE
2. VIEW OVER THE AMPHITHEATRE
3. VIEW OF SUPPORT EQUIPMENT

In terms of urban design, open spaces, such as squares and urban landmarks, were treated with special care, allowing the park to be seen clearly from the outside, through gaps in tree patches and in the vegetation.

This guarantees connectivity of the structuring elements of the public space in areas of a collective nature and a proper transition from the urban area to the riverside area, where cultural activities, sports, public facilities and leisure zones are developed.

The objective to integrate city and river, taking advantage of the public property located along two parallel road axes, was thus achieved through mobility solutions that empowered urban and regional

connectivity, ensuring the spatial and ecological continuity that the maintenance of such a hydrological resource demands.

The Cali River Urban Environmental Corridor, framed by the Cali River and its protective forest areas, are especially relevant to the city from an historical, environmental and cultural standpoint, given its relation with the origin of the city. In order to achieve good environmental, landscaping and urban design that reflects the ideology of the Cali community, to generate the best proposals, a strategic partnership was established with the Sociedad Colombiana de Arquitectos de Valle del Cauca, to promote a transparent public tender process and ensure that the city is given the best possible project.

STREET VIEW

