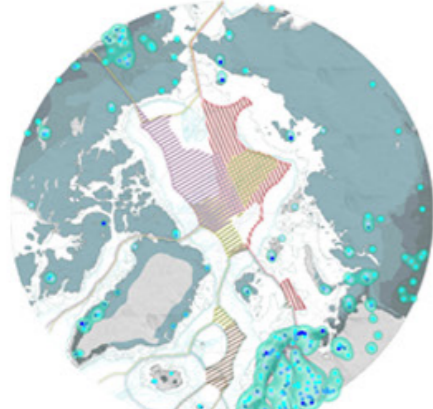
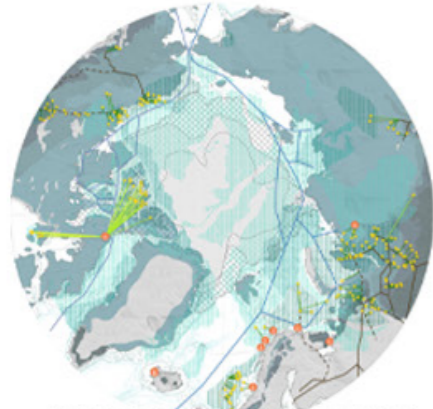


Environmental Conditions



Territorial Conflict

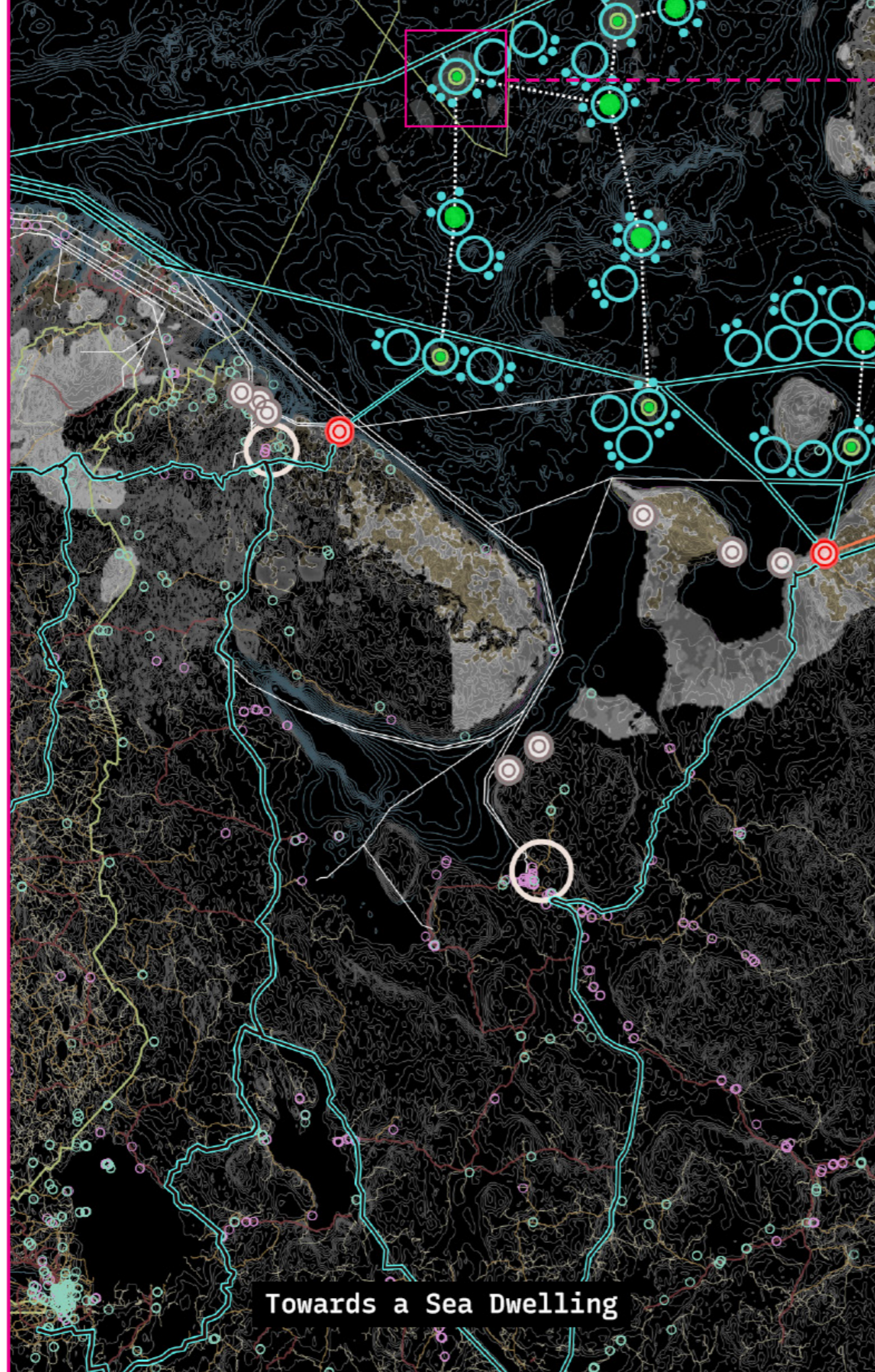


Hydrocarbon Infrastructure

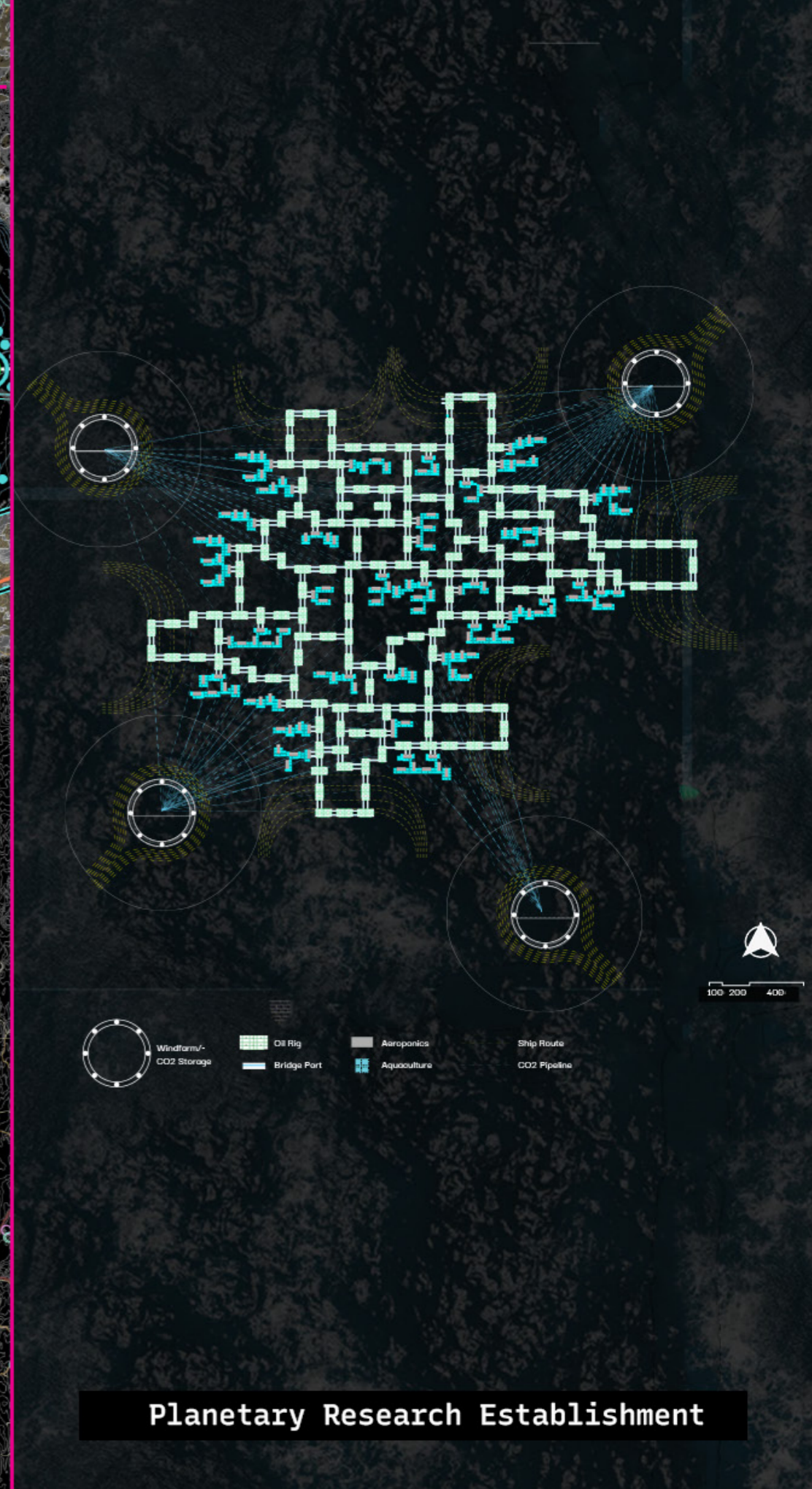


Transport Network

Hydrocarbon Collapse

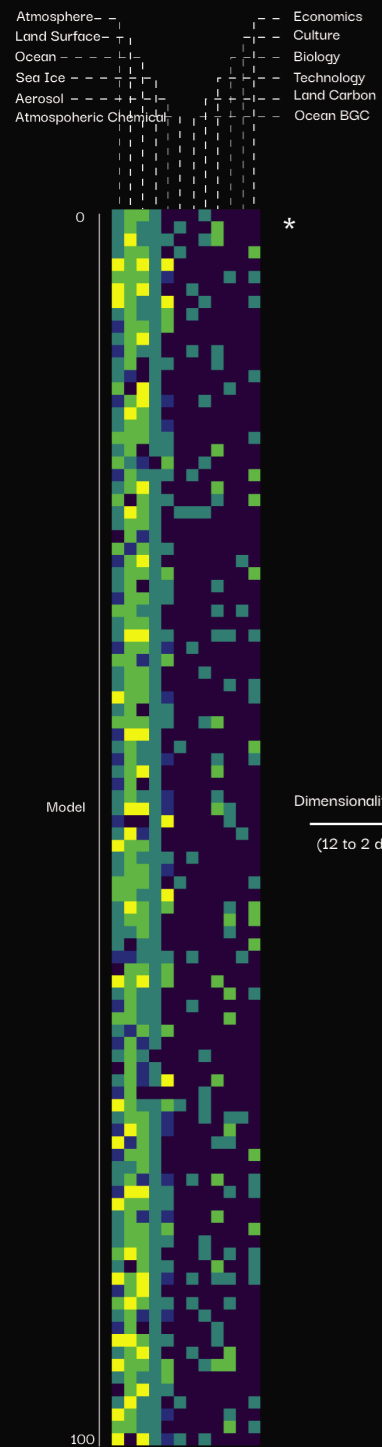


Towards a Sea Dwelling

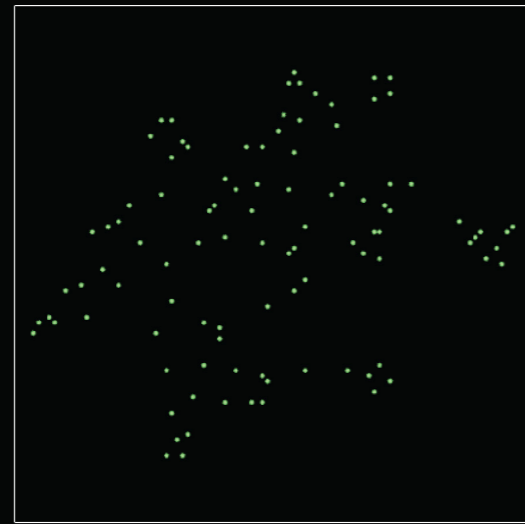


Planetary Research Establishment

Climate Models Compositions



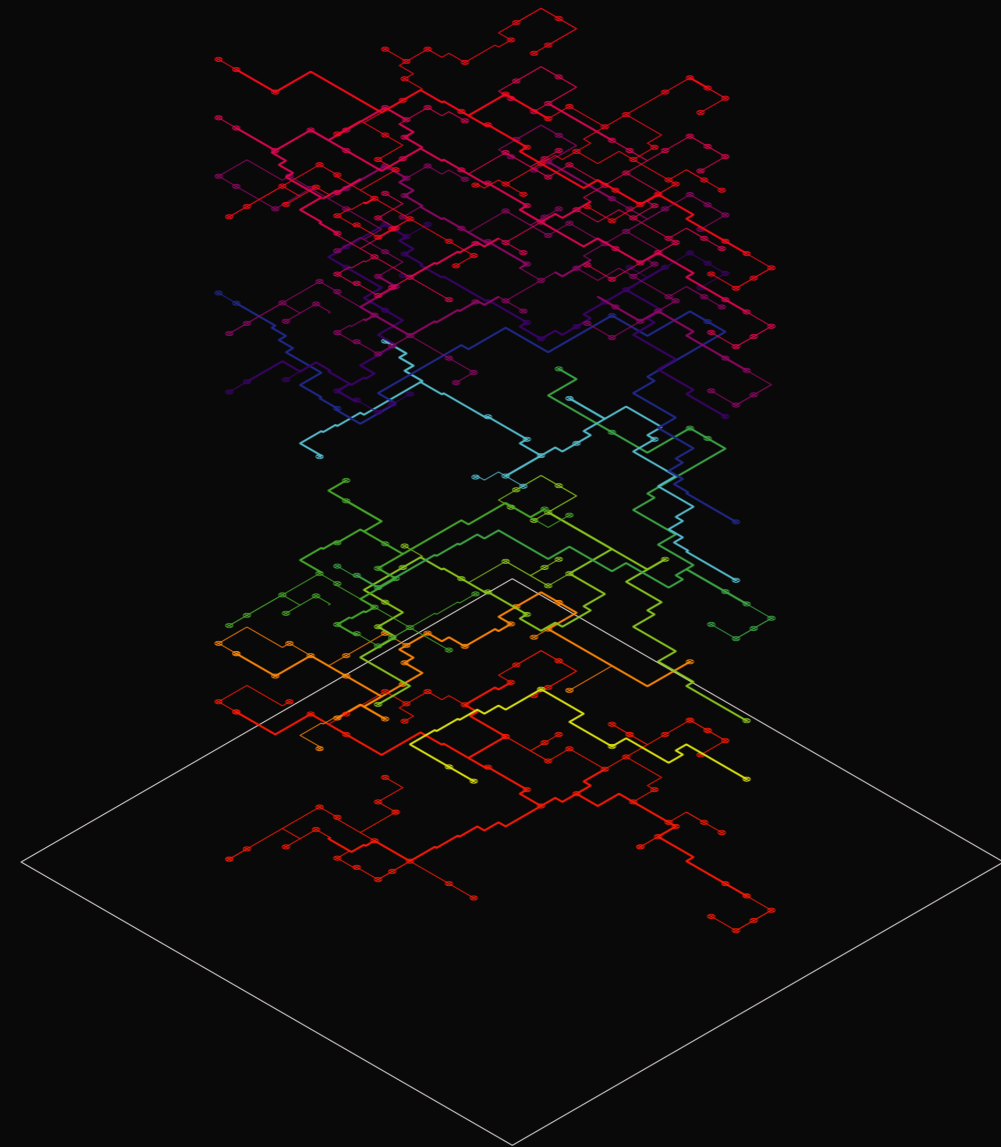
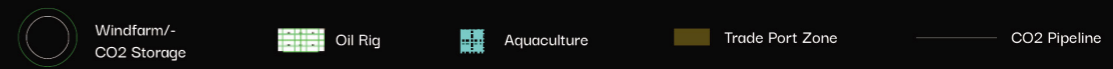
UMAP #14



