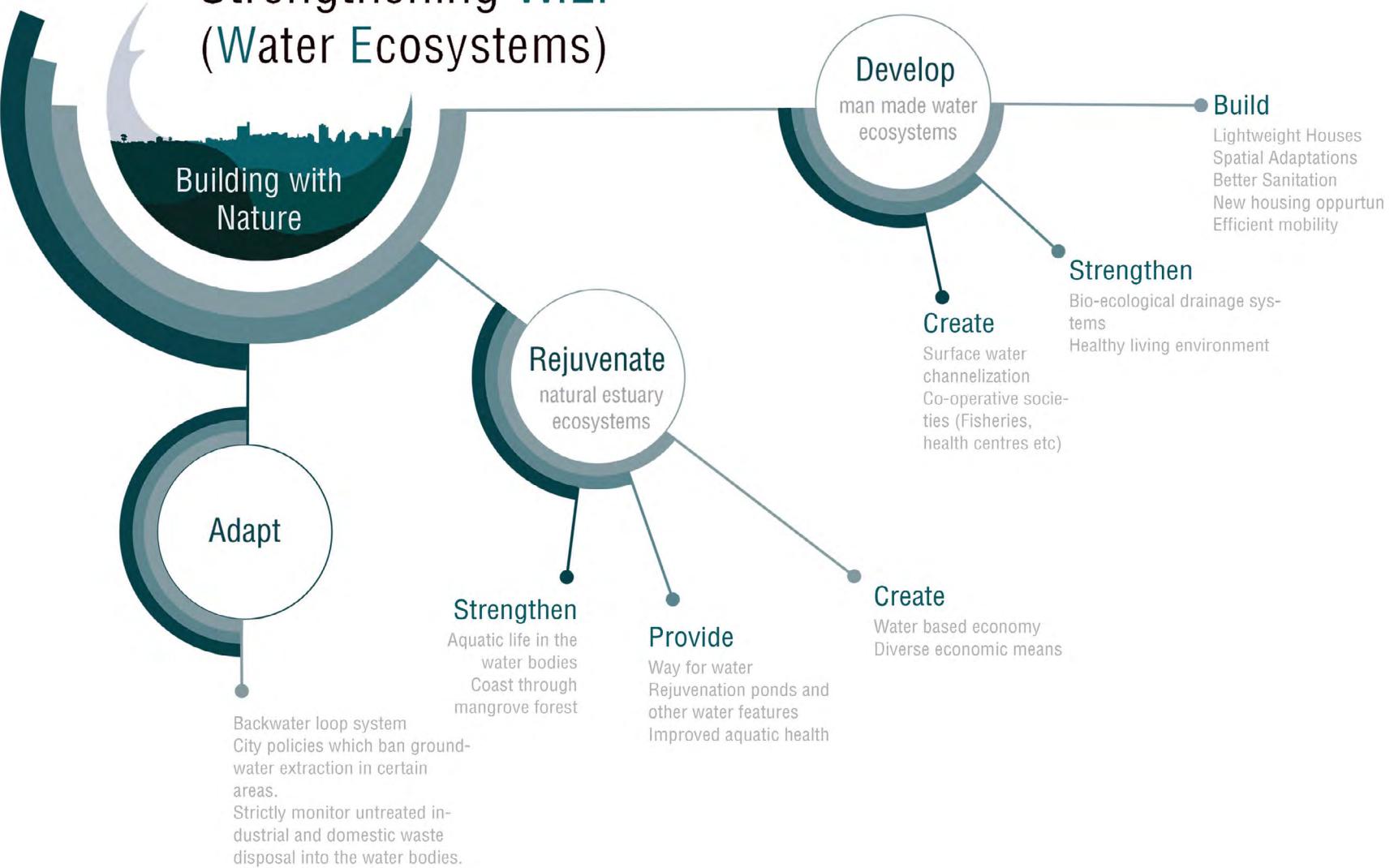
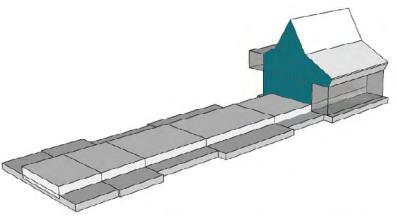


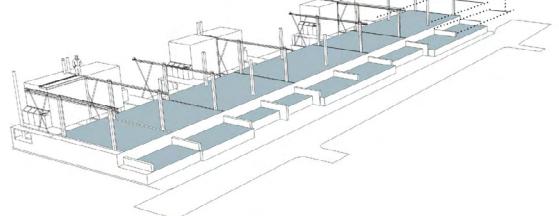
# Strengthening W.E. (Water Ecosystems)



