

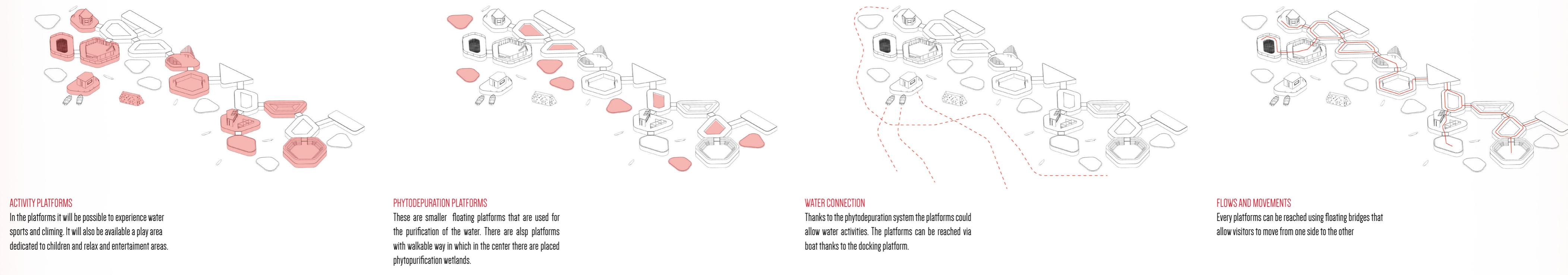
PHORMA3

The project is based on four main values: amusement, human activity, wildlife and farming, by combining these ideas it was developed a repeatable system that can be adapted to different types of waterscapes. The goal of "PHORMA3" is to provide a functional and fun activity structure to polluted and neglected water areas. In this case we are talking about "Lake Varese", Italy, a body of water that is unfortunately known for its fragile ecological situation.

There are four main challenges that the project tries to face: the first one is to depurate the water in a natural way, the second one is to add a touristic and amusing space capable to attract more visitors, the third one is to be versatile and the last one is to regenerate the wildlife biodiversity in the lake. These objectives have been achieved by creating floating platforms and floating wetlands that are based on triangular and square modules. There are three typologies of structure: a depuration one, a walkable depuration platform one with 3d farming and an activity platform with 3d farming.

The lake treatment system that has been chosen is "Phytodepurazione". This specific type of process uses the natural cleaning power of plants roots to detoxify water making zero impact on the environment. The strategy that has been used is based on a double action. In fact, there are two project locations. The main one, which is located in Luigi Zanzi park and the secondary one, which is located at the end of the main tributary of the lake, river Brabbia. This last location is the main sewage system and it is characterized by a broadwalk and a "Lake organ", a water instrument that produces sound thanks to the waves created by the river.

MAIN PROJECT OVERVIEW



ACTIVITY PLATFORMS

In the platforms it will be possible to experience water sports and climbing. It will also be available a play area dedicated to children and relax and entertainment areas.

PHYTODEPURATION PLATFORMS

These are smaller floating platforms that are used for the purification of the water. There are also platforms with walkable ways in which in the center there are placed phytodepurazione wetlands.

WATER CONNECTION

Thanks to the phytodepurazione system the platforms could allow water activities. The platforms can be reached via boat thanks to the docking platform.

FLOWS AND MOVEMENTS

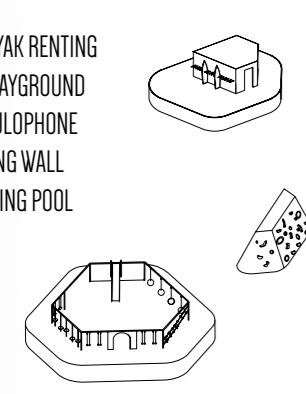
Every platforms can be reached using floating bridges that allow visitors to move from one side to the other.

PHORMA3 PLAN AND ELEVATION 1:100

ACTIVITIES AND FUNCTIONS

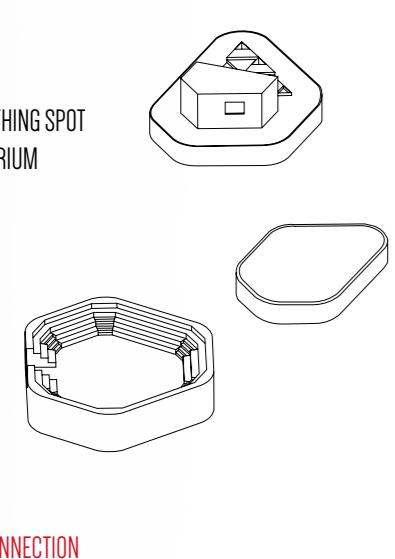
SPORTS AND GAMES

- 1 SUPIKAYAK RENTING
- 2 KIDS PLAYGROUND
- 3 HYDRAULOPHONE
- 4 CLIMBING WALL
- 5 SWIMMING POOL



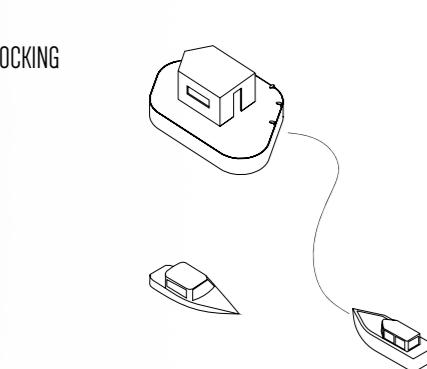
RELAX AND ENTERTAINMENT

- 6 KIOSK
- 7 YOGA
- 8 SUNBATHING SPOT
- 9 AUDITORIUM



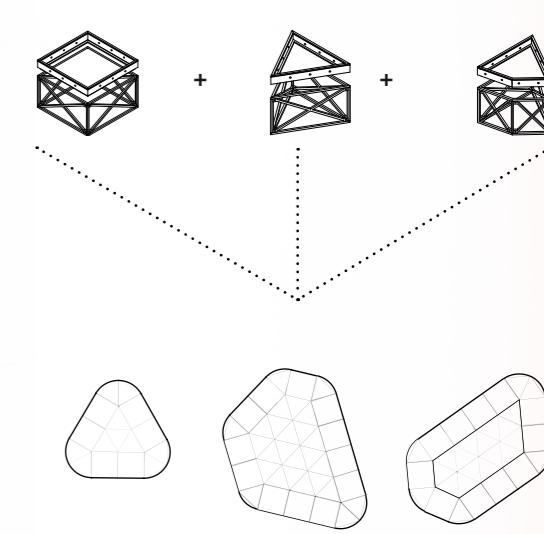
WATER CONNECTION

- 10 BOAT DOCKING

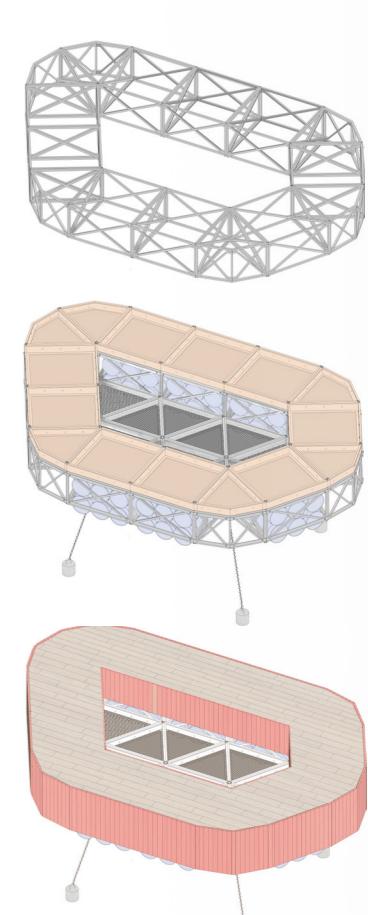


"PHORMA3" aims at becoming a meeting point for visitors of all ages and backgrounds. Thanks to its versatility it is able to adapt to multiple functions and interests of the users, promoting its structures to a growing public. In fact, another purpose of the project is to attract new tourists and visitors in places where this mechanism went slowly to vane.

PLATFORMS MODULAR CONSTRUCTION PROCESS EXAMPLES



CONSTRUCTION PROCESS EXEMPLE



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