Distributive Breakdown of Climate Science Locations

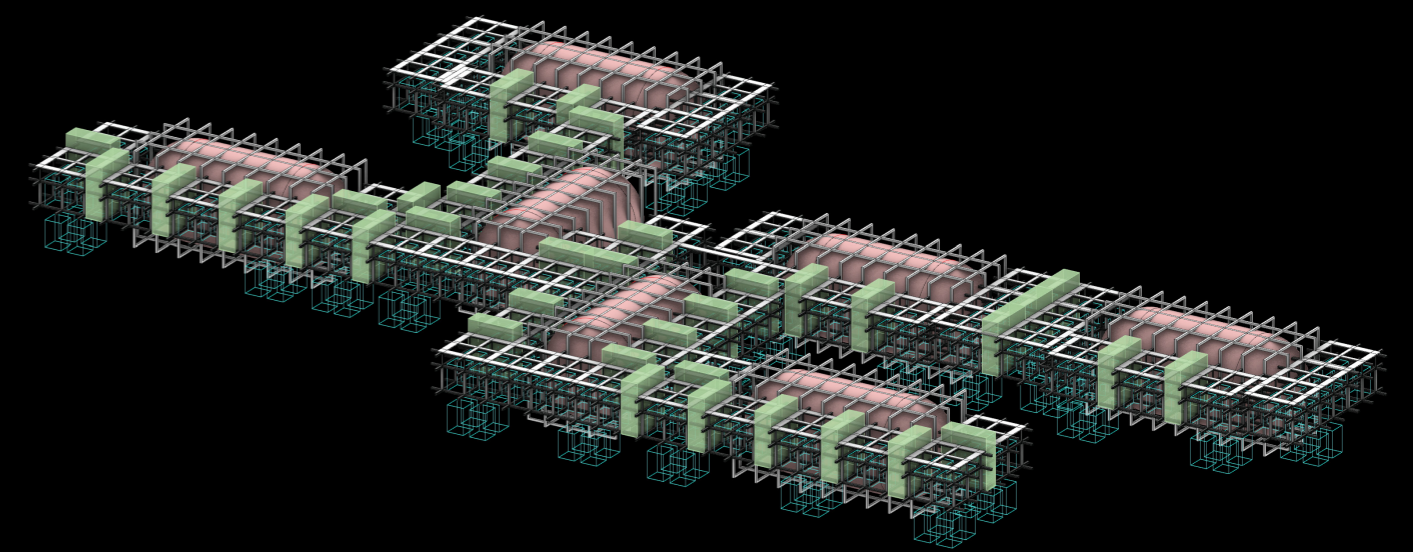
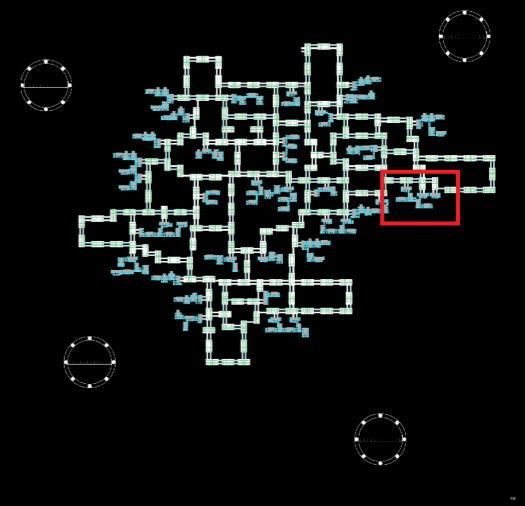
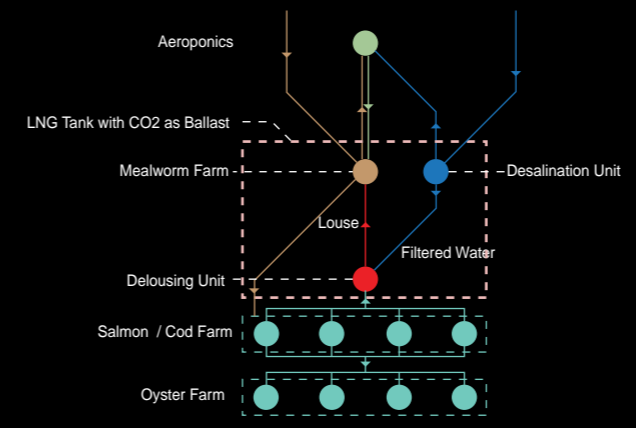
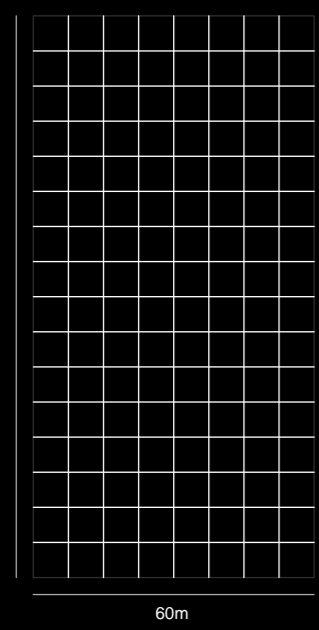
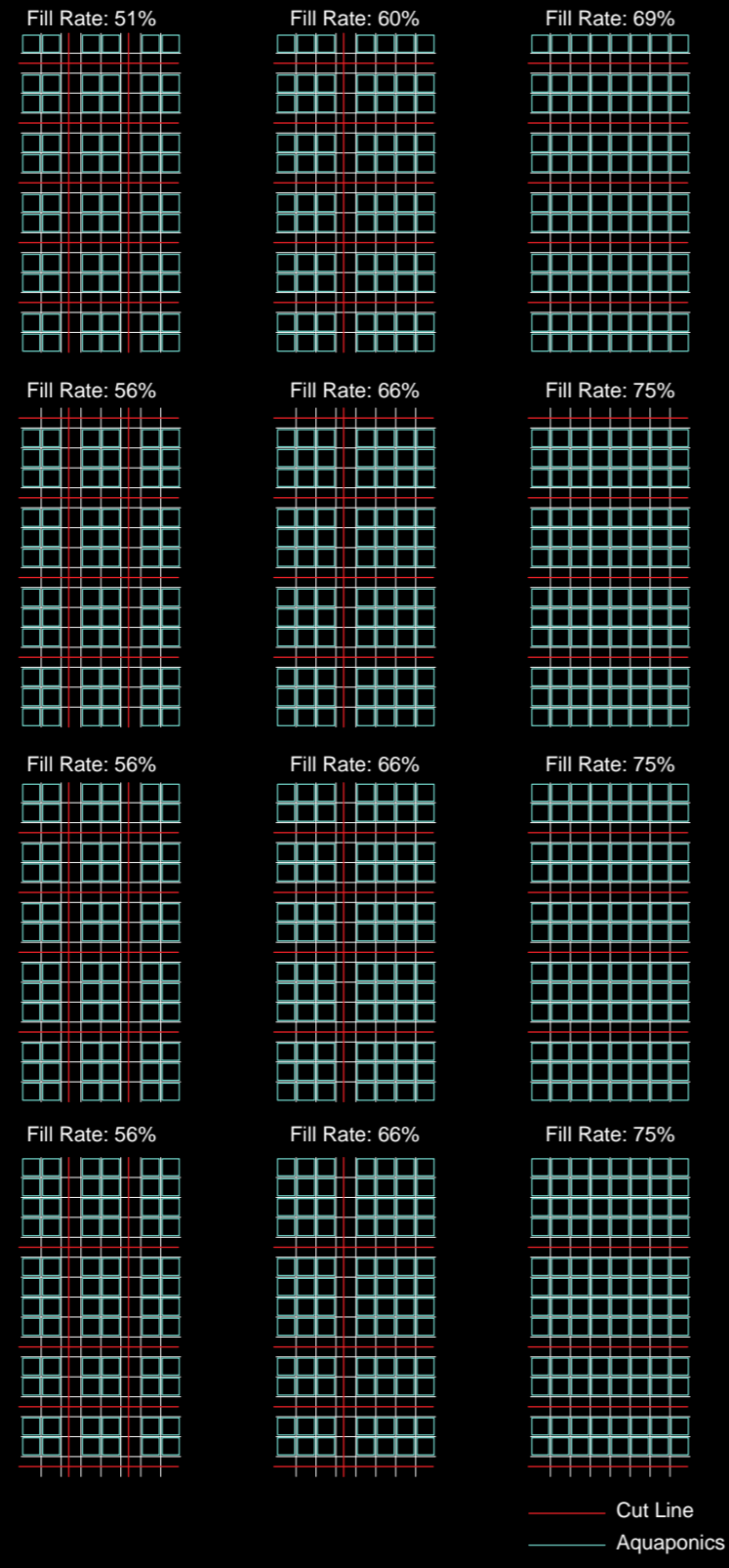
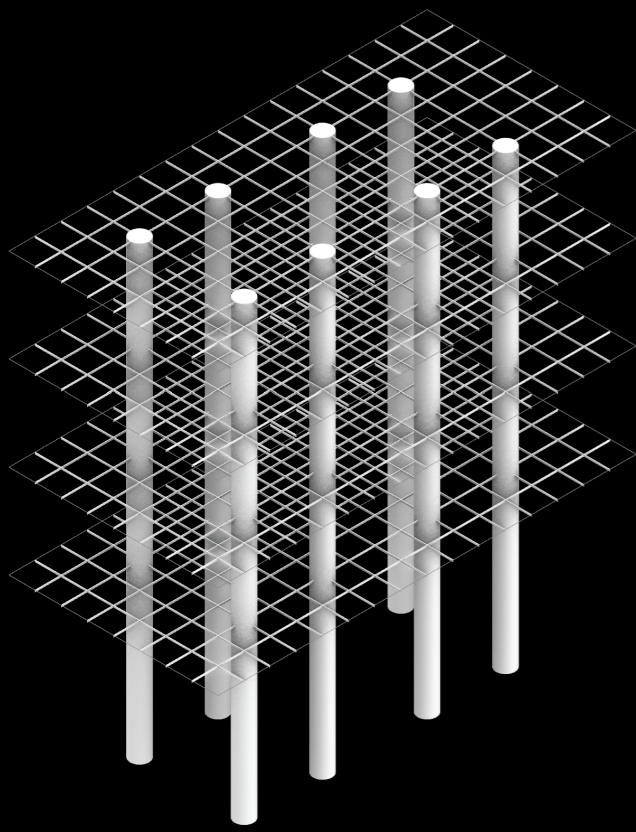


Growth Logic: Set trading port around protruding circumference of point cloud
 Rig grows towards nearest rig clusters and forms a loop
 If distance to food source is far, form a loop
 Allow for clear passage of ship route through cluster during relocation of rig

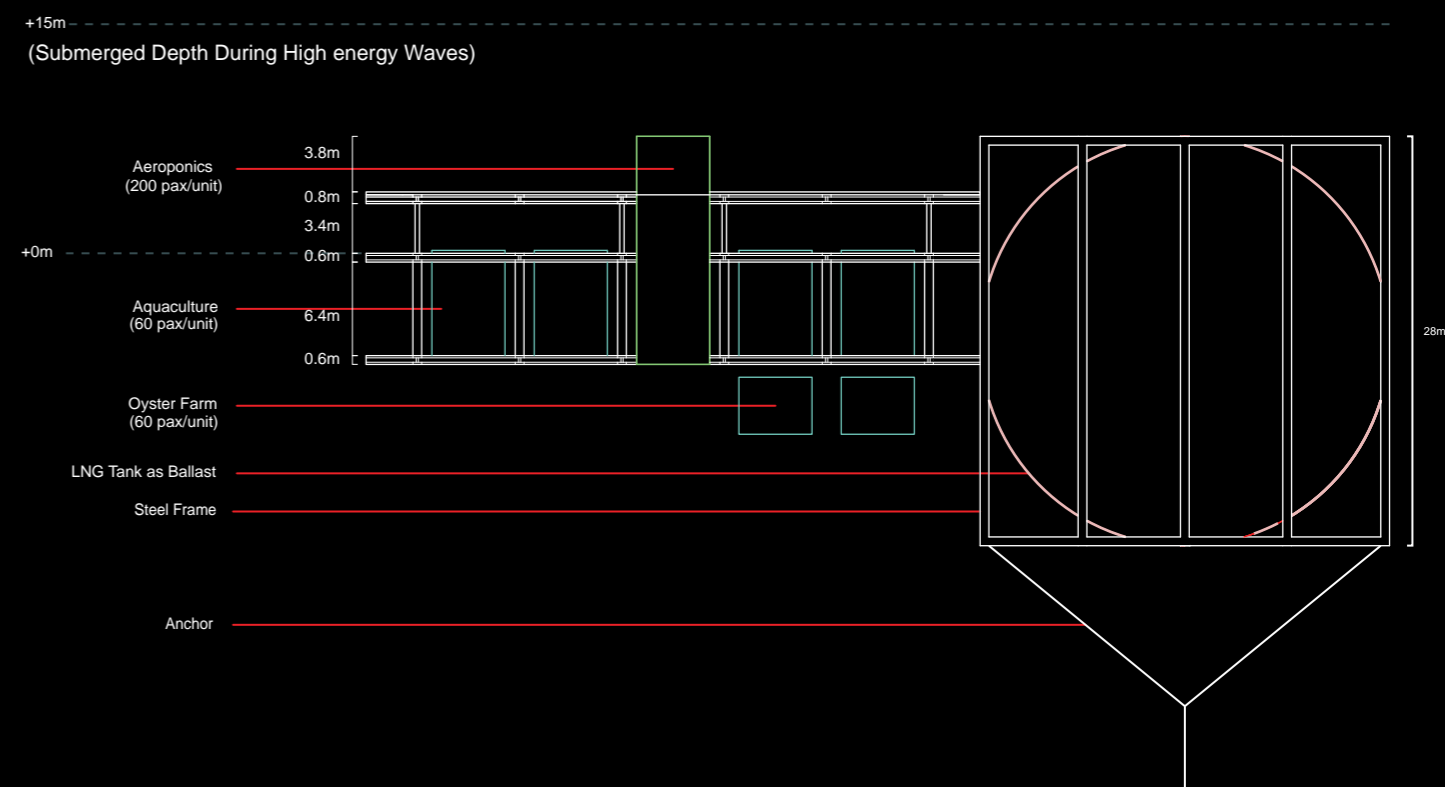


Dimensionality Reduction
 (12 to 2 dimensions)

