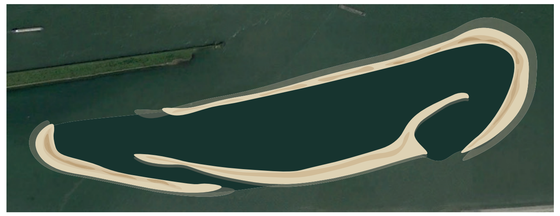
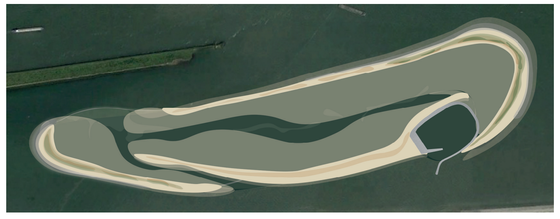


1:10.000
N

1:1.000

Year 0 - Start construction island by raising sand ridges



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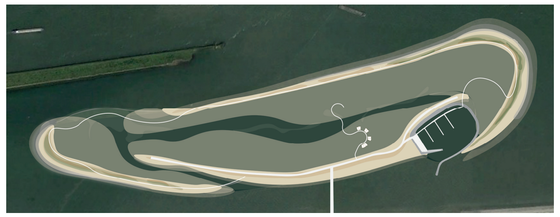
Year 0 - 3 - Anchor the sandridges with stones and vegetation. Fill the area between the sandridges by spraying on excessive silt from the bottem of the IJmeer.



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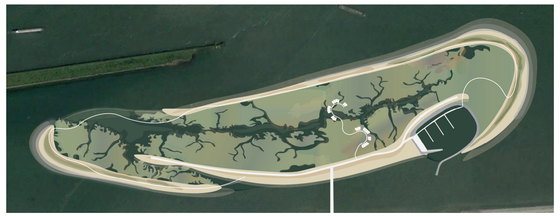
Year 5 - Plant diverse underwater plants, grasses and shurbs to start the first ecological processes by attracting, insects, birds and fishes.



