

The Citadel: Europe's First Floating Apartment Complex



areas that are below see level. Now, rather than fight the water infiltrating their land, the Dutch will use it as out of a new development called "New Water", which will feature the world's first floating apartment complex. e Citadel. This "water-breaking" new project was designed by Koen Olthu etherlands, and will use 25% less energy than a conventional building on land thanks to the use of water



Othuis is responsible for a number of floating residences around the world and he thinks that we sh stop trying to contain water and learn to live with it. The New Water and the Citadel projects are an attempt to embrace water in the Netherlands, which is almost completely composed of wetlands. The project will be built on a polder, a recessed area below sea level where flood waters settle from heavy rains. There are almost rater and all the buildings will be perfectly suited to float on top of the rising and falling water.



The Citadel will be the first floating ap Built on top of of a floating foundation of heavy concrete caisson, the Citadel will house 60 luxury apartments, a car park, a floating road to access the complex as well as boal docks. With so many units built into such a small area. Whe housing complex will achieve a density of 30 units per acre of wrater, leaving more open water. unding the structure. Each unit will have its own garden terrace as well as a view of the lake

A high focus will be placed on energy efficiency inside the Citadel. Greenhouses are placed around the

+ The Citadel