* Distribution of climate model composition is an es

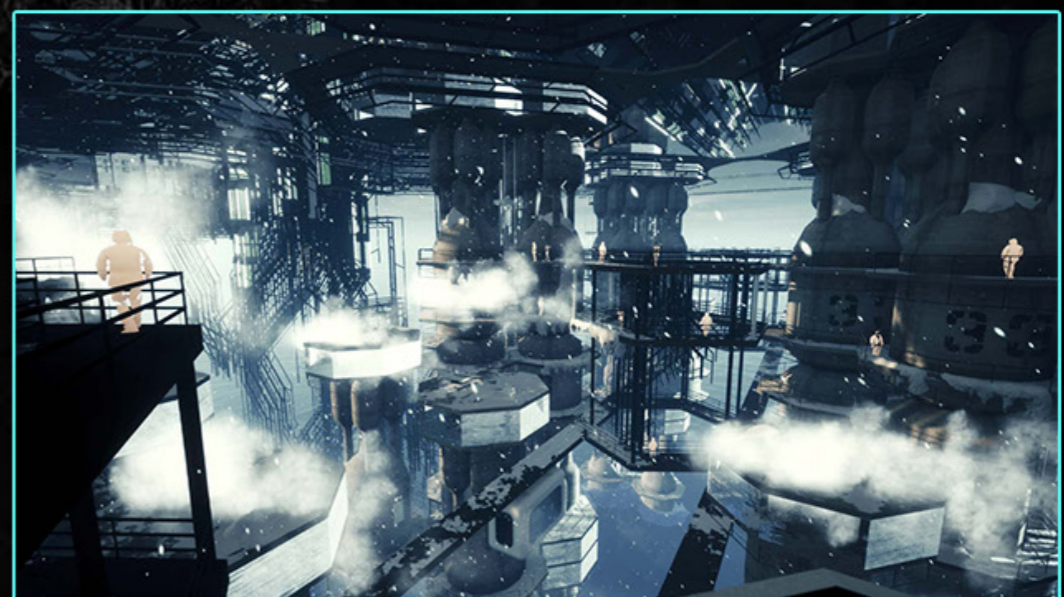
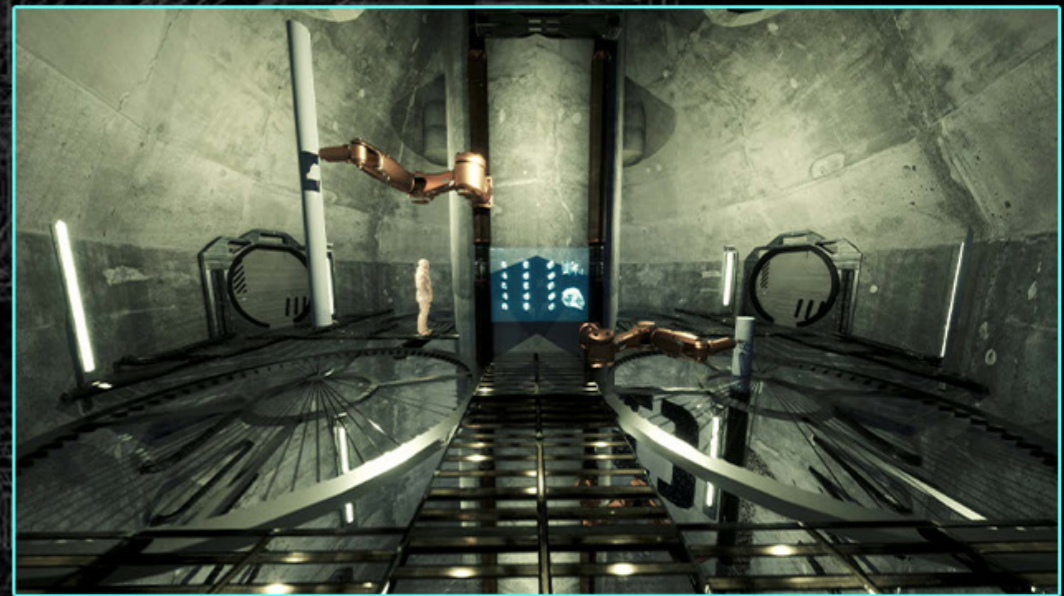
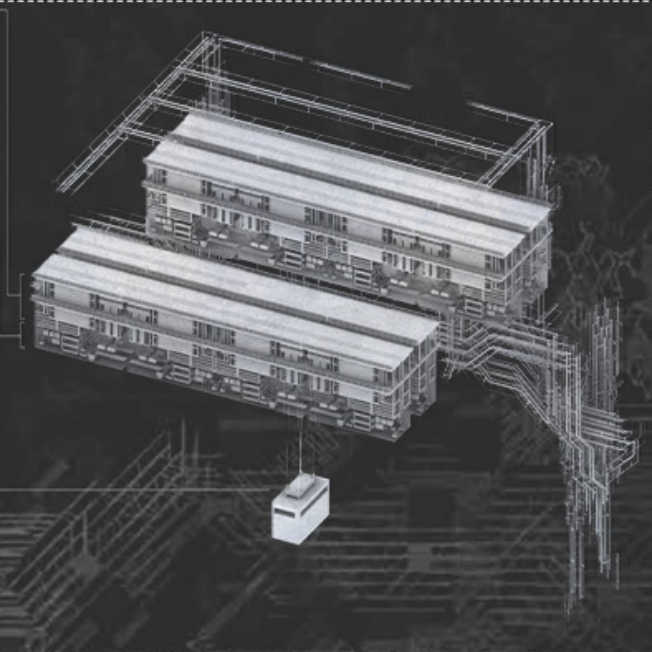
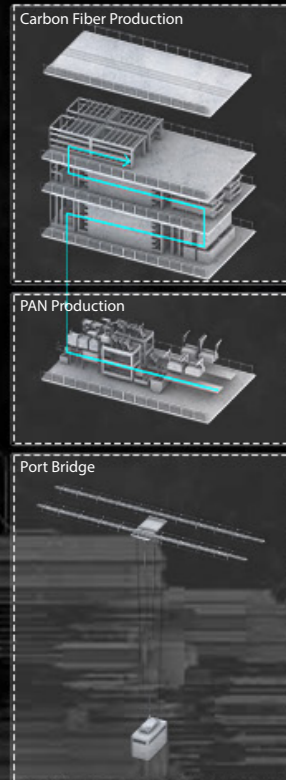


Elevation

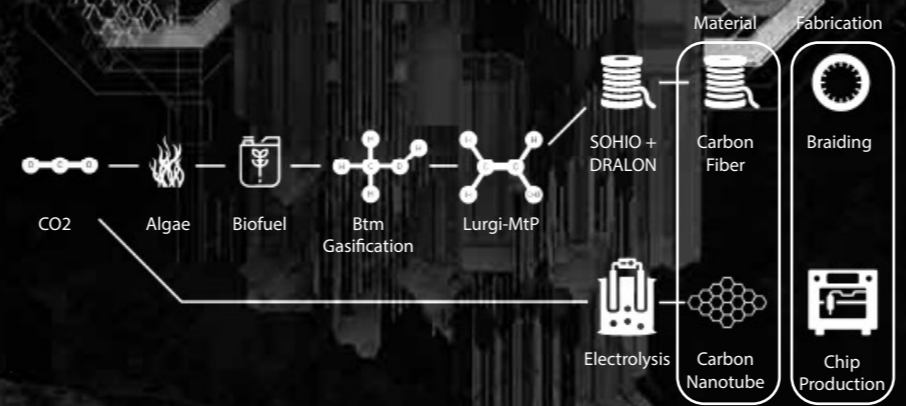
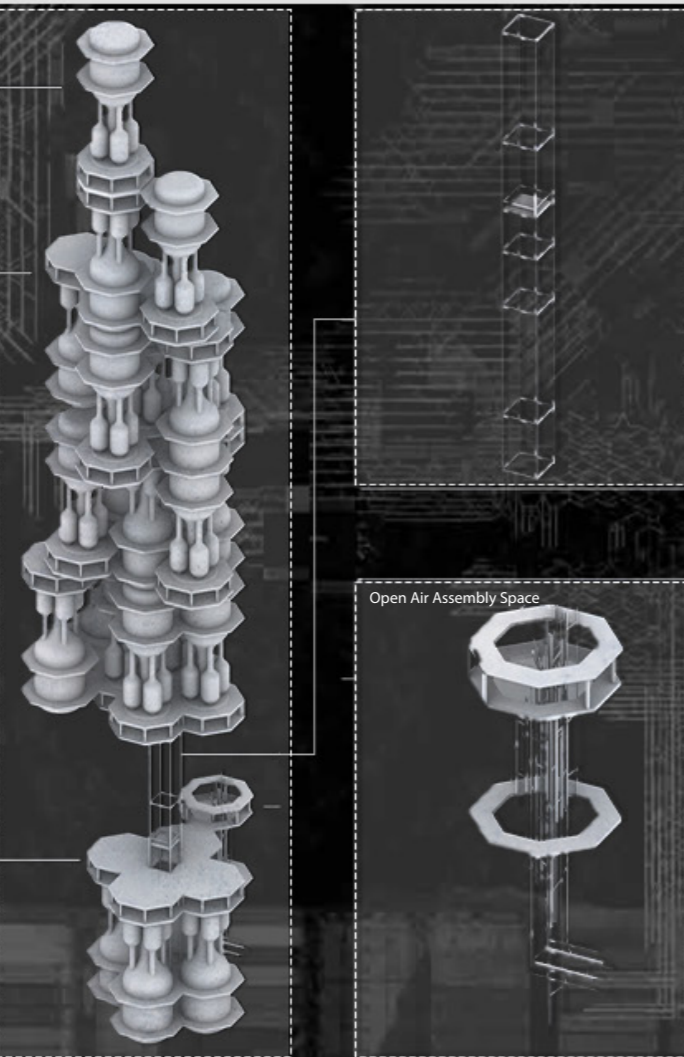
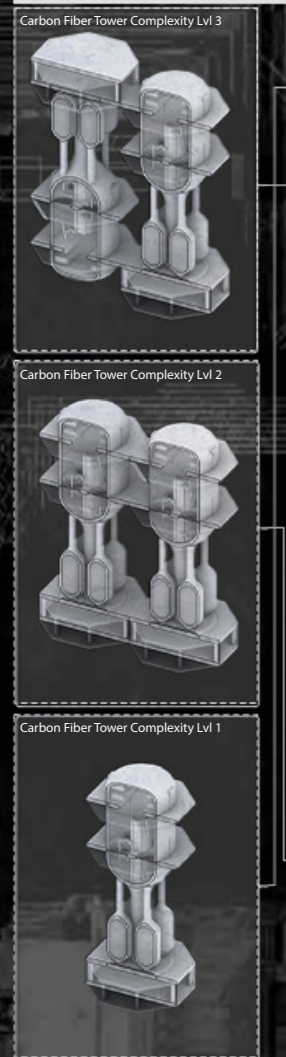


As the steel structure of the rid degrades over time, the frames are repurposed for aquaculture. LNG Tanks previously used for transporting natural gas is now a floatation device (containing CO2) amongst other types of farms. This allows the aquaculture farm to sink underwater whenever high energy waves approaches.