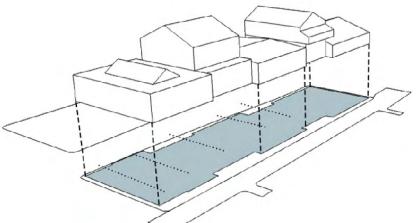


Spatial adaptations

5.5m  
2.5 to



Raised plinth



Existing house cluster footprint and houses

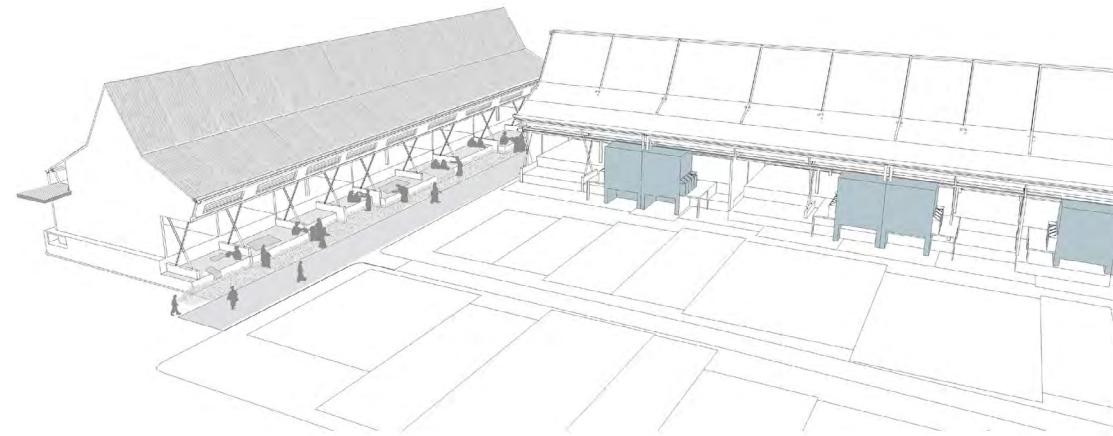
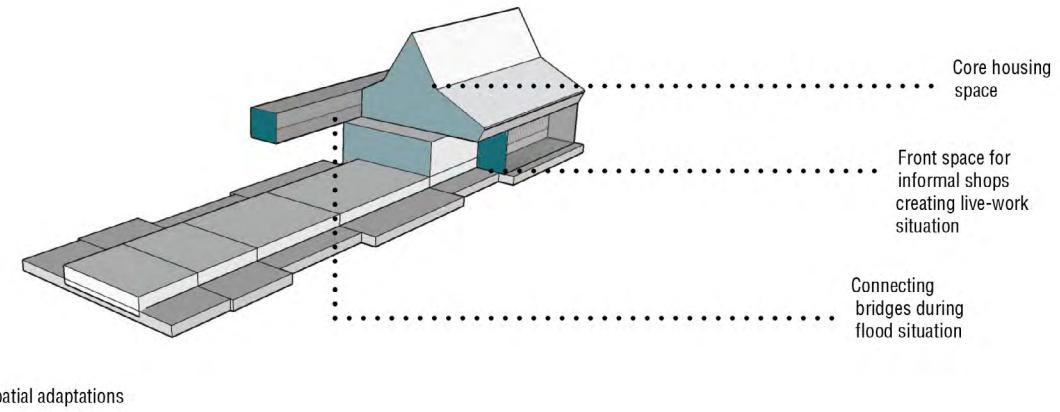
## Build

- Lightweight Houses
- Spatial Adaptations
- Better Sanitation
- New housing opportunities
- Efficient mobility



Key

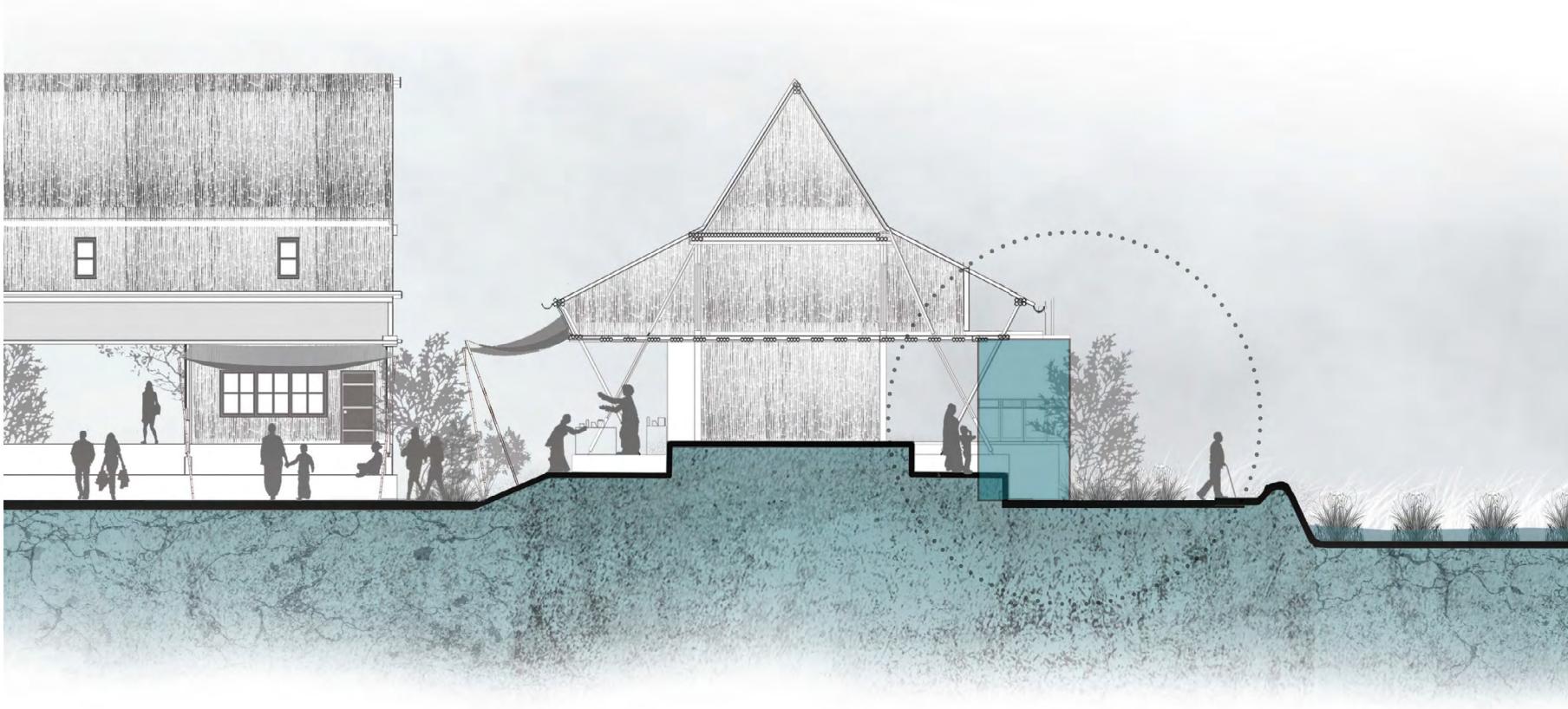




## Build

Lightweight Houses  
**Spatial Adaptations**  
Better Sanitation  
New housing opportunities  
Efficient mobility

