

OUR SOLUTION:

CREATING NEW SPACE ON THE WATER

Building floating structures on water it is possible to gain space for food production and urbanization without competing for scarce land.

Floating v.s. Land reclamation



Image Source: blue21



Image Source: : www.portcalls.com/nii-builders-takes-p74b-reclamation-project-expand-manila-harbour-centre/

Floating developments	Land reclamation
Ecological habitat created, less disruptive	Detrimental impacts on corals and marine life
Scalable and no time needed for soil stabilization	Large capital investment needed to start with
Adaptive to sea level rise	Not adaptive, dikes
Resistant to earthquakes and tsunamis	Vulnerable for natural events
Possible prefabrication elsewhere with fast deployment	Long construction period

INDYMO – Impacts of floating structures

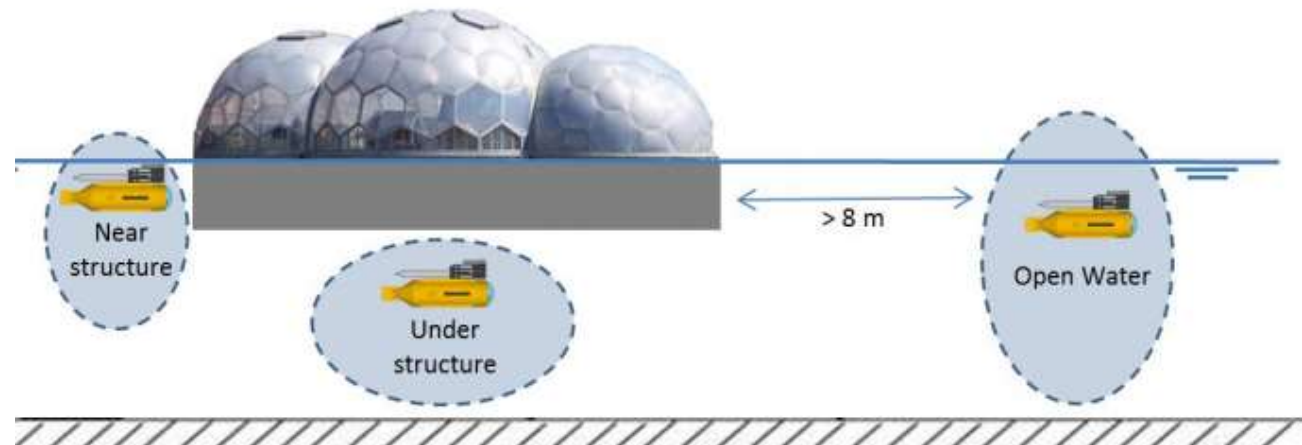


INNOVATIVE
DYNAMIC
MONITORING

Water quality and ecology

Several case study locations
(15+) with floating structures
around the Netherlands

Measurement campaign from
2014-2020



Rui L. Pedroso de Lima, Rutger E. de Graaf-van Dinther, Floris C. Boogaard (2022); Impacts of floating urbanization on water quality and aquatic ecosystems: a study based on in situ data and observations. *Journal of Water and Climate Change* 2022; jwc2022325.