Carbon Fiber Production / Bridge Port



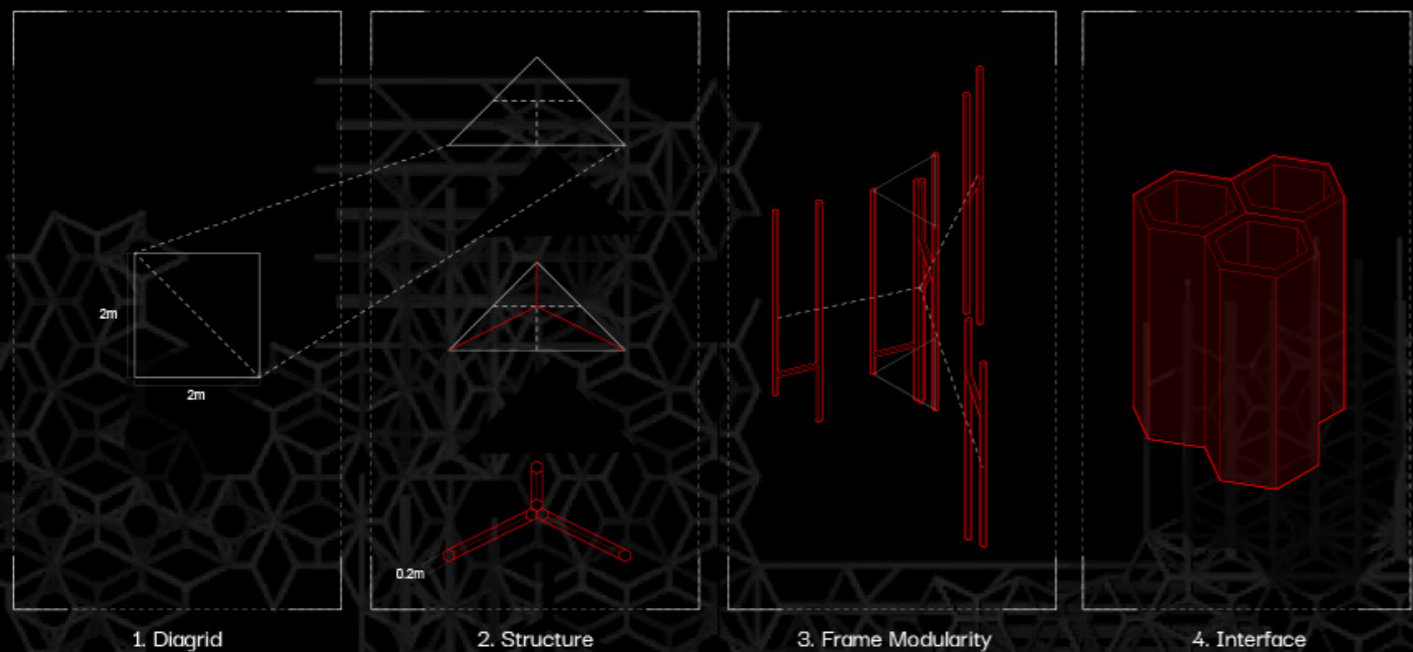
Carbon Fiber Weaving Tower



Carbon sequestration by algae is converted into biofuel which is further processed to produce both Carbon fiber and nanotube. These are further used to build infrastructure, sensors and data centers for climate research.