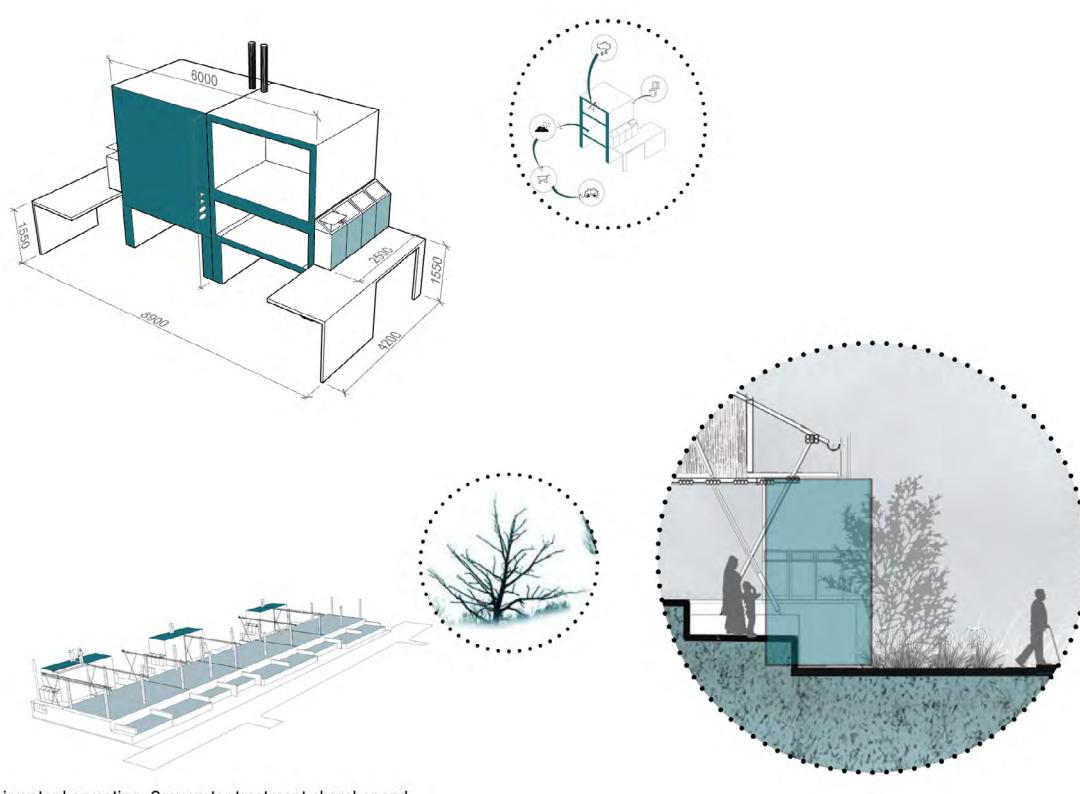
Spatial adaptations



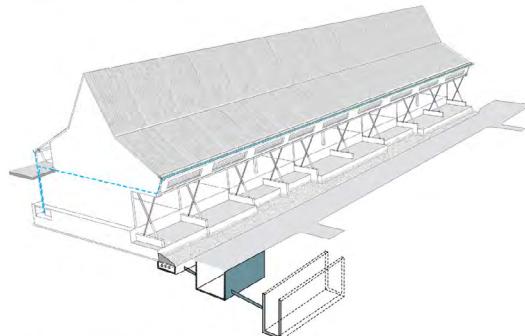
Schematic Section

**Build**

Lightweight Houses  
Spatial Adaptations  
**Better Sanitation**  
New housing opportunities  
Efficient mobility



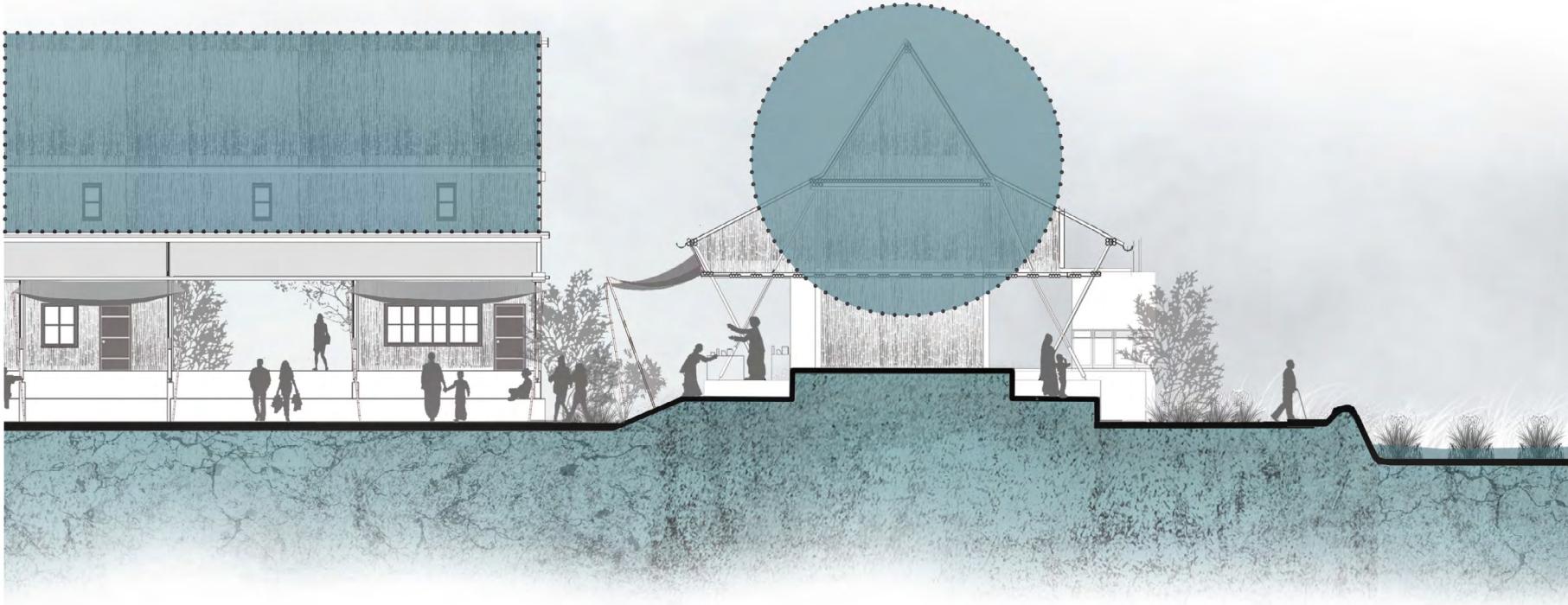
Rainwater harvesting, Gray water treatment chamber and solid waste segregation bins



