NRC: HANDELSBLAD



The city of tomorrow may be built on

vater lished: 22 December 2009 15:27 | Changed: 22 December 2009 16:56 Dutch architect imagines entire cities being built in wa ague's hinterland, this vision will soon become reality. vater. In Th

Save the world, build on water, that is Koen Olthuis' core business in a nutshell. His architectural studio Waterstudio.nl designs waterborne schools, parks, roads and houses, pretty much anything actually.

Waterborne structures are easy to move. Once they are required elsewhere, a push and a tug suffice for a change of scenery. Olthuis has even coined a term for it: 'Scarless development.' A method of urban planning that makes for truly dynamic cities, Waterborne structures are not only useful to adapt to the ficide demands of citizens, they are

Time Magazine named Olthuis as one of the most influential people in the world in 2007. But he has been greeted with "typically Dutch" scepticism at home. His wision of the future is by no means utopian, the architect said sitting in his office in Rijswijk, a suburb of The Hague. Olthuis feels his designs are very realistic.

His first clients were the ambitious and - then - very rich project, developers of bubail, at their request, Othiass designed floating islands and the request of the second of the control islands and villas shatused on the famous Pain Islands. The set you set the limit. Was, since none of these projects have actually been realised yet. "One project that sell stands a good chance of herip built is a floating moraque. The building is very energy efficient as it uses seawater forcing and transluteur plains it in natural failt," Other sead.

The Dubai-fantasies were mostly a way for Waterstudion to establish to credentials. Today, the studio directs its efforts at tacking a today of the studies of the studies of the studies of the studies of the bythe changing dimate. "By 2050, 70 percent of the world's pourse by the changing dimate." By 2050, 70 percent of the world's pourse will live in urban areas. Since approximately 90 percent of the world's largest otics are located on the waterfront, we need to find new ways largest otics are located on the waterfront, we need to find new ways and the studies of the studies need to find new ways nt," Olthuis said. "We

Olthuis believes in a future where ten percent of the planet's urban water surface will serve as a foundation for waterborne buildings. Floating real estate will prove particularly attractive where building space is scarce. Olthuis envisions Lego-like urban architecture, with foating modules that ended only be dicked onto their new moorings after being pulled to a new waterfront destination.

As a partner in the company Dutch Doddands, Olthus has been partycles as a partner in the company Dutch Doddands, Olthus has been partycles as polystene core. The material can easily be mass produced and allows for straighforward construction. This wasterborner capret can serve as a foundation for sporting grounds, schools, or anything else required. Description of the production of the

ter: pretty and practical

The architect feels water has become too much of an aesthetic consideration in urban areas. The Dutch historic canals have been revided to an aquidle grant of real estate agents' sales pathes. Toly revided the management of the properties of the

Practical matters also need to be tended to. Waterborne const requires clear and consistent regulations for all sorts of things, including insurance, financing, water, gas and electricity hook-t acceptable levels of water pollution and legal aspects.

Ithuis has b 003, togeth an 'ampl Olthuis has built 50 floating homes since he founded Waterstudio.nl in 2003, topother with business partner Rolf Peters. Their outure ranges from an amphiban will aim the country, to two houses on a newly working on his first large scale project in the Netherlands which he working on his first large scale project in the Netherlands which he hope will prove the vability of his feast, his studio is designing the urban layout for 80 hectares of reclaimed land in the hinterland of The largue that will soon be re-flooded. Had off the 1,200 houses planned tounded waterstudio.ni in leters. Their oeuvre ranges wo houses on a newly vill be built on land, the cale and kind in the Ne other half on water. It is the first pro ject of its

"Floating is not dogma," Olthuis said. "We only use it were it makes sense economically or practically. This project is our testing ground for a construction method well suited to the Netherlands wet, marshy