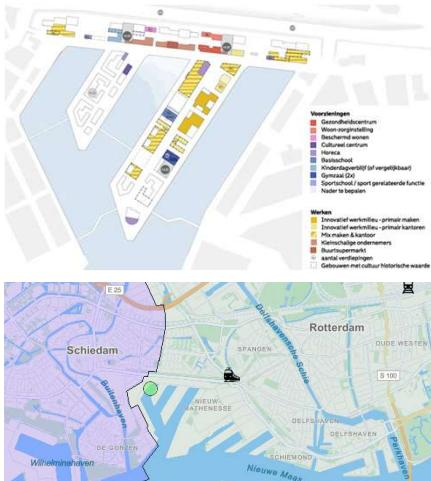


## Target Audience



## Location

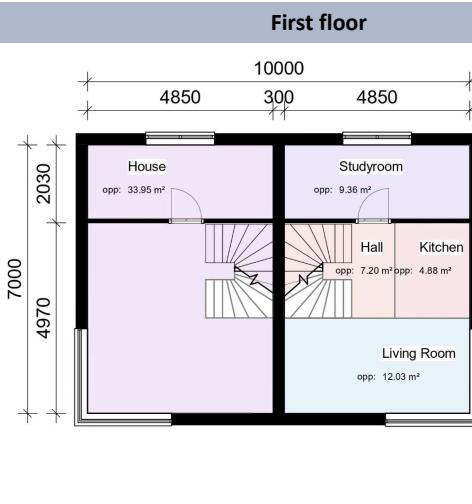
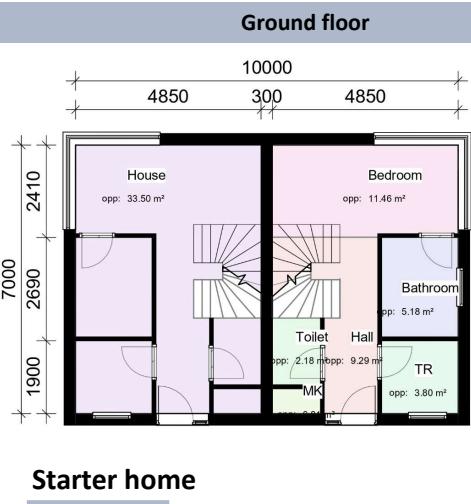


# NO FOOTPRINT HOUSES BY THE A1-VISION

## *Floating Houses Merwe-Vierhaven (M4H)*



Cross section  
AA

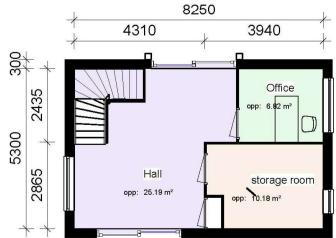
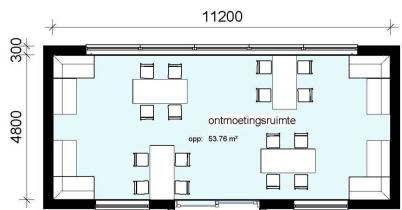


Single-family house

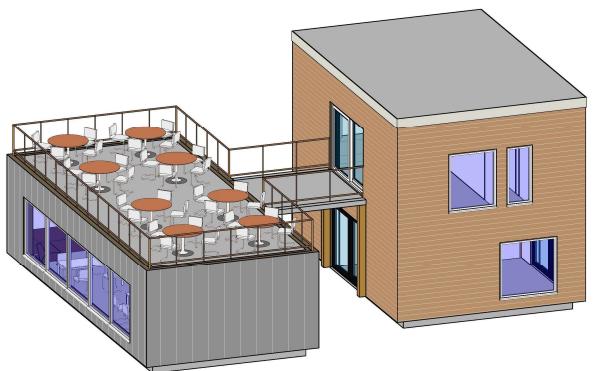
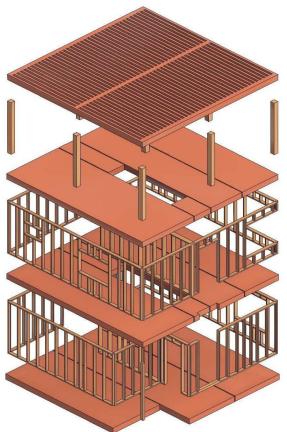
Starter home

# The HUB

## Ground floor

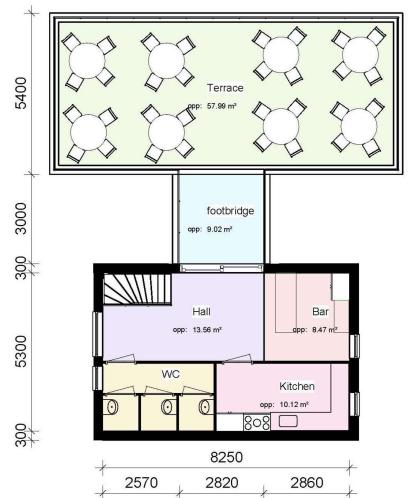


## 3D construction model

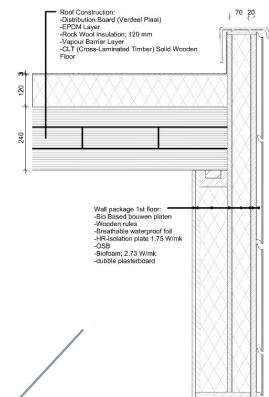
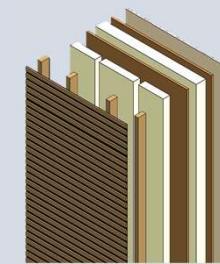