Proposed Drainage system

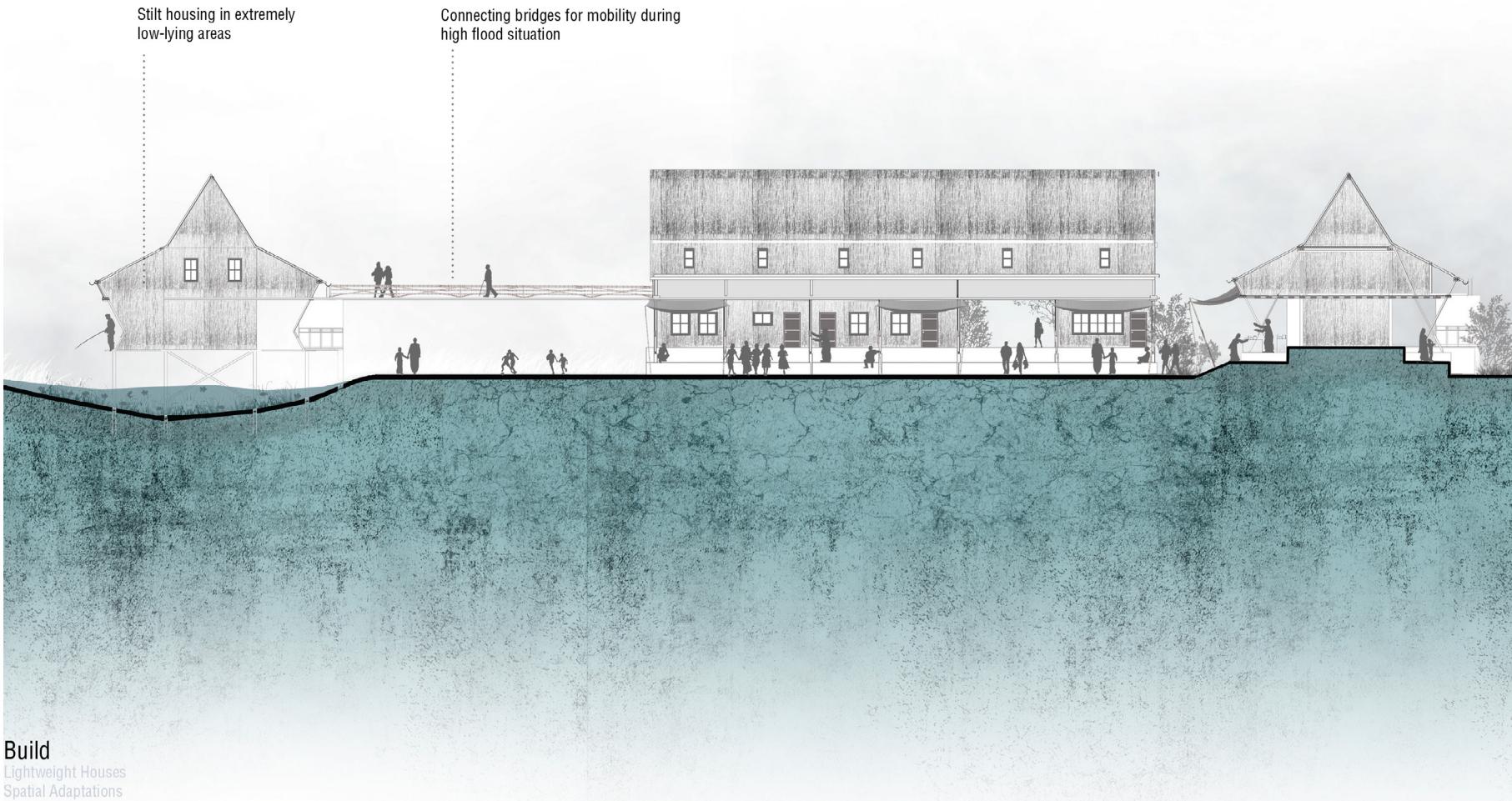
## Build

Lightweight Houses  
Spatial Adaptations  
**Better Sanitation**  
New housing opportunities  
Efficient mobility



## Build

Lightweight Houses  
Spatial Adaptations  
Better Sanitation  
**New housing opportunities**  
Efficient mobility

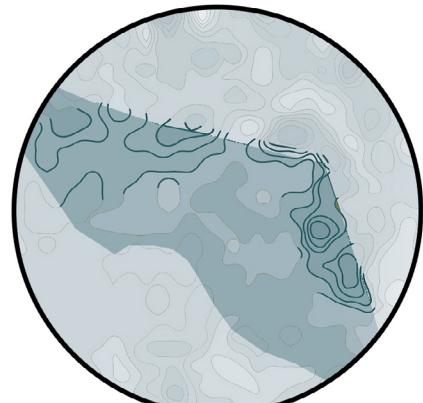


## Build

- Lightweight Houses
- Spatial Adaptations
- Better Sanitation
- New housing opportunities
- Efficient mobility