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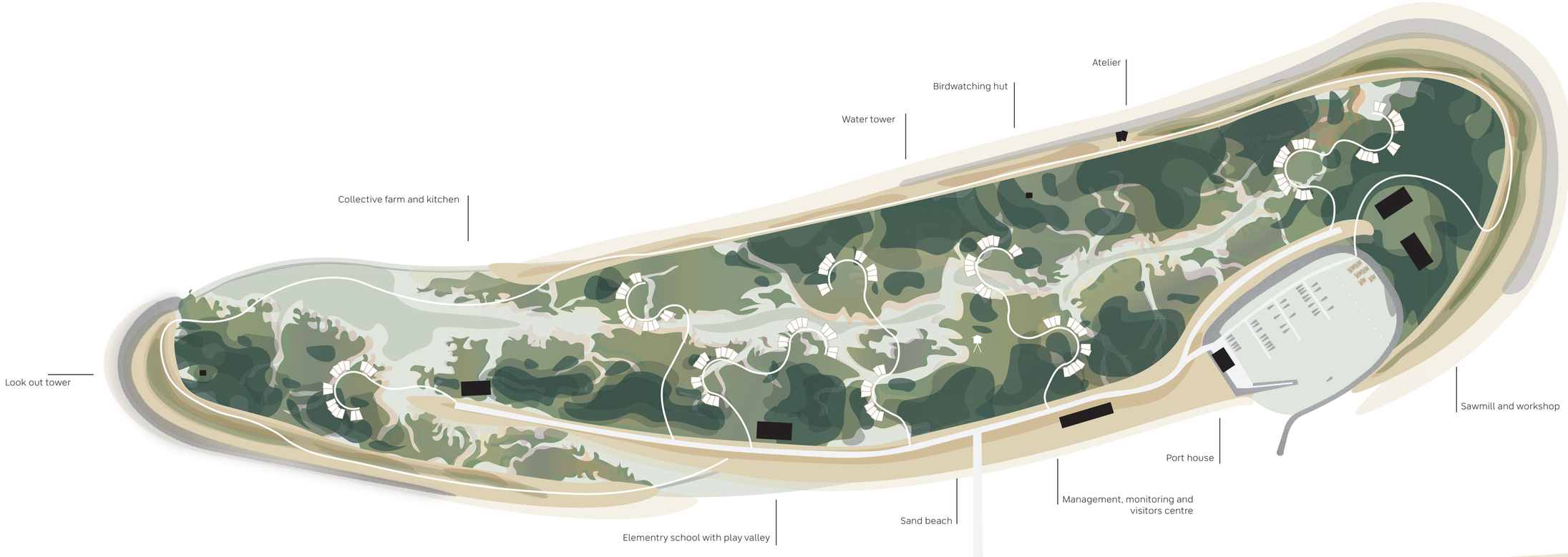
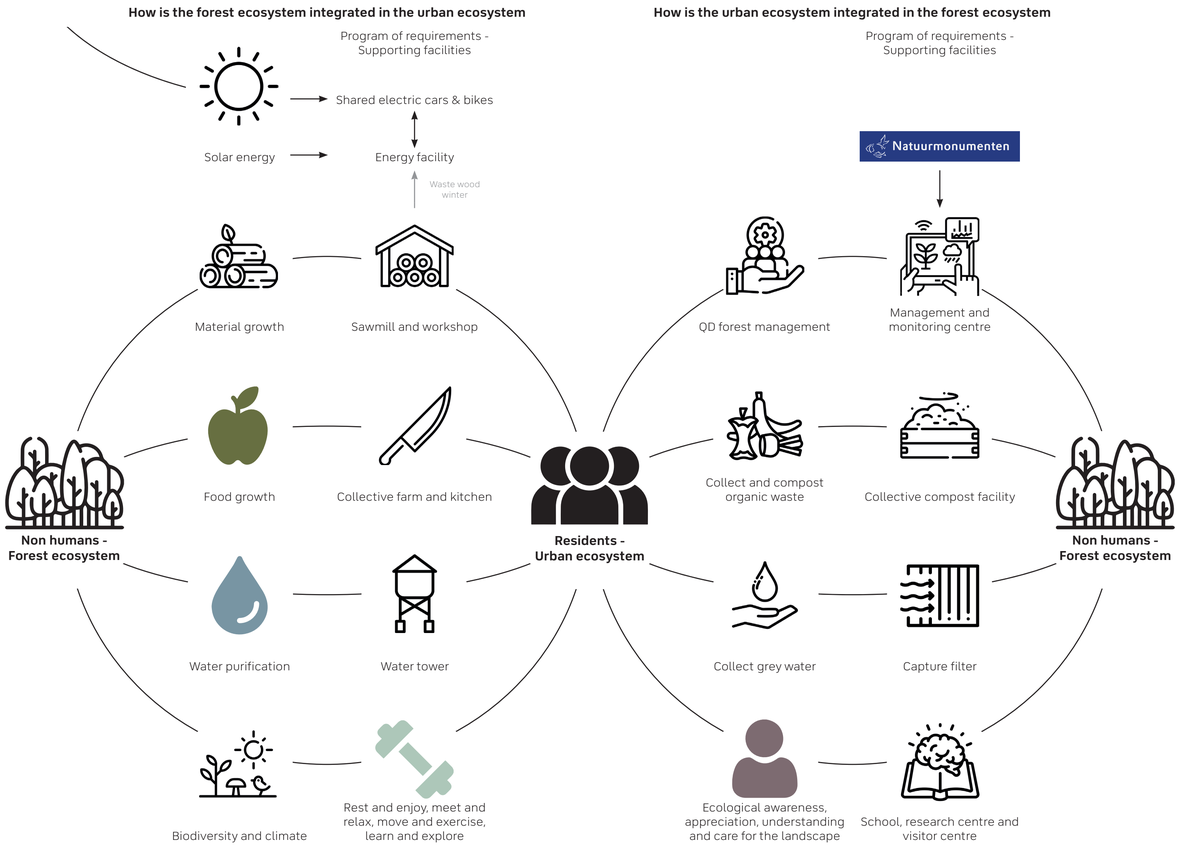
Year 7 - 8 - Plant the first trees close to each other according to the miyawaki reforesting method. To create a self sustaining forest ecosystem within 10 years.

