

A smart island

Almere has very many aquatic plants. Limited mowing is allowed, is also done and provides value. The biomass is again raw material for new products, such as paper and biocomposite to make for example a bench. Almere also looked at restricting excessive growth of aquatic plants in some places. This is done for instants by the placing of a number of so-called Oxatur-islands in the water. On a trial basis.

Oxatur-islands

Many aquatic plants is a sign that the water quality is good. On the other hand we would like to have a little less of them at some places. You have to be creative if you cannot mow aquatic plants on a continuous basis. Therefore, Almere considers other innovative solutions to better manage the water quality. With the experiment Oxatur-islands we look for methods that are practical and which clarify at the same time the essence of a circular economy and can play a role in the Floriade. These Oxatur-islands will be made of waste material.

What does the island?

On top of these islands grow vetiver grass plants which extract the abundant nutrients for aquatic plants from the water and thus reduce. These grass roots will be two meters long and forms a natural protective place for fish.

What is the produce?

What's more, the roots are suitable to harvest for the cosmetics industry for the making of vetiver oil. A pilot project in Almere is done with these islands in the Weerwater en bij Marina Muiderzand.



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Gemeente Almere