**Provide  
Way to water**

Rejuvenation ponds and other water features  
Improved Aqua Health



Low lying areas on the site



Bio-ecological drainage system



Wetland



Rainwater Harvesting



Infiltration Trench



Landscaping



Permeable Surfaces



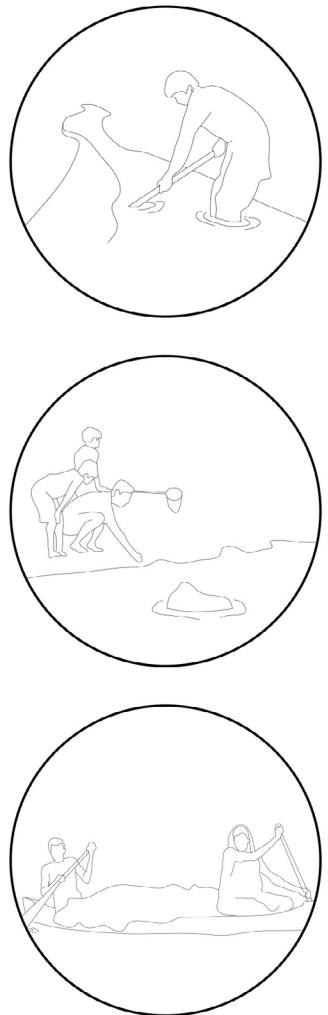
Canal



Swale

**Provide**  
**Way to water**

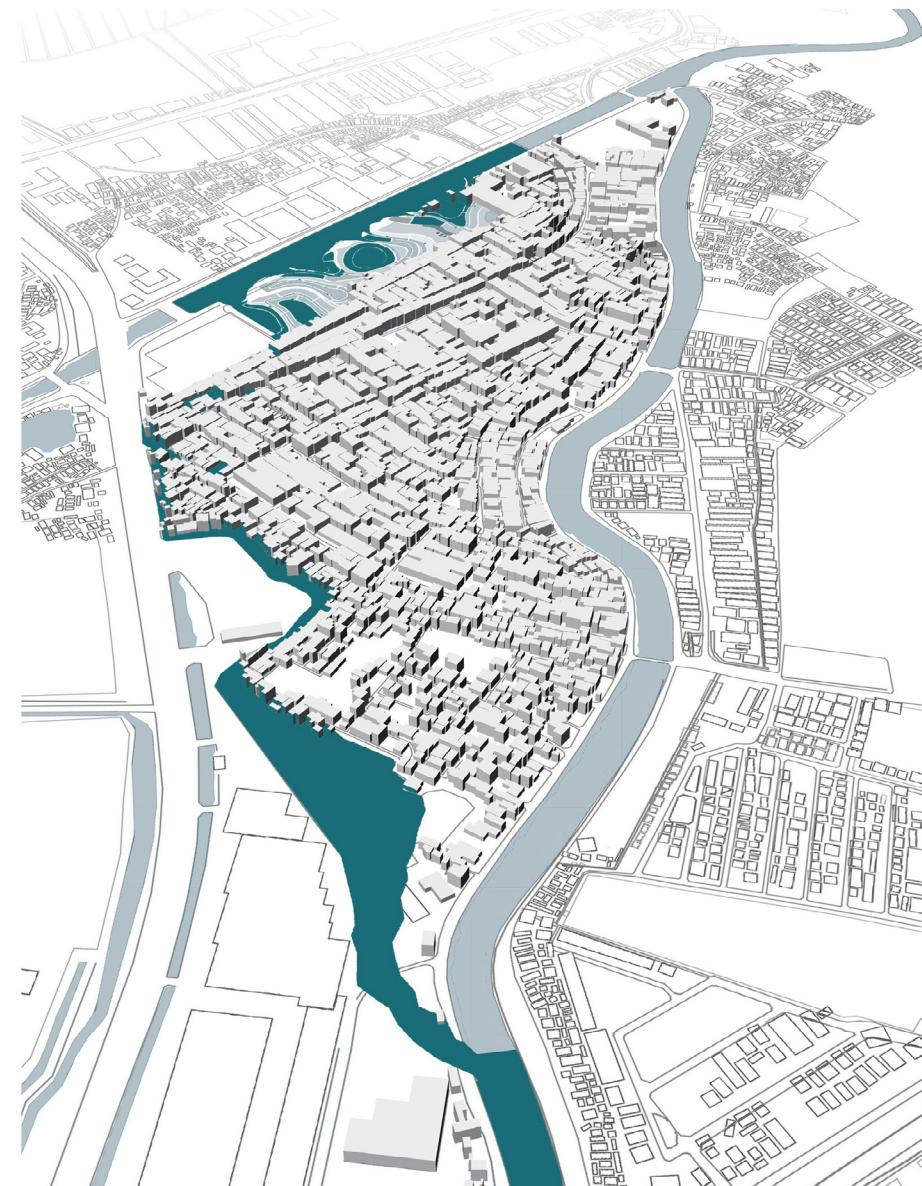
Rejuvenation ponds and other water features  
Improved Aqua Health



