Extending the city to the water with a generic plug-play system. The system consists of modules that can be transported by (cargo) ship and are self-sustaining regarding water and energy.

The modular system is generic and can be applied on various locations. The case study for this graduation project is located between Nemo and the Marine terrain in Amsterdam. The plot is created by the shore on the east, and a boat route on the west.

The backbone of the project is a jetty connected to land. This jetty contains various infrastructure, such as restaurants, and can be used as a "landing place" for the residents. The jetty also functions as a route for the boats.

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The modular frames are made of accoya wood. The construction is integrated in the facade and the joints are made of horizontal transportation of water. The water is collected in a tank in the floating base, and is filtered prior to use in household activities.

Lamellas accommodate passive way of heating the house by blocking the sun in summer and allowing it to enter in the colder months of the year.