3D HUB

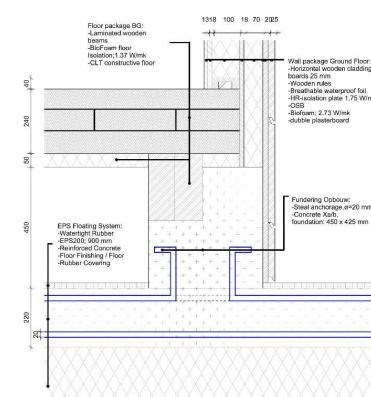
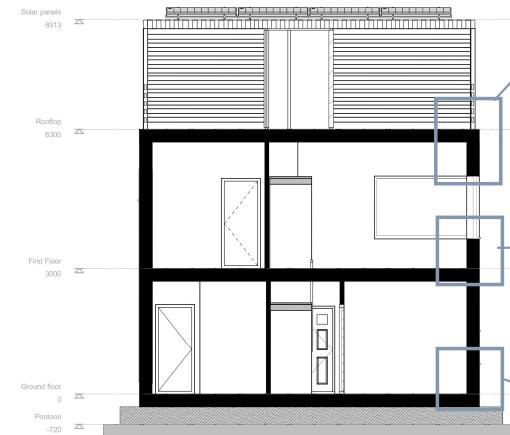
## First floor



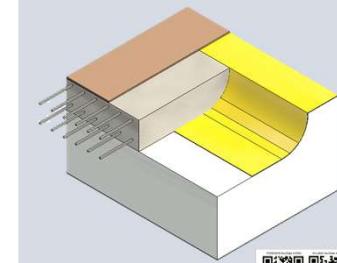
## Exploded view wall



## Detail drawings



## 3D view Pontoon

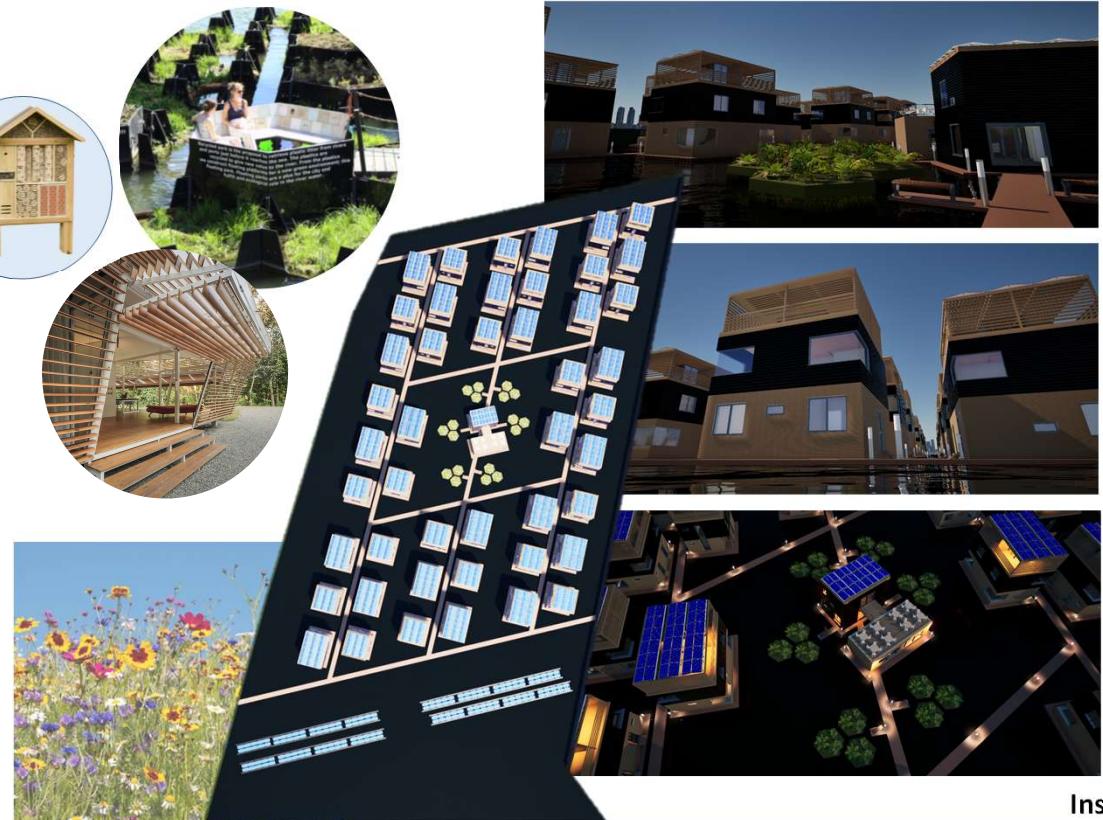


## The logistic plan

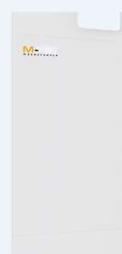


### Logistic plan

- Prefab HSB-elements produced at RDM
- Transport to M4H by water
- Why Water Transport?
  - 37% CO<sub>2</sub> reduction
  - Zero city disruption
- Technical Setup
  - Barge + electric push tug
  - 4 homes per trip
- Loading & Unloading
  - Telescopic cranes (RDM & M4H)
  - No intermediate storage
  - Direct placement on floating base
- Planning & Phasing
  - Just-in-time delivery
  - 1 house = 1 day assembly



## Installations



Water-water heatpump

Solar panels

HRV-Unit balanced ventilation

PONTOON YouTube VIDEO



VILLAGE YouTube VIDEO

