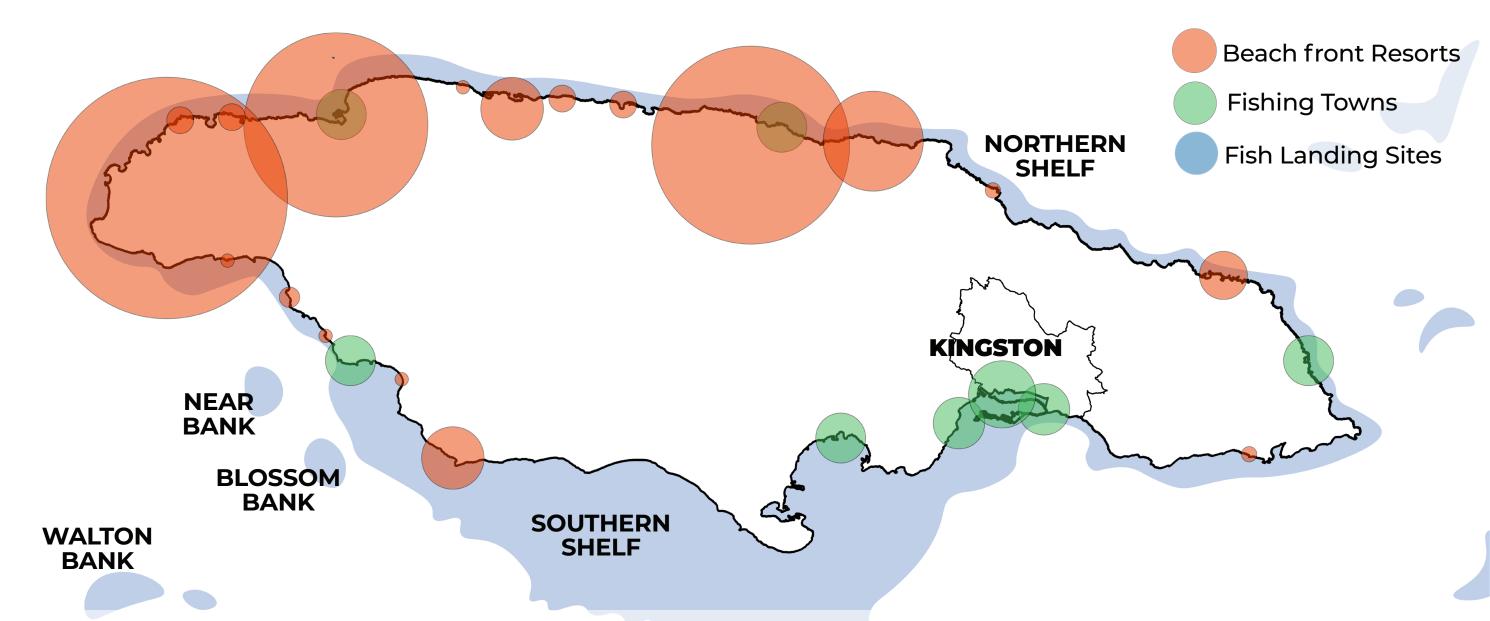
Rae Town Aquaculture Initiative:



Cultivating Kingston's Coastal Renaissance





North / South

- Less than 3% of beaches are designated public and 1/2 of those are still associated with hotels
- Highest percentage of boat licenses come from Kingston + St Catherine





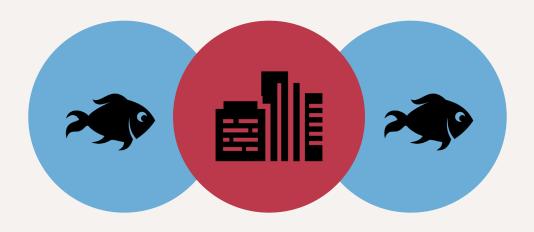
Coastal Vision

— Both coasts have distinct identities; its helpful to recognize the south as a cultural and fishing hotspot that is truly accessible to the public and Jamaicans



