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The Citadel: Europe's first floating apartment complex

The world's first floating apartment complex, the Citadel, is part of a Dutch development called New Water. From Inhabitat, part of the Guardian Environment Network

Inhabitat, part of the Guardian Environment Network guardian.co.uk, Wednesday 29 July 2009 12.38 BST Article history



Overlever of the world fest floating apathmet complex. The Clasel Pholograph: Witherstudio
The Dutch have been flighting the rising and failing tides for centuries, building dikes and pumping water out of areas that are below sea level. Now, rather than fight the water infiltrating their land, the Dutch will use it as part of a new development clailed 'Vew Water', which will leafure the world's first floating apartment complex. The Claded. This "waterbreaking" new process was designed by Koen Offulius of Westerstudio in the Netherlands, and will use 25% less energy than a conventional world process of the control of the control of the control of the United to the Class of the Class of the Class of the Class of the United States of the Class of the Class of the United States of the Class of the Class of the United States of United Stat

Offlow is responsible for a number of floating residences around the world and the thirst that we should stop trying to contain water and learn to live with II. The New Water and the Cladel projects are an attempt to centrace water in the hetheristands, which is almost completely composed of wetlands. The project will be built on a police is a recessed area below sea level where flood waters settle from heavy rains. There are almost 3500 polices in the Netheriands, and almost all of them are continually built and the set of the 3500 polices in the Netheriands, and almost all of them are continually subject to the built of the set of s

The Cladel will be the first floating agaritment complex, ulthough there are perhy of floating homes out there ignut not port of a floating frunciation of heavy concrete caleson, the Claded will nouse 60 usury agaritments, a car part, a floating road to access the complex as well as boat docks. With so many units built into such a small area, the housing complex will achieve a density of 30 units per acre of water, leaving more open water surrounding the structure. Each unit will have its own garden ferrace as well as as ever of the lake.

A high focus will be placed on energy efficiency inside the Citadel. Greenhouses are placed around the complex, and the water will act as a cooling source as it is pumped through submerged pipes. As the unit is surrounded by water, cronssion and mantenance are important issues to consider. As a result, aluminum will be used for the building facade, due to is long lifespan and case of maniferance. The individual apartitiments will be a support of the consideration of the submitted apartitiments shallow body of water, and in the future numerous buildings, complexes and residences will folio on the water alongside it.