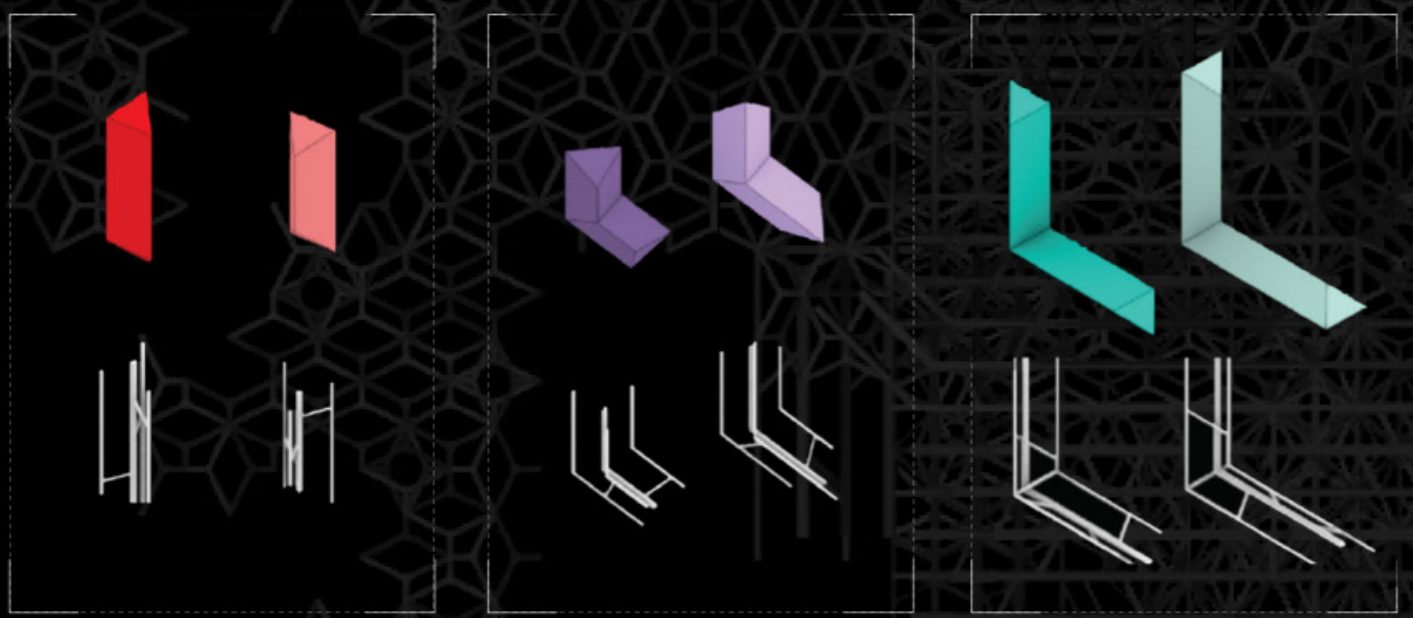
Carbon Fiber Structure

Structural Formation



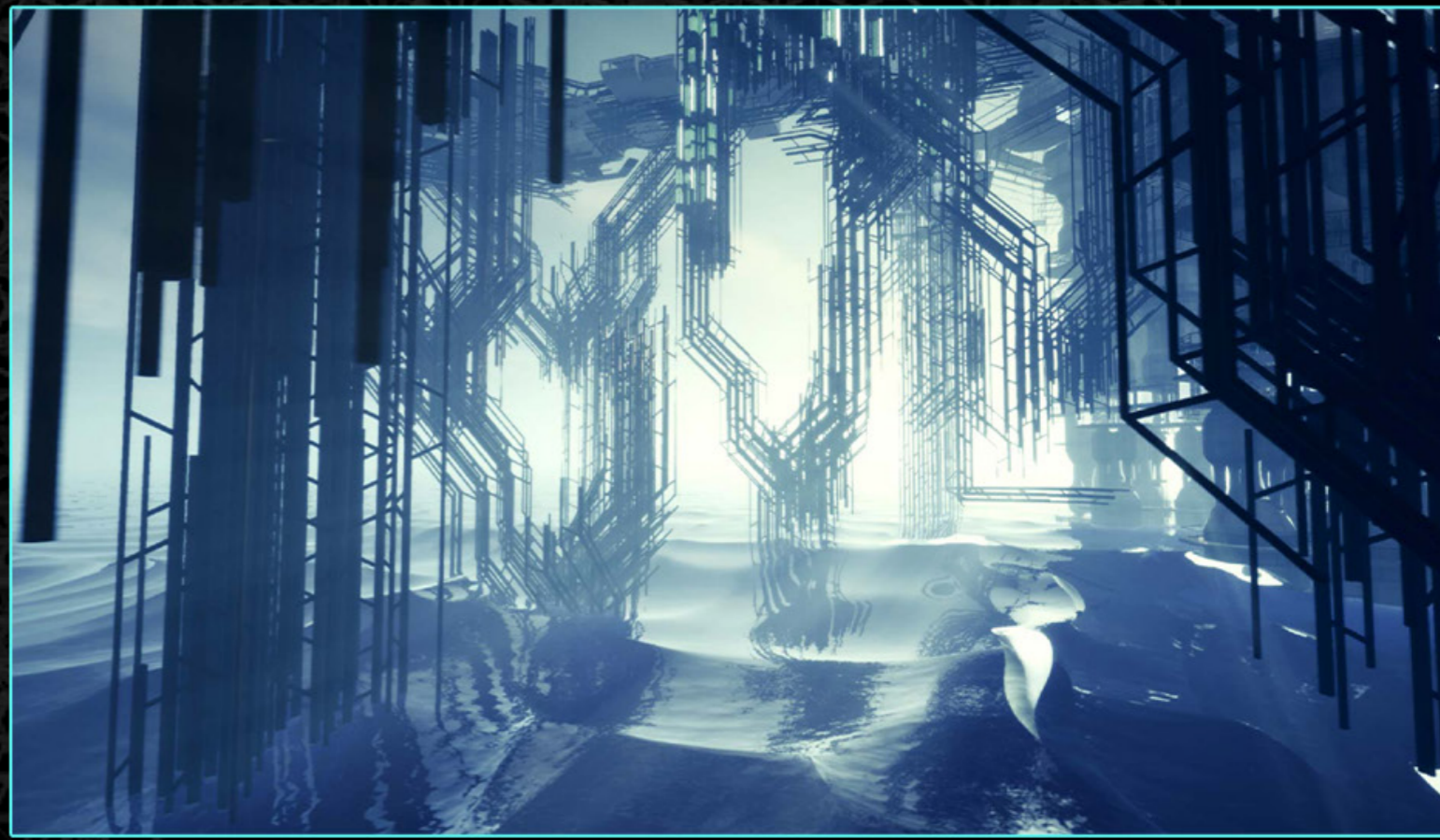
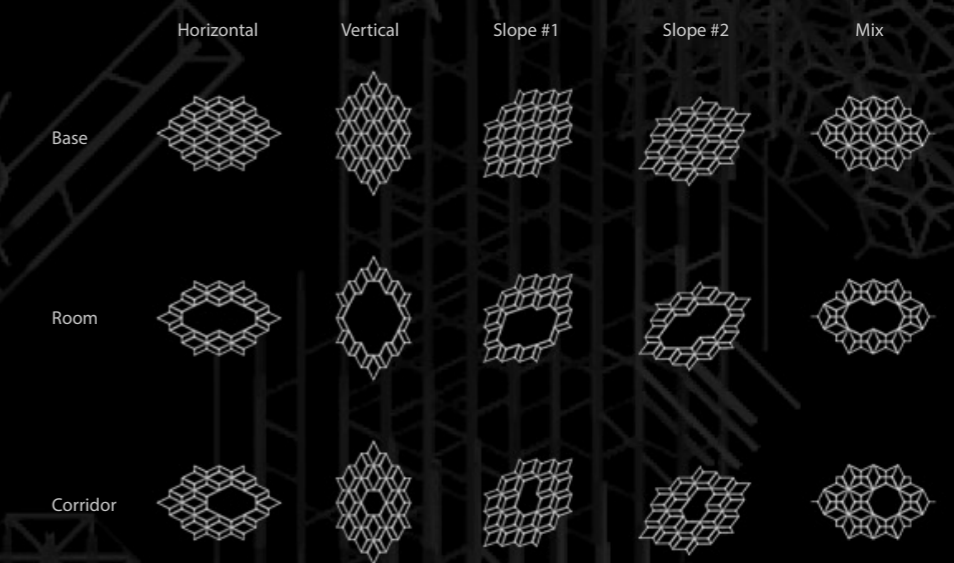
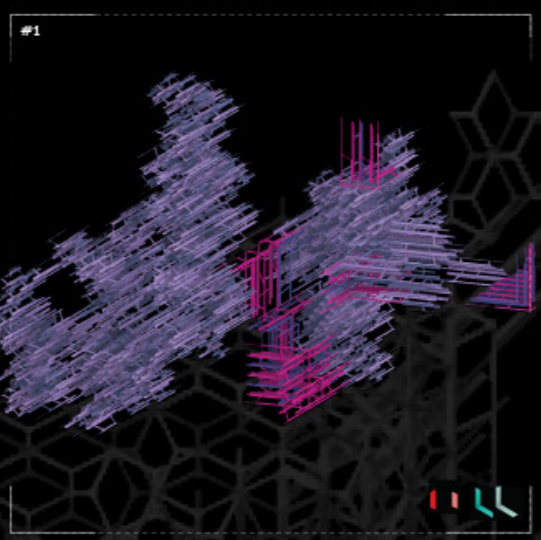
1. Diagrid 2. Structure 3. Frame Modularity 4. Interface

Frame Types

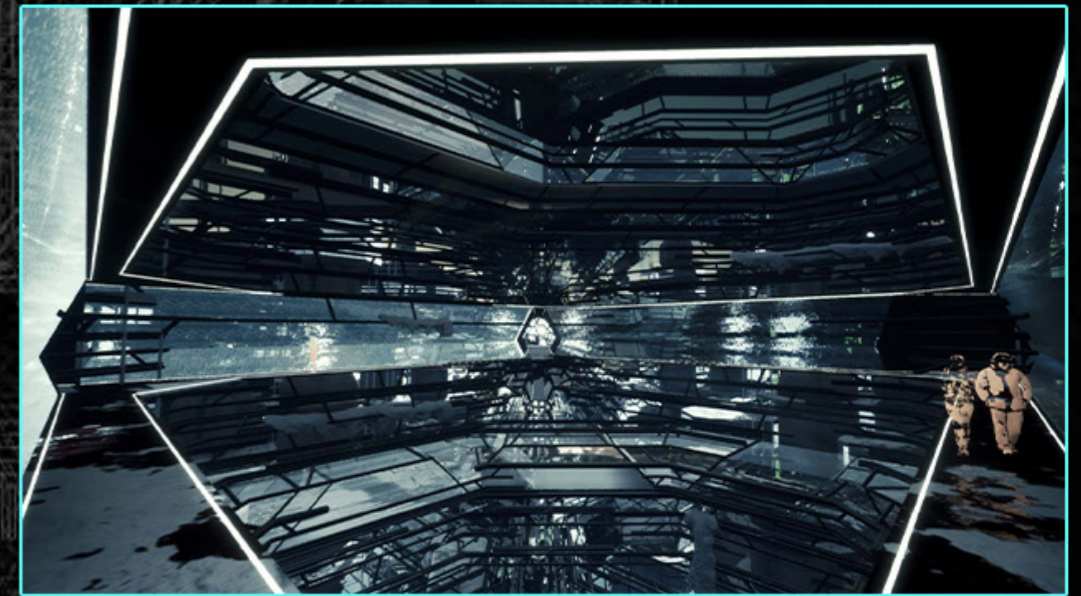
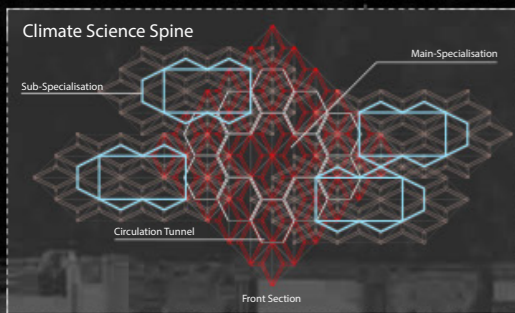
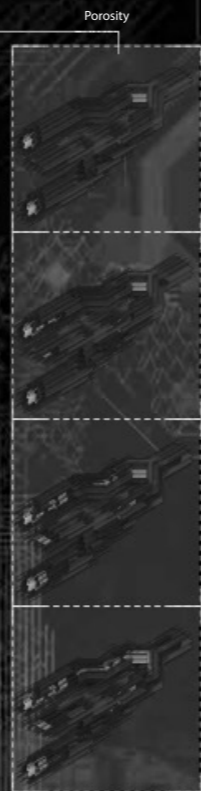