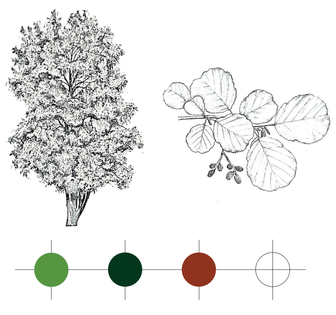

Atelier
Birdwatching hut
Water tower
Collective farm and kitchen
Look out tower
Sawmill and workshop
Port house
Management, monitoring and visitors centre
Sand beach
Elementry school with play valley
1:2.500
N


How is the forest ecosystem integrated in the urban ecosystem
Program of requirements - Supporting facilities
Shared electric cars & bikes
Solar energy
Energy facility
Waste wood winter
Material growth
Sawmill and workshop
Food growth
Collective farm and kitchen
Non humans - Forest ecosystem
Residents - Urban ecosystem
Water purification
Water tower
Biodiversity and climate
Rest and enjoy, meet and relax, move and exercise, learn and explore
How is the urban ecosystem integrated in the forest ecosystem
Program of requirements - Supporting facilities
Natuurmonumenten
QD forest management
Management and monitoring centre
Collect and compost organic waste
Collective compost facility
Non humans - Forest ecosystem
Collect grey water
Capture filter
Ecological awareness, appreciation, understanding and care for the landscape
School, research centre and visitor centre


Buitenspelen zoals een vol op school mogen zijn
Johan Cruijff

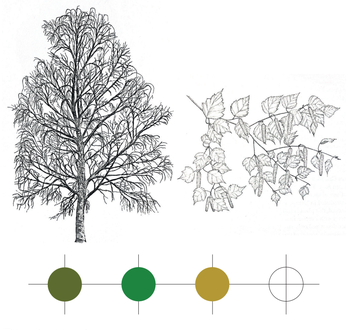
1:500

Black Alder (Zwarte Els) - Alnus glutinosa



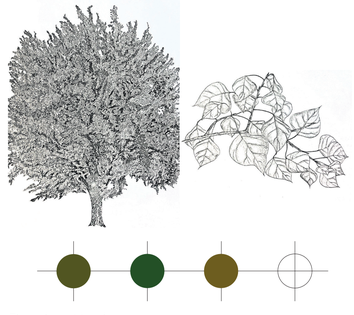
Alder timber

Birch (Berk) - Betula pendula Roth



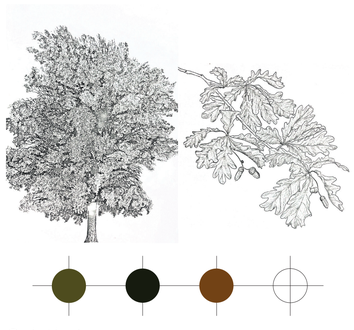
Birch timber

Black Poplar (Zwarte Populier) - Populus nigra L.