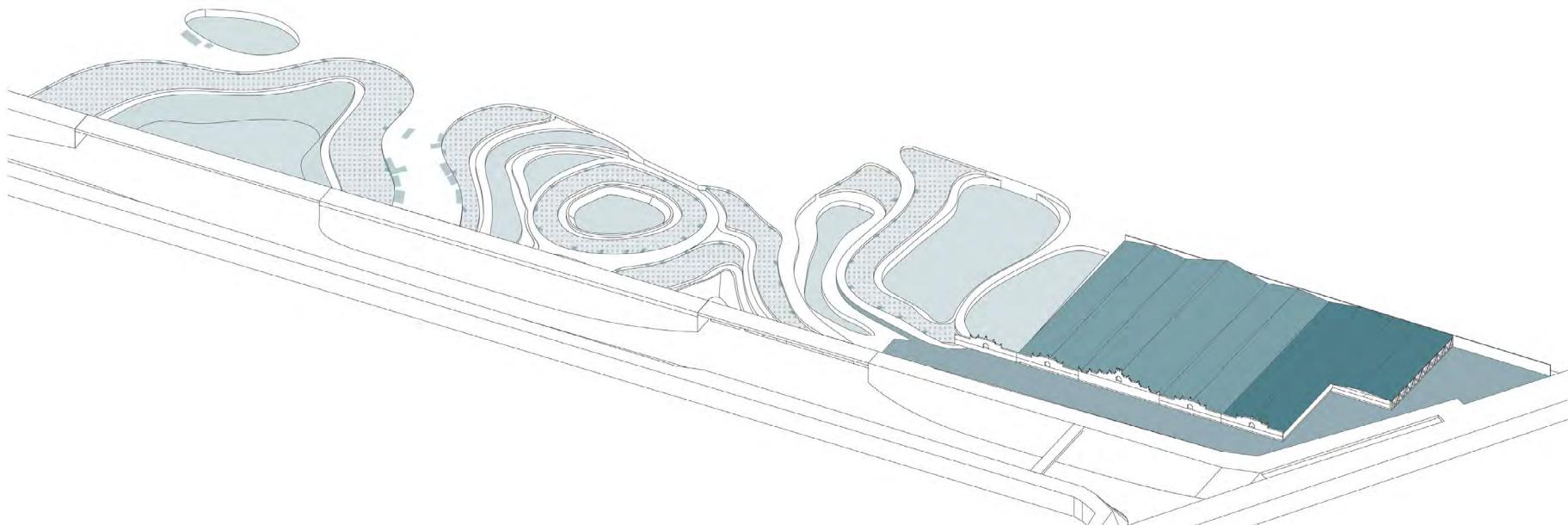
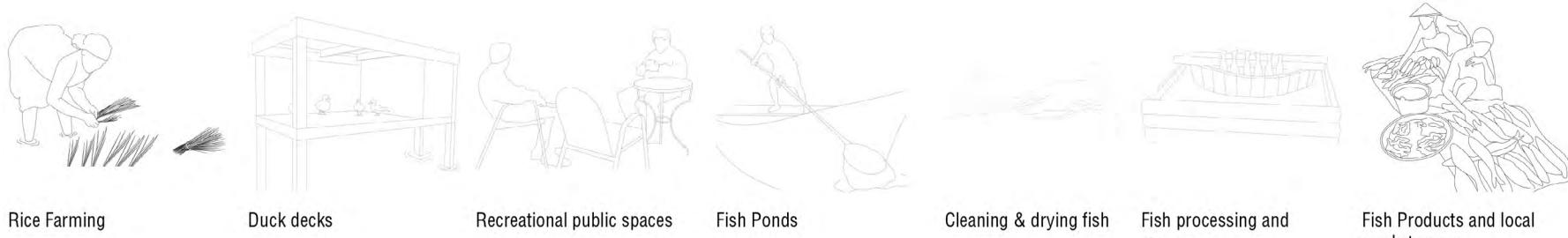
Means of  
Economy

Means of  
Recreation

Means of  
Social activities

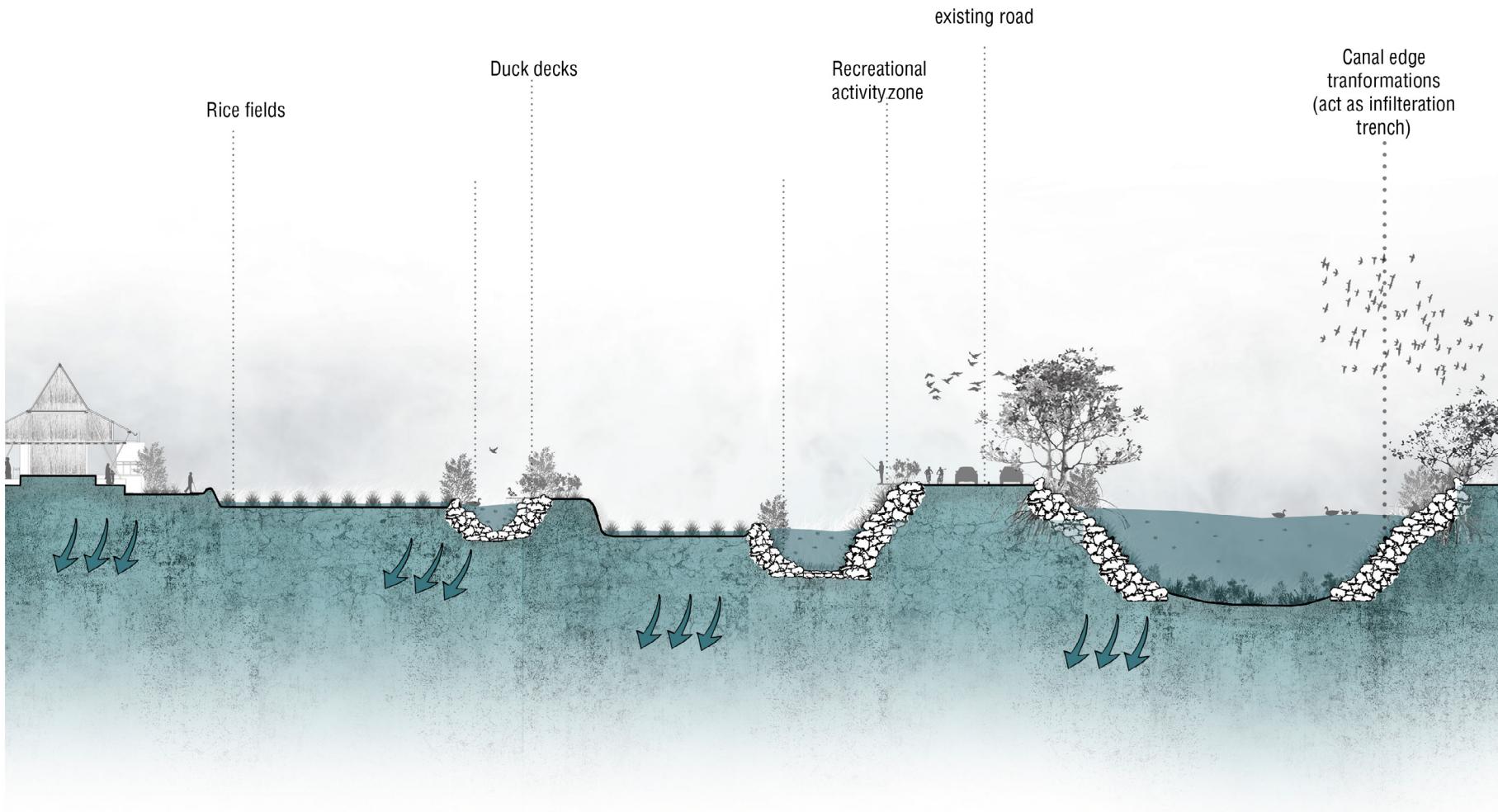


Proposed way for water (respects natural topography of the region)

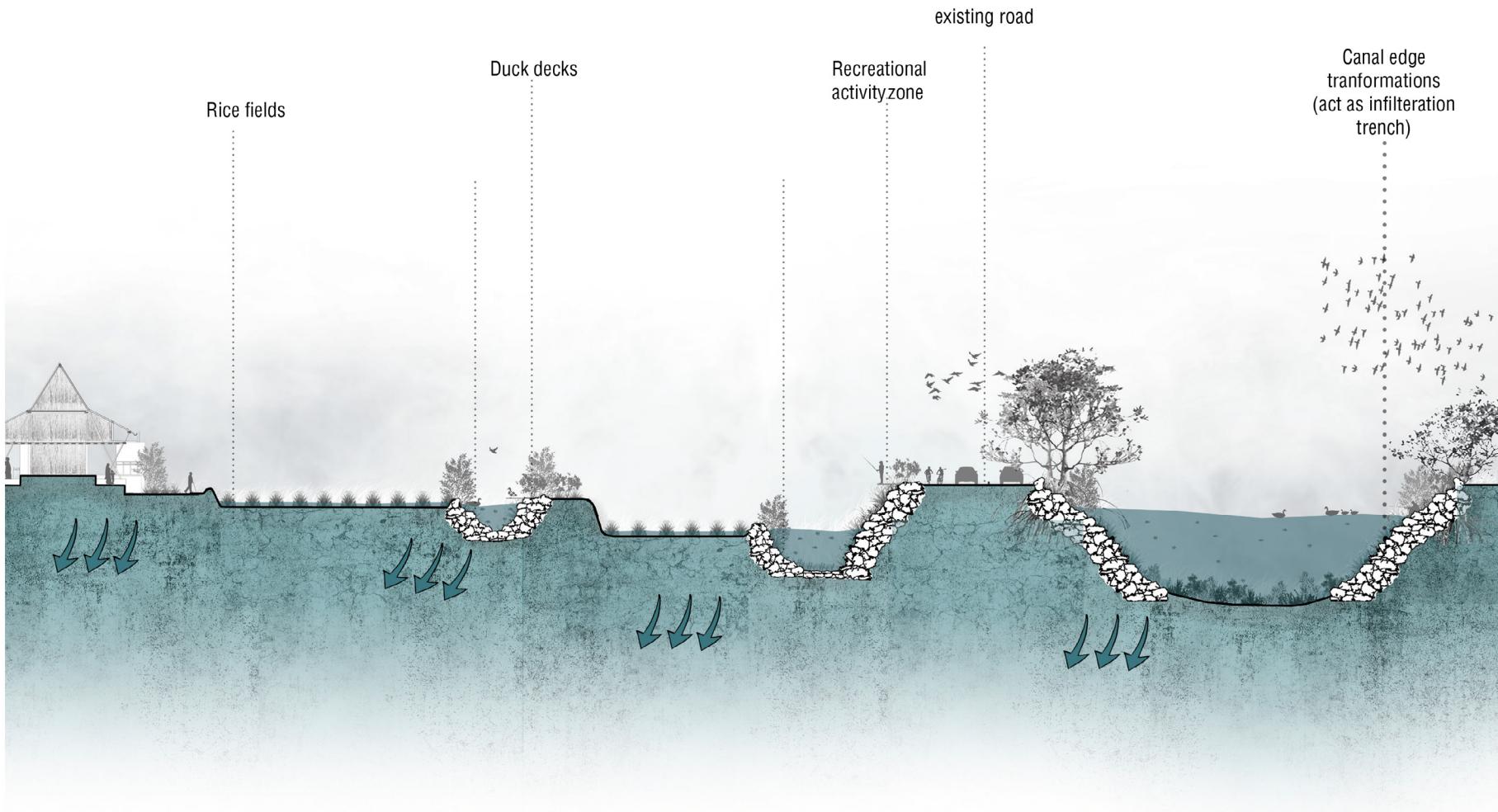


Integrated duck-fish-rice farming

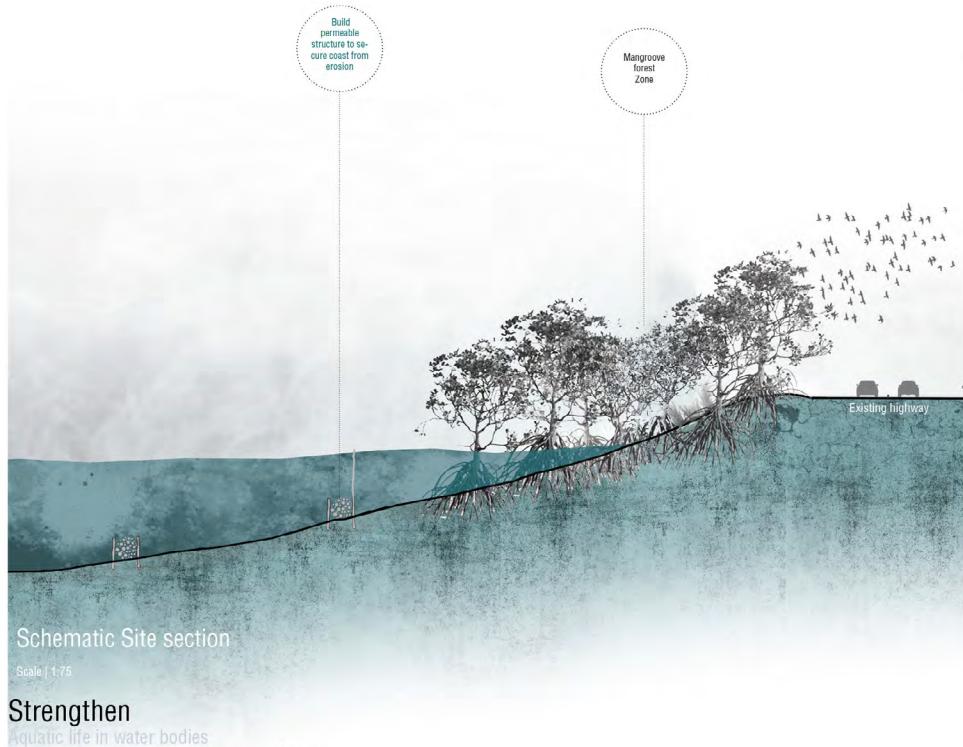
**Create**  
Water based diverse economic opportunities

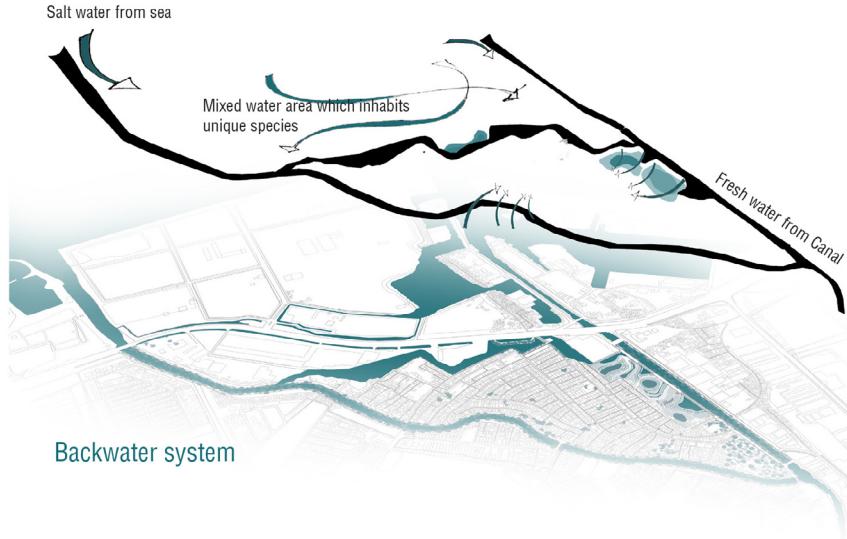


**Strengthen**  
Aquatic life in water bodies  
Coast protection through mangrove forest

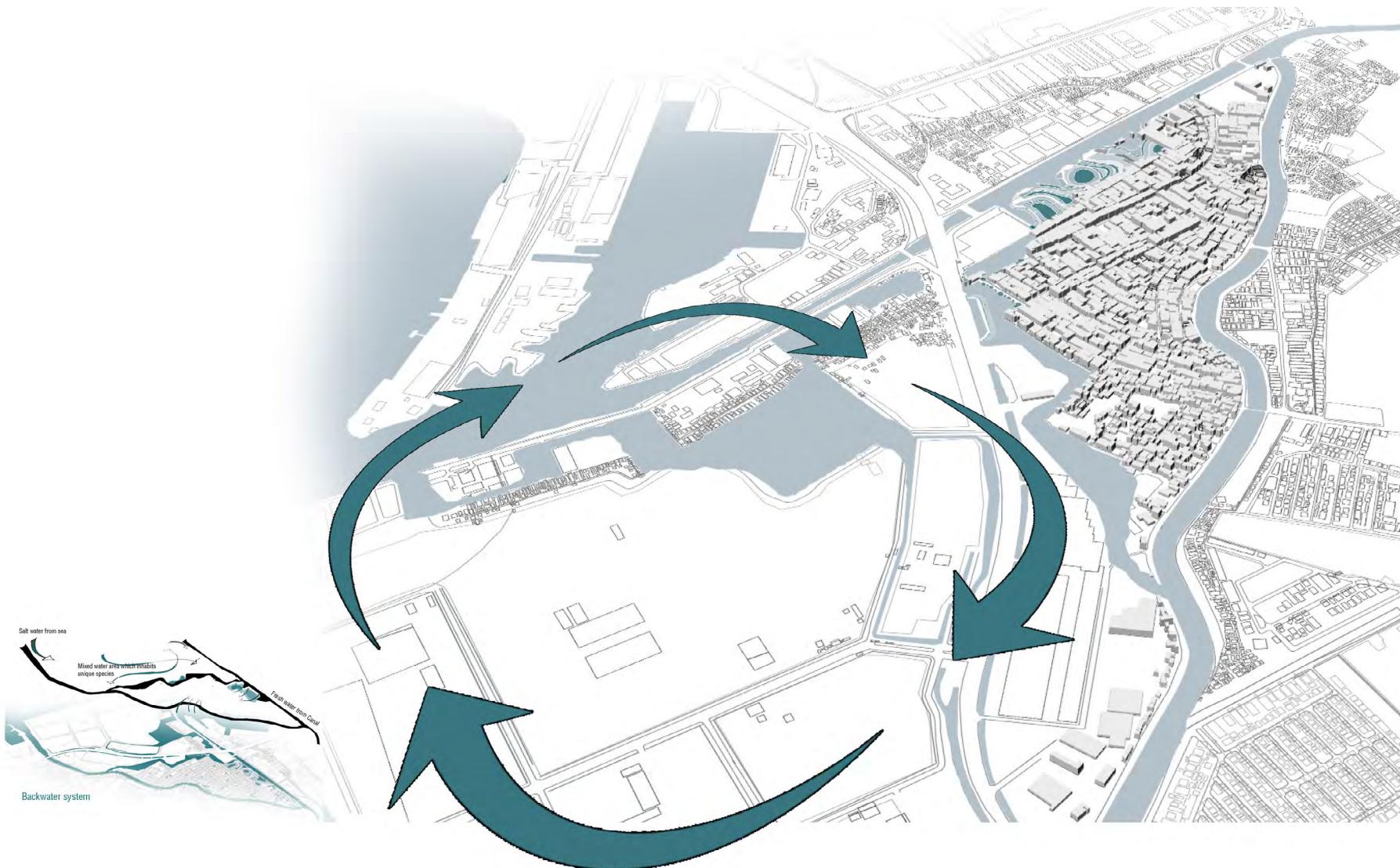


**Strengthen**  
Aquatic life in water bodies  
Coast protection through mangrove forest





**Adapt**  
Backwater loop ecosystems



Adapt  
Backwater loop ecosystems



Adapt  
Backwater loop ecosystems