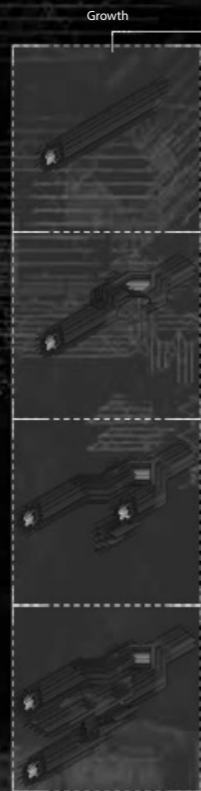
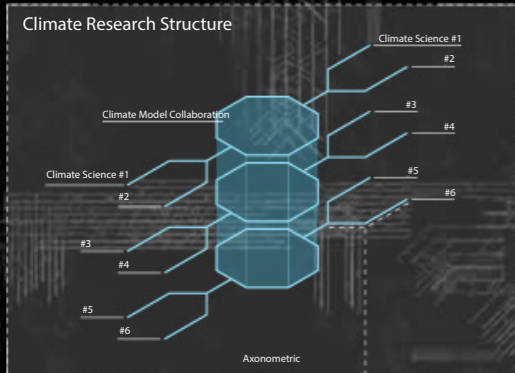
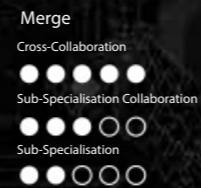
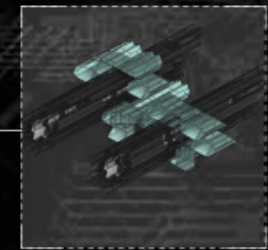
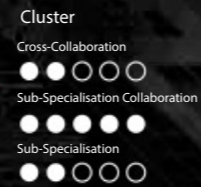
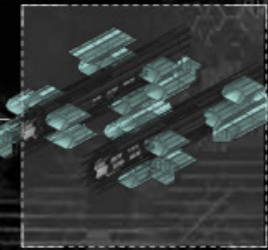
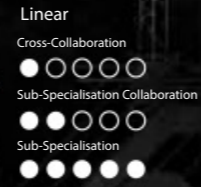
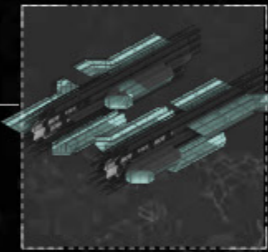
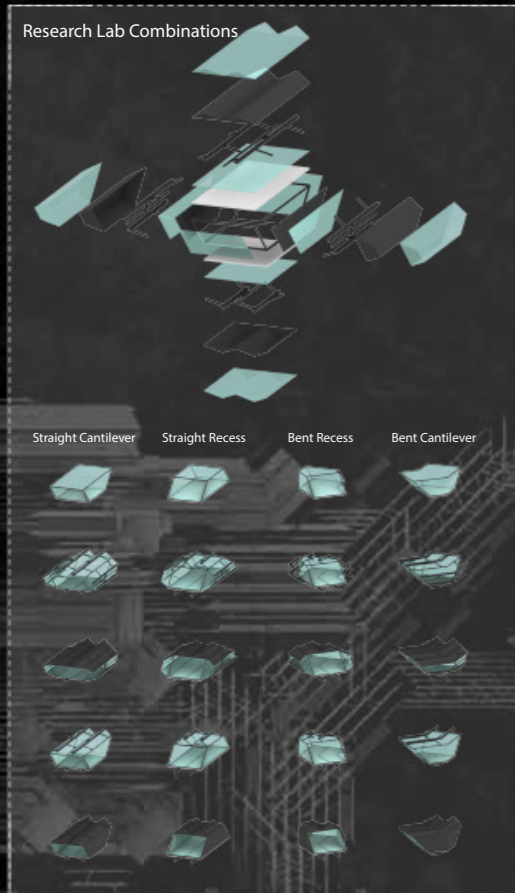