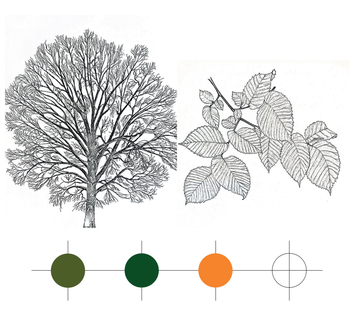
Poplar timber

Oak (Eik) - Quercus petraea



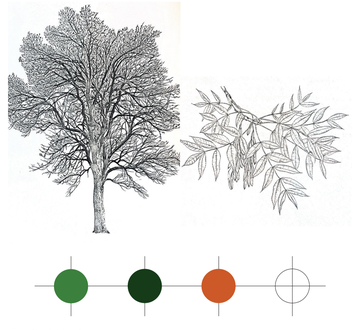
Oak timber

Elm (Iep) - Ulmus glabra



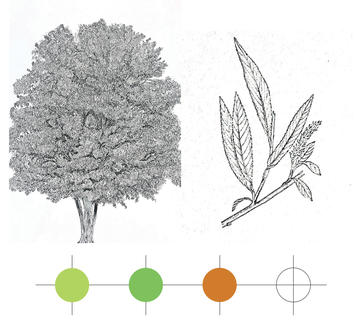
Elm timber

Ash (Es) - Fraxinus excelsior

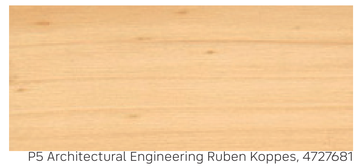


Ash timber

Willow (Wilg) - Salix alba L.



Willow timber



The dancing floors create different positions and views in relation to the landscape 1:100

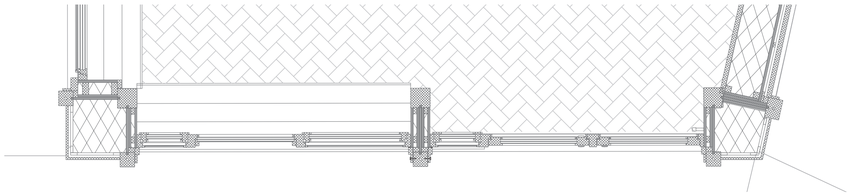
Interior impression of a wetland dwelling overlooking the sandy plain landscape

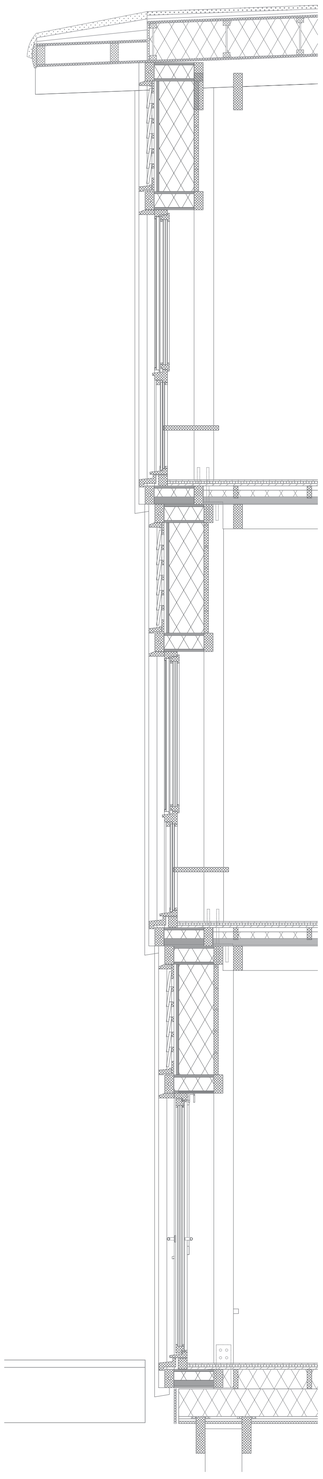
The flexibly useable rooms enable creating different spatial conditions and views
N 1:100

Materializing of a wetland dwelling

P5 Architectural Engineering Ruben Koppes, 4727681

Facade fragment forest dwelling 1:25





Facade fragment wetland dwelling 1:25