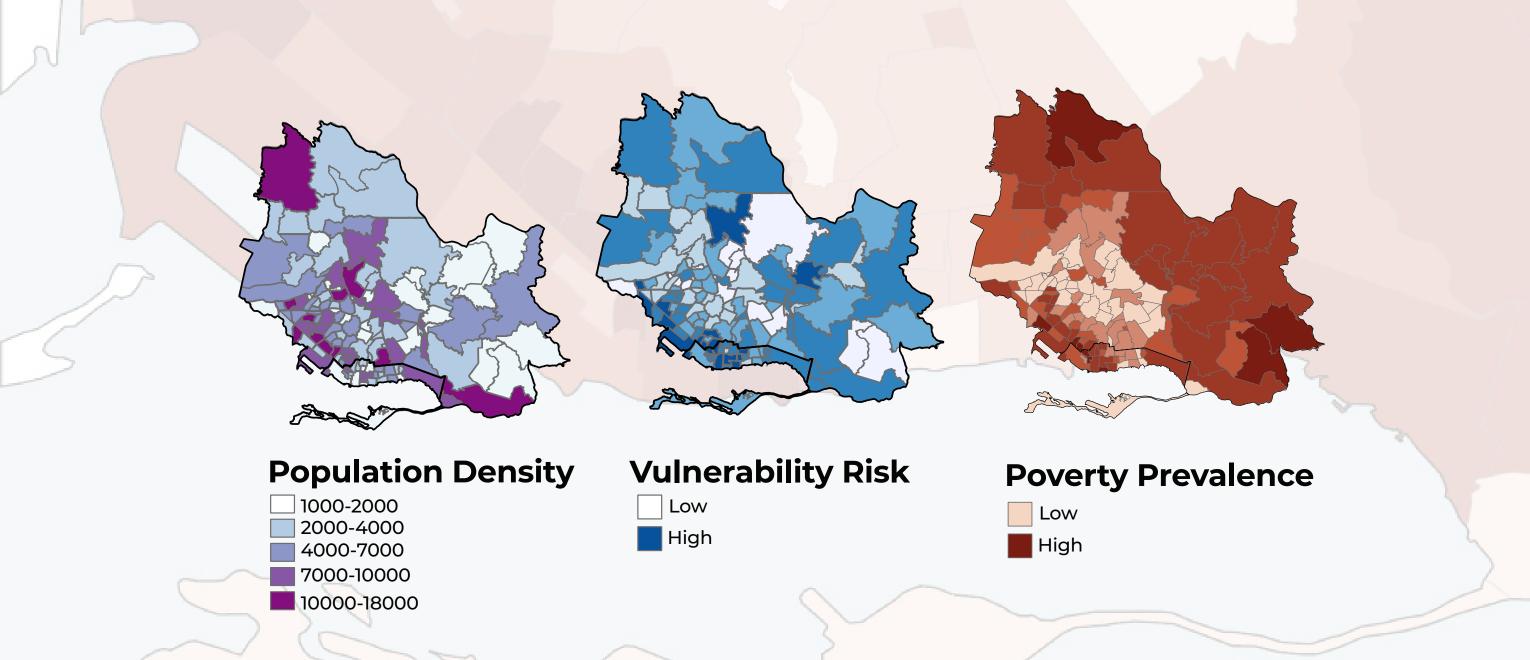




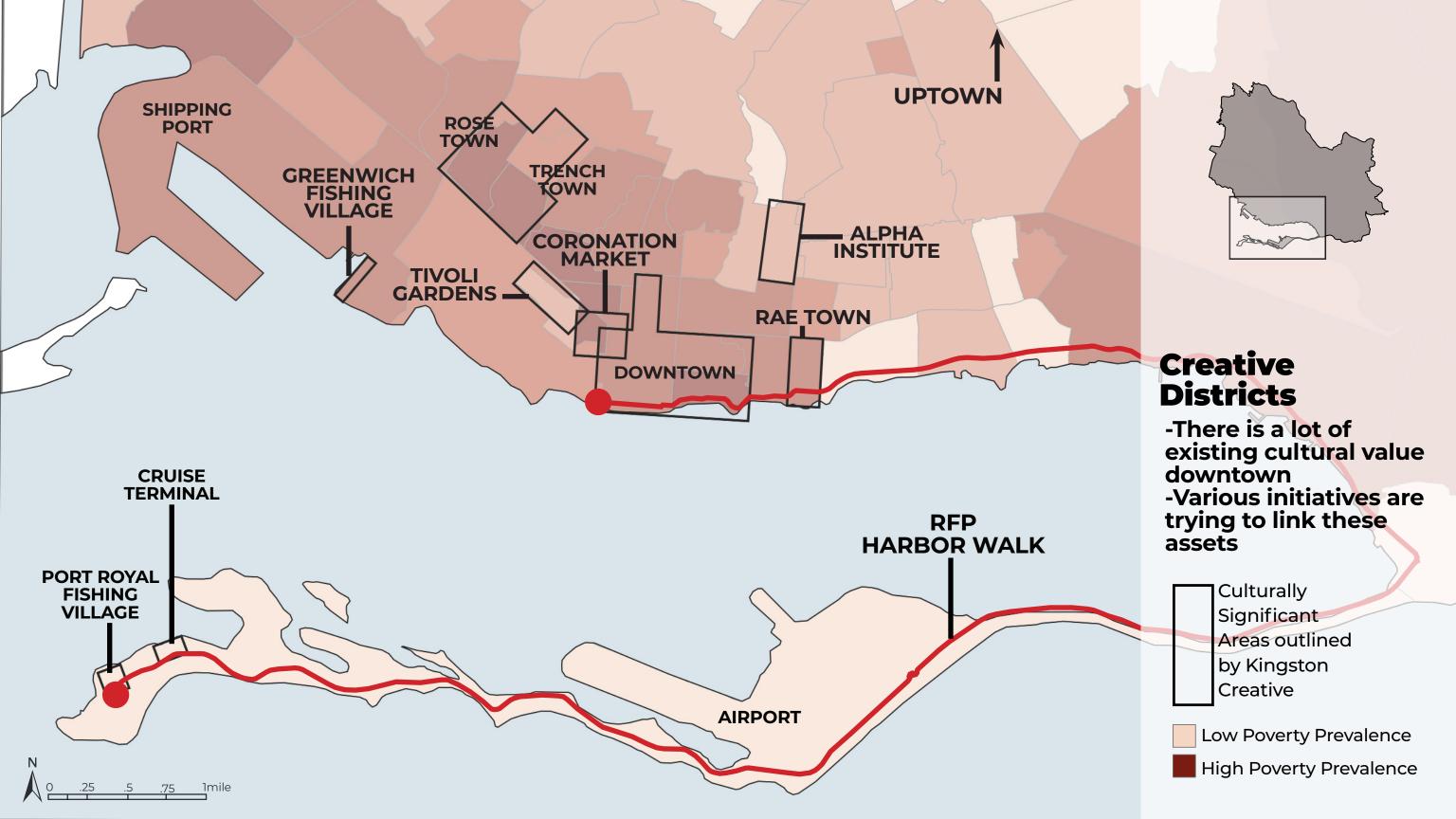


VISION PROPOSAL

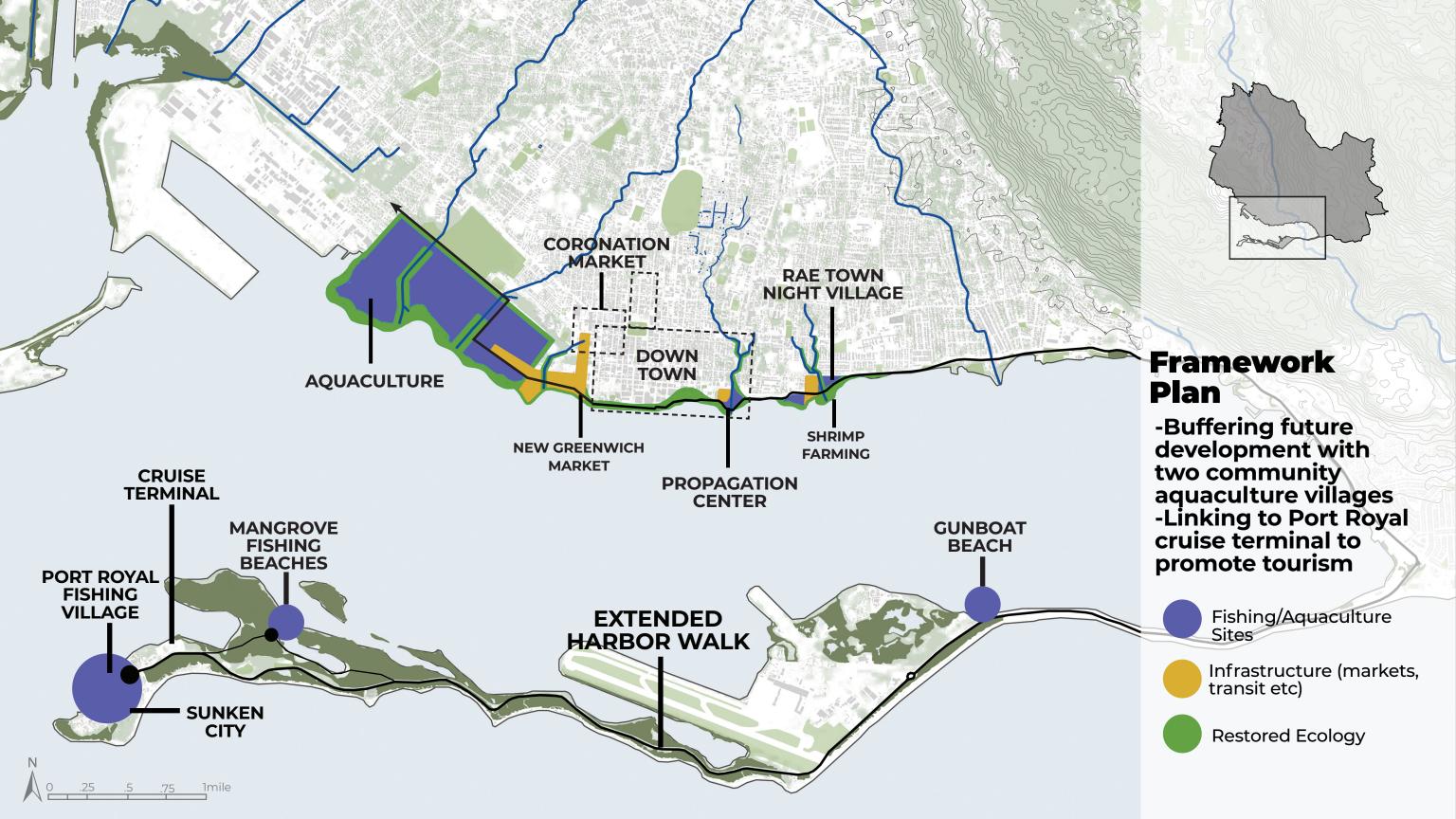
- —Buffering the future development of Kingston's waterfront with community-based aquaculture fishing villages —Creating spaces for education, recreation, and sustainable bio-
- production
- —Aligning with the plans of Kingston Creative and the Port Royal —Involving local communities in these inevitable developments is absolute necessity



Demographic Context
A city with significant economic disparities, where many uptown do not venture downtown











Restoring mangroves and promoting flexible blue infrastructure in vulnerable areas as long term strategy

2050: 0.3M of SLR

2100: 0.8M of SLR

2200: 2.0M of SLR





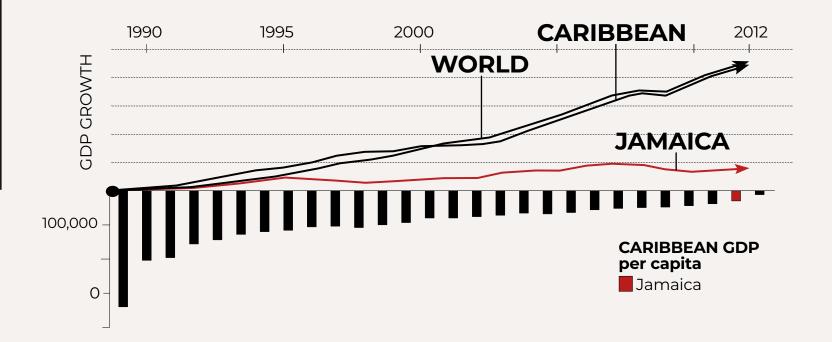












The Case for a Blue **Economy**

Is it possible to invest in a solution that creates jobs, provides critical infrastructure + promotes tourism?

-The blue economy encompasses fishing, waste management, energy, and farming.
-It's time to reestablish Jamaican seafood as a cornerstone

- for job growth- as over dependence on tourism is not a sustainable solution.

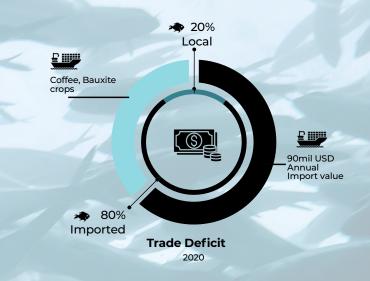


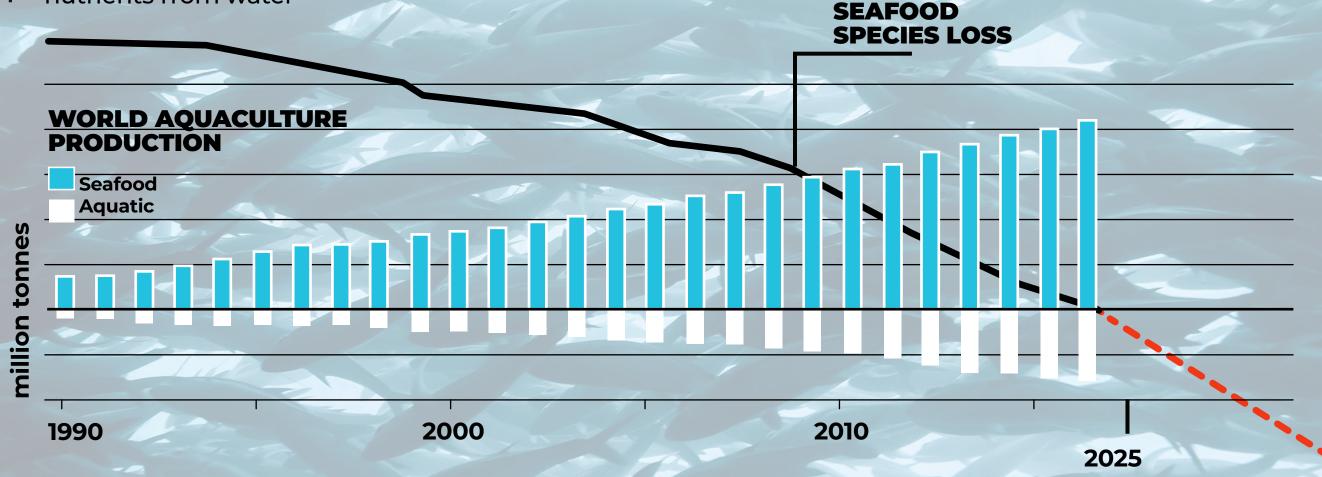
Aquaculture

Job + \$ Revenue

—Aquaculture is recognized as crucial due to its role in addressing the impacts of climate change, pollution, and

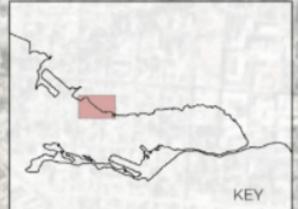
overfishing on fisheries.
-Aquaculture improves food security and can aid in filtering nutrients from water



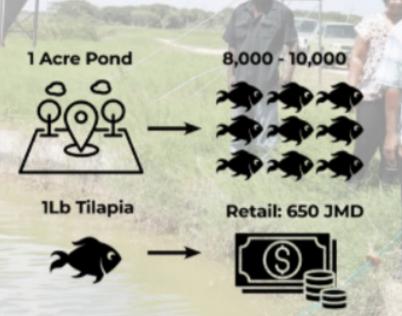


Scale Aquaculture TEST FOR SCALE

security-fails-nab-thugs

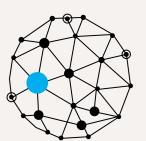






- The majority of aquaculture is conducted by small farmers, each working with less than 1 hectare
 - —The potential for community ownership exists..
- —In the 1980s, it was subsistence and small-scale, with 63 farmers producing about 32.6 tonnes annually across 58 hectares of ponds.



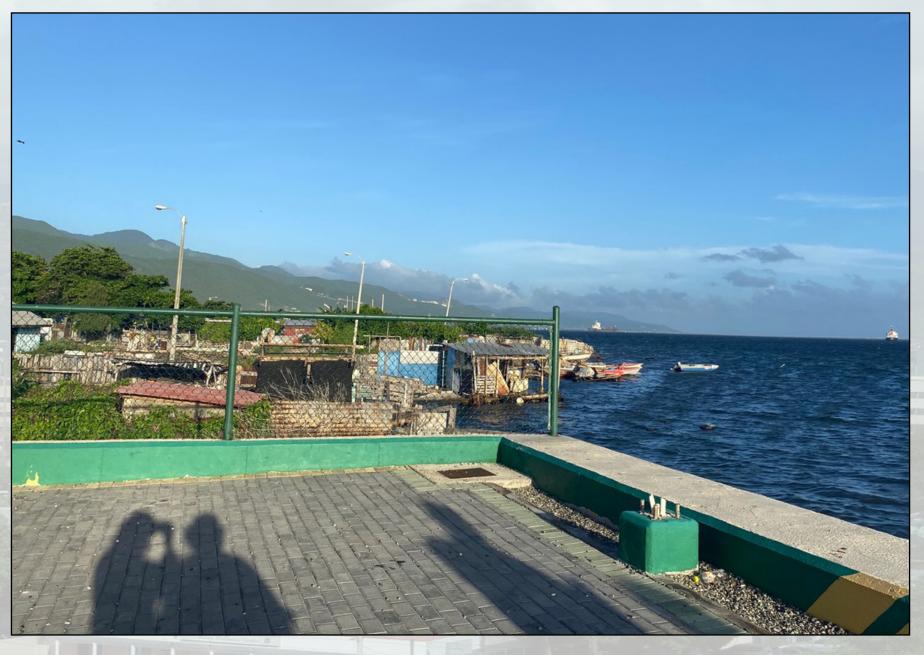


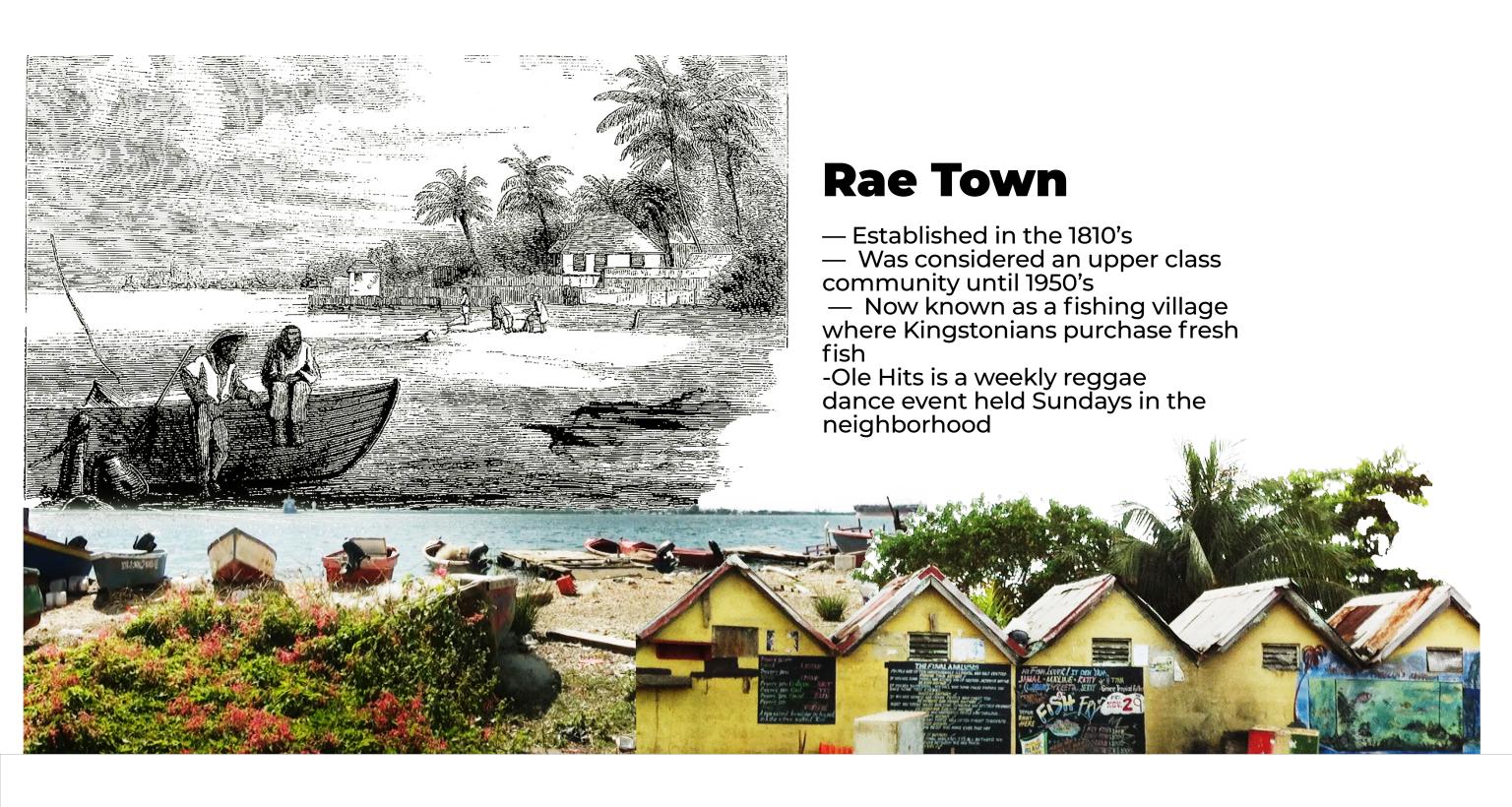
Rae Town Pilot Plan

- To achieve a thriving downtown, we must engage and bolster existing communities.
- Downtown plans must have a link/ connection to the local people and culture
- Mere physical improvements, such as cleaning a safe path from uptown to downtown, are insufficient; this process must occur simultaneously.



—The construction of the Harbor Walk concludes at Rae Town with a fence. The RFP proposes its expansion. What implications will this have for Rae Town?





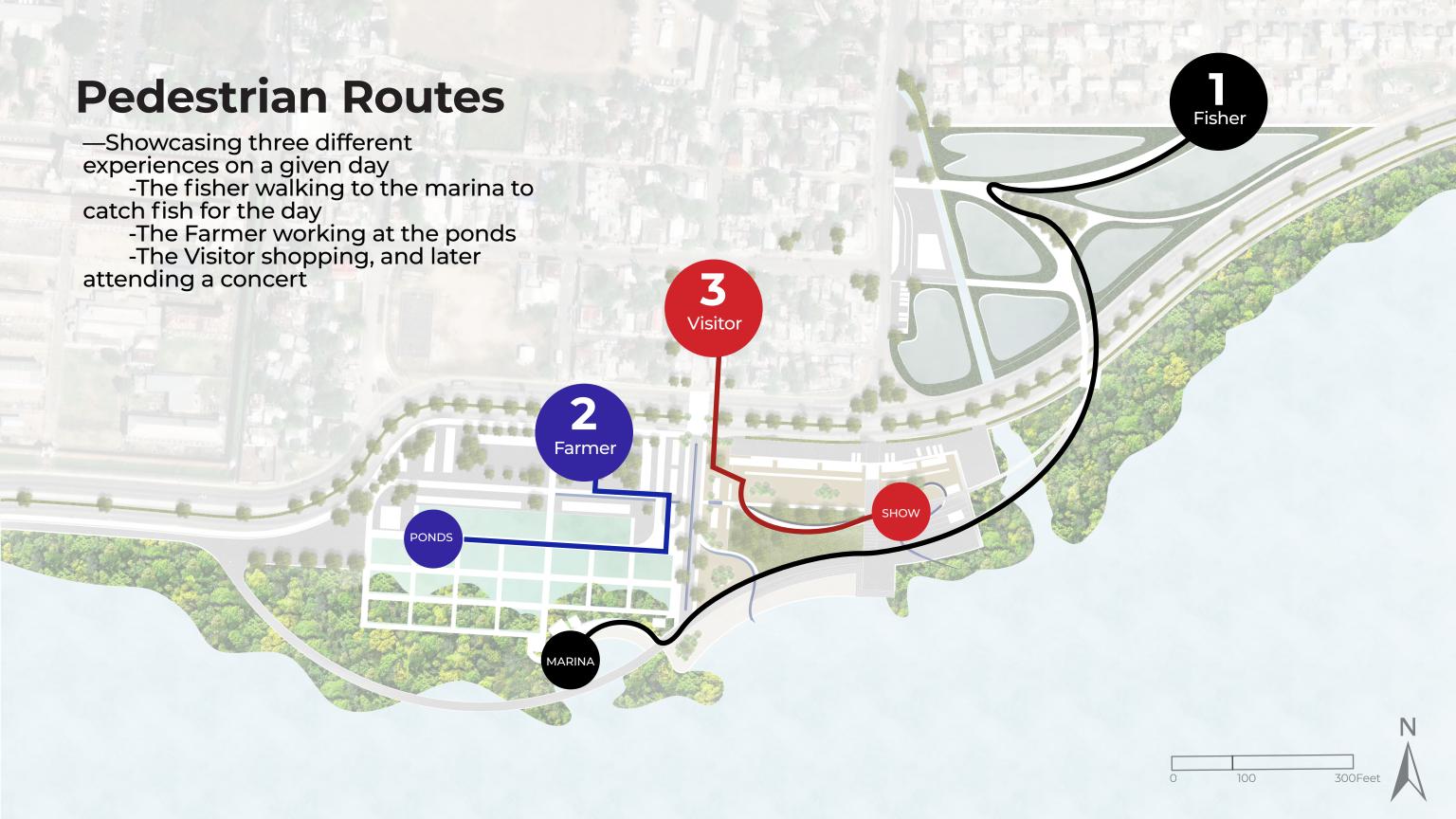


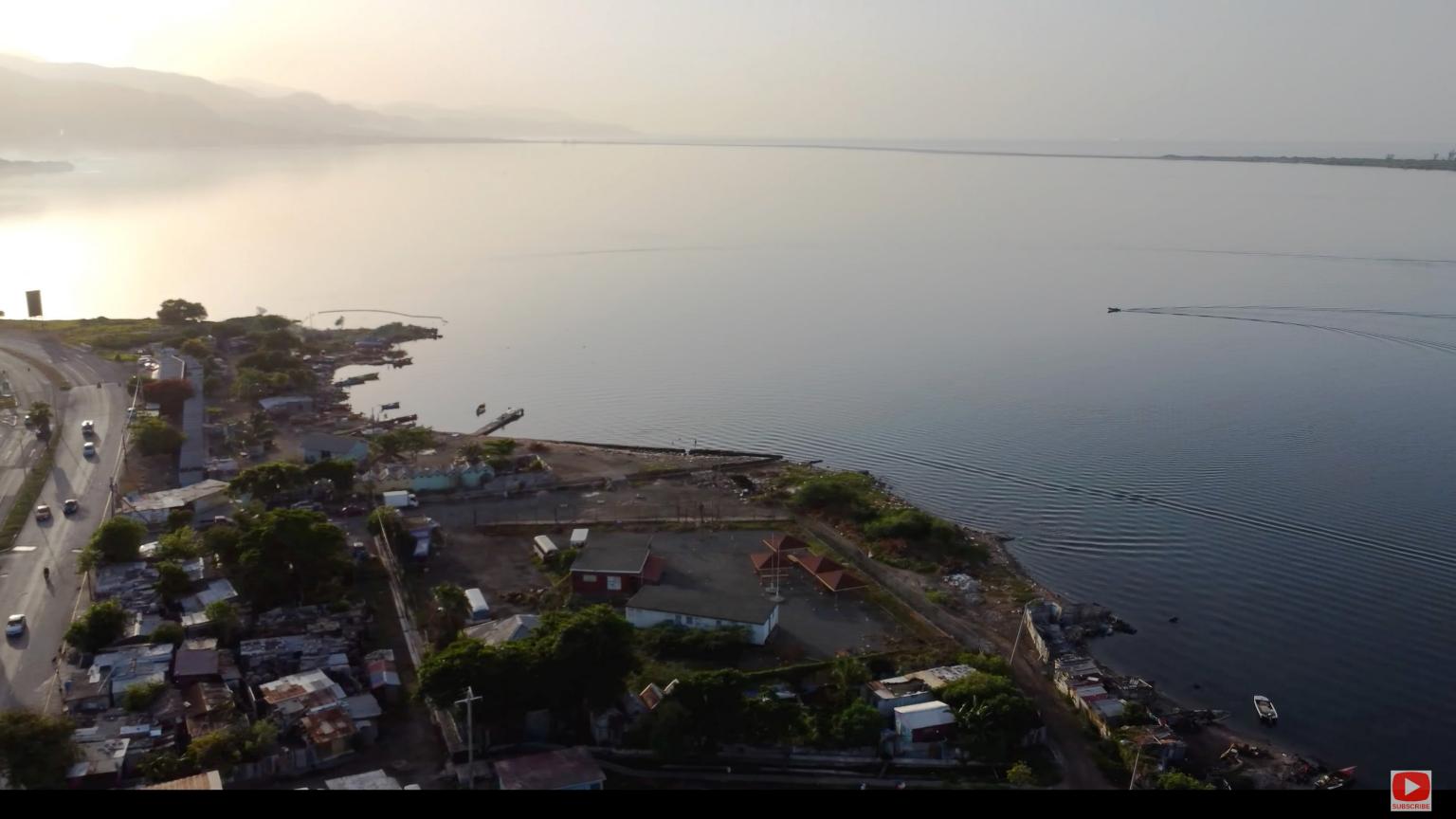