Straight Bent Corner

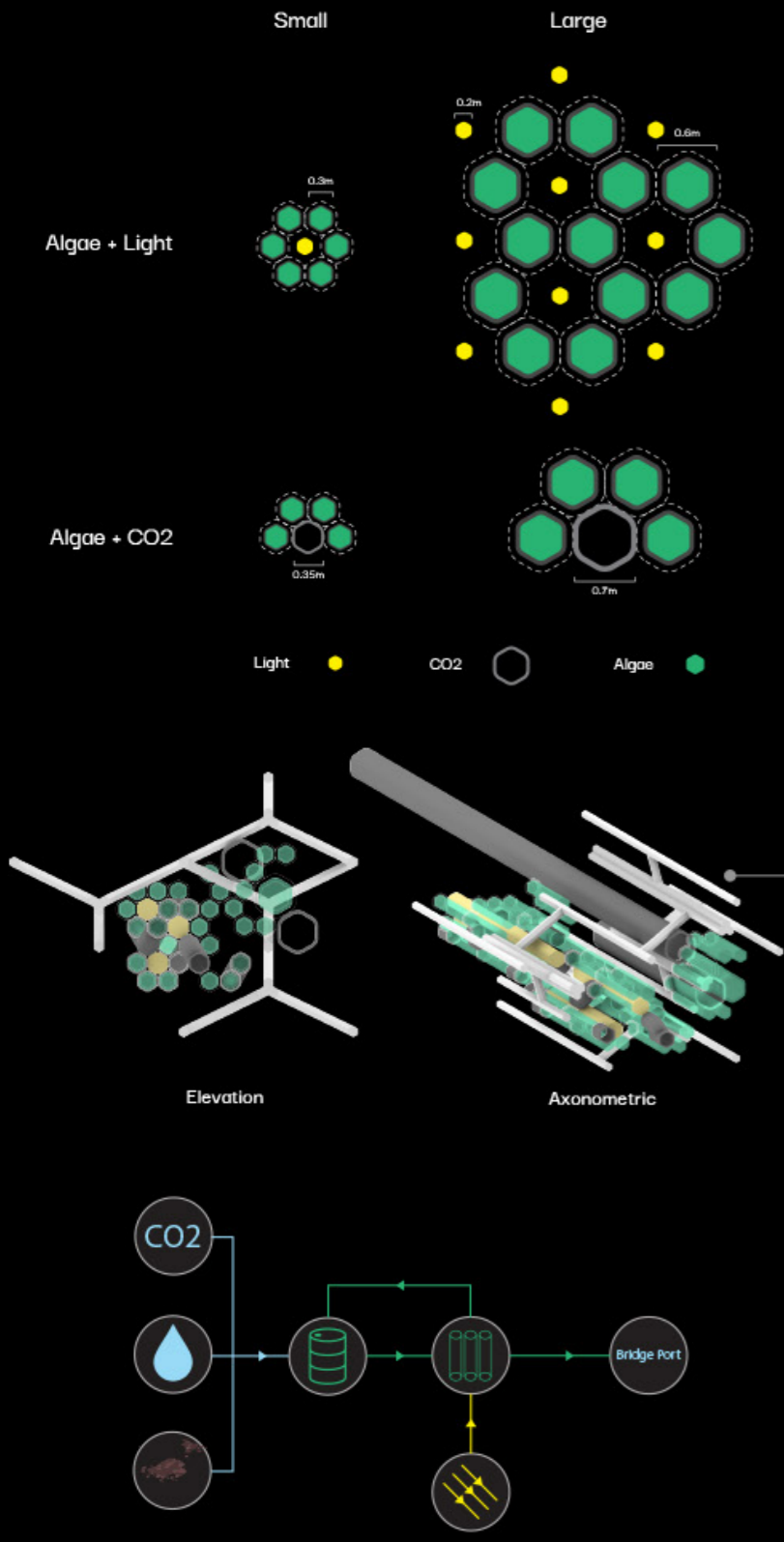
Frame Agglomerations



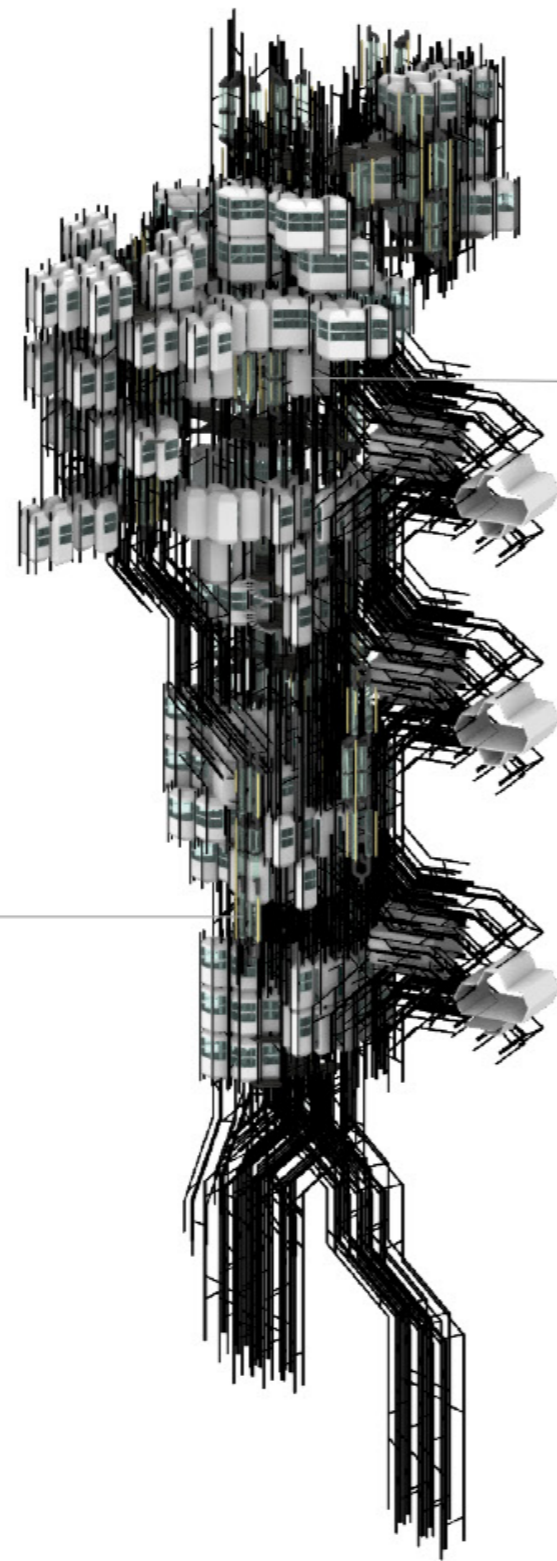
Climate Research Lab Aggregations



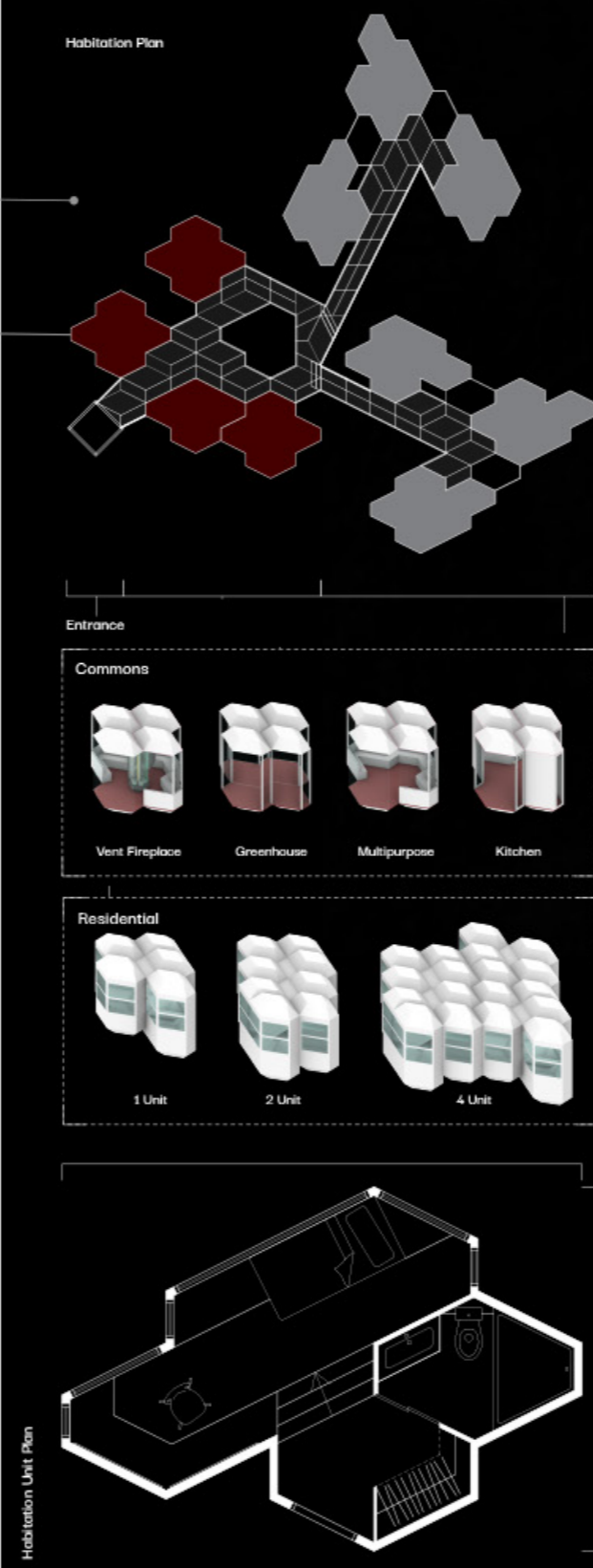
Algae Energy System



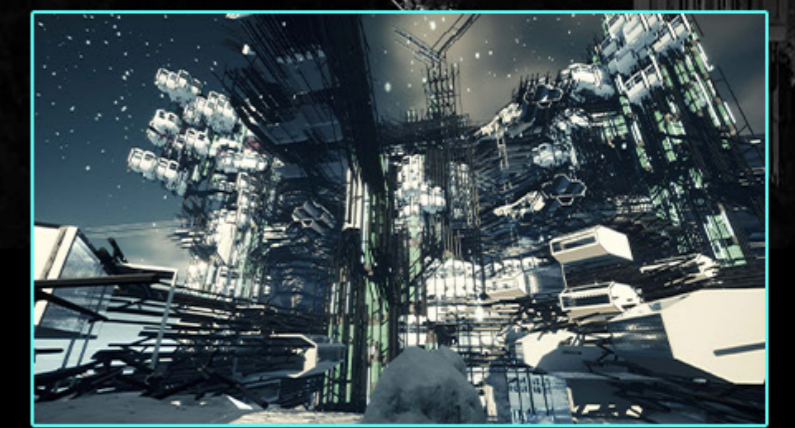
Habitation Tower

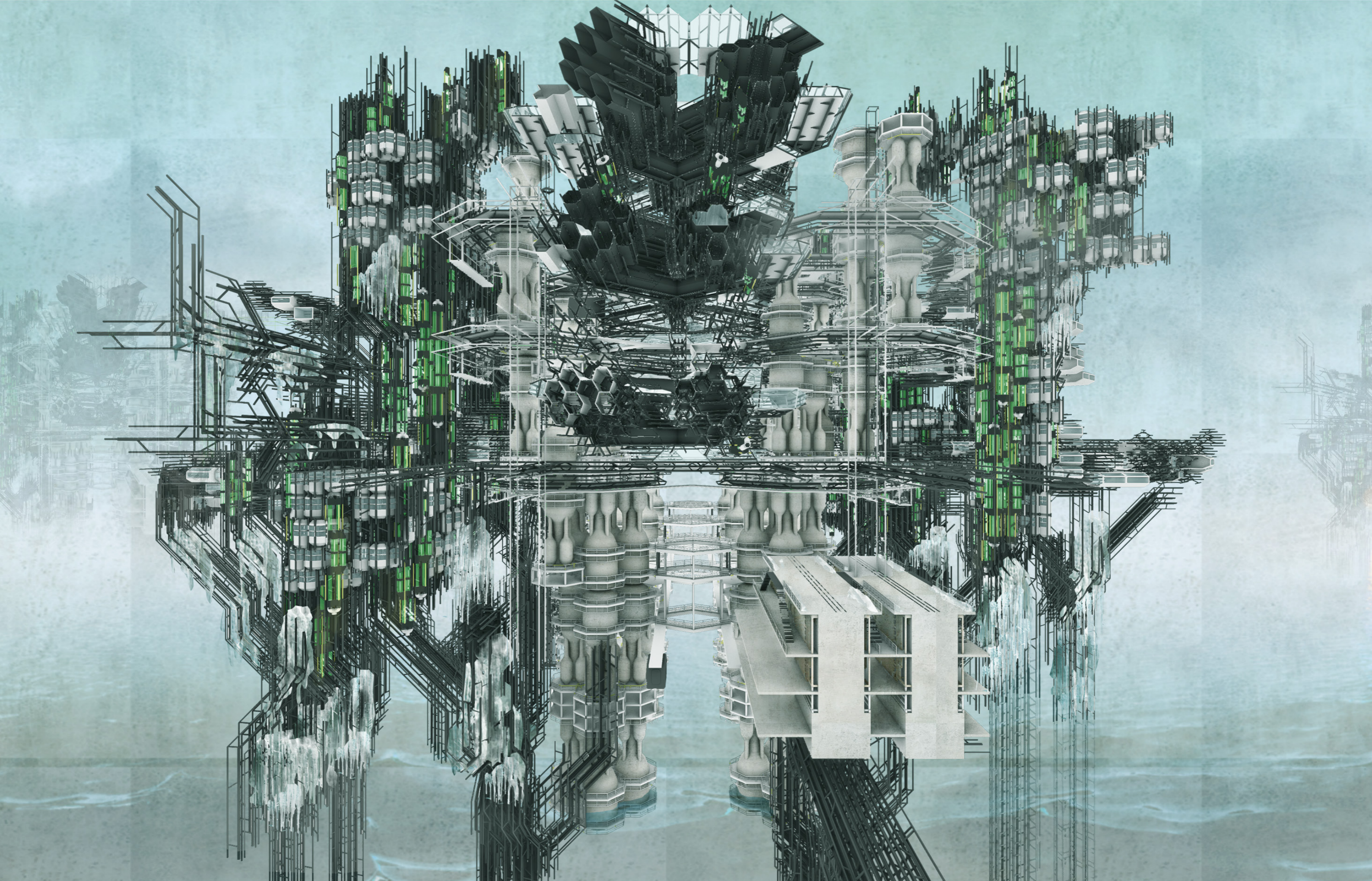


Habitation



Habitation units act as data-centres as well due to their carbon fiber and nanotube composition. Heat produced protects the algae modules from the cold of