

# Piratininga Waterfront Eco-museum

## Location

Niteroi, Rio de Janeiro,  
Brazil

## Client

Corporação Andina de  
Fomento (CAF) Municipal  
Prefecture of Niterói

## Initiated

2019

## Completion

2023

## Size

Eco-museum: 1600 m<sup>2</sup>  
Lagoon: 720.000 m<sup>2</sup>  
Filter gardens: 31.000 m<sup>2</sup>

## Project Team

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Xavier

## Photos

Visualizations by Atchain

## Collaborators

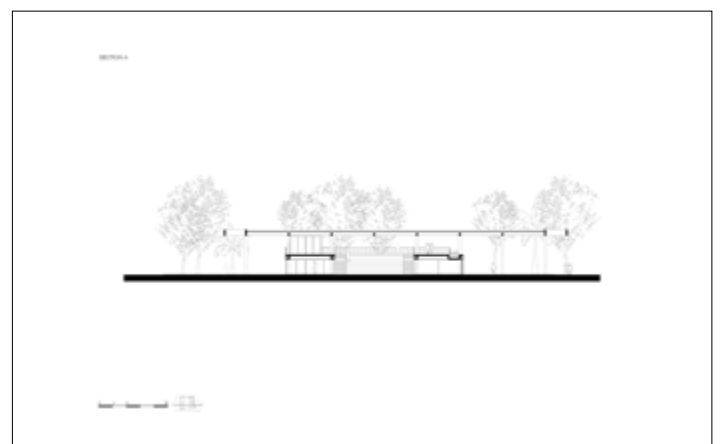
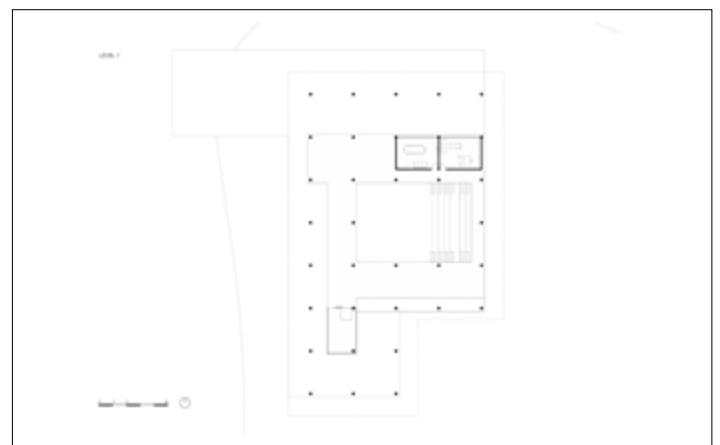
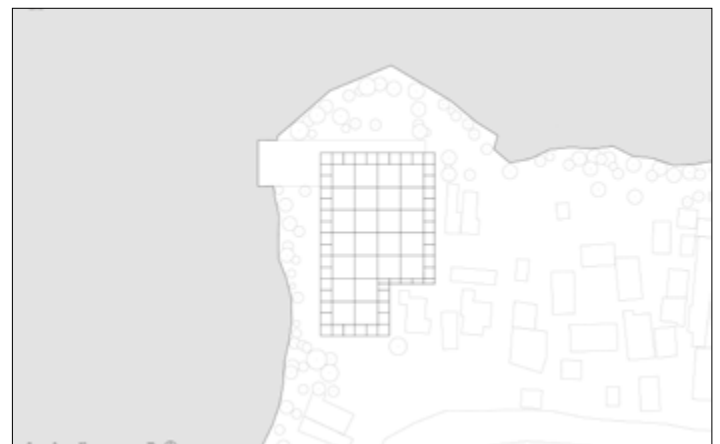
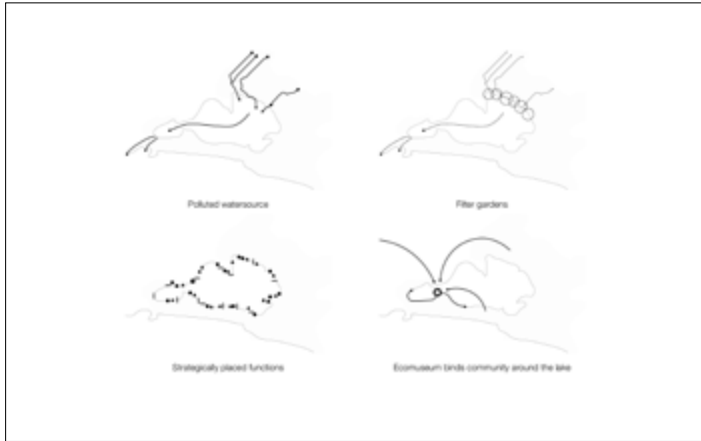
Phytorestore, Embya



Piratininga Waterfront Eco-museum is a part of a joint revitalisation project by KAAAN Architecten, Phytorestore, and Embya aiming at a sustainable, long-term improvement of the north side of the Niterói's Piratininga Lagoon. The wide-ranging approach is rigorous yet strategic and addresses the lagoon and the neighbourhood facing it with innovative and careful interventions in key areas around the perimeter. The extensive water filtering gardens will be part of an overarching network of paths for pedestrians and bikes, lookouts, squares, sports courts, fishing piers, seating and play areas, all interwoven with local vegetation.

The Eco-Museum is a focal point of that redeveloped area and a tool for social inclusivity we suggested beyond the scope of the initial brief. The museum will be dedicated to the recovery and preservation of the lagoon, a place where this process can be constantly monitored and actively taught to residents. Additionally, it will provide a space for the fishermen's community and various resident associations to gather and improve the collaboration with its municipal services. The building is conceived as a large, covered plaza with functional volumes placed in a way that enables seamless integration of the waterfront and the museum. In harmony with its lush environment, the locally sourced cumaru wood panelling of the Eco-museum completes the mixed structure of concrete columns and CLT slabs, contributing to its neutral carbon footprint.

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