the Arctic. At the same time, the light tubes for algae photosynthesis provides light for the colony as well.





2022 JACQUES ROUGERIE FOUNDATION AWARDS

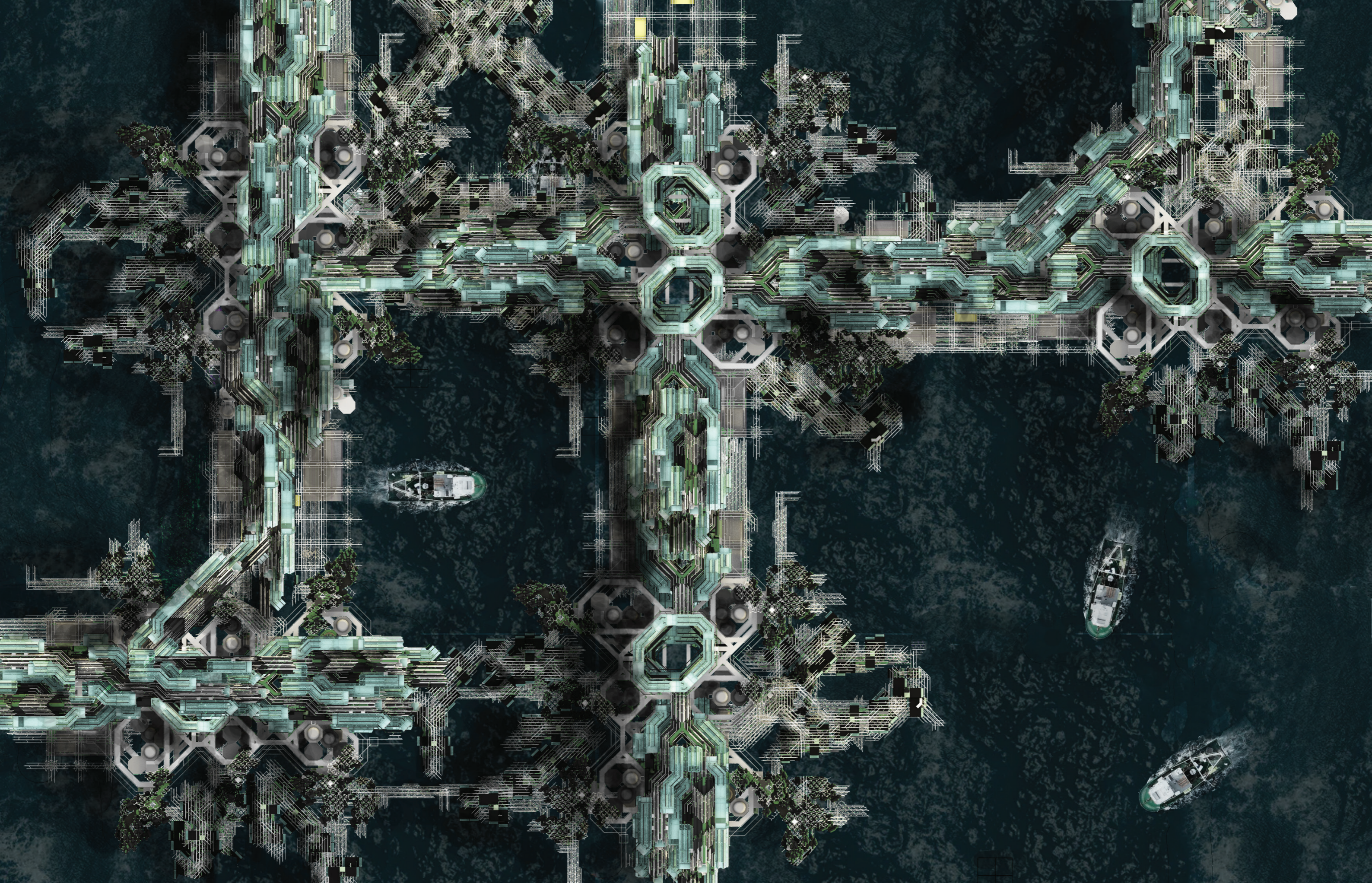
Award's category : Grand Prix Award for the Sea

Project's Name

To Mother Nature

Description

Section perspective of the repurposed oil rig



2022 JACQUES ROUGERIE FOUNDATION AWARDS

Award's category : Grand Prix Award for the Sea

Project's Name

To Mother Nature

Description

Zoomed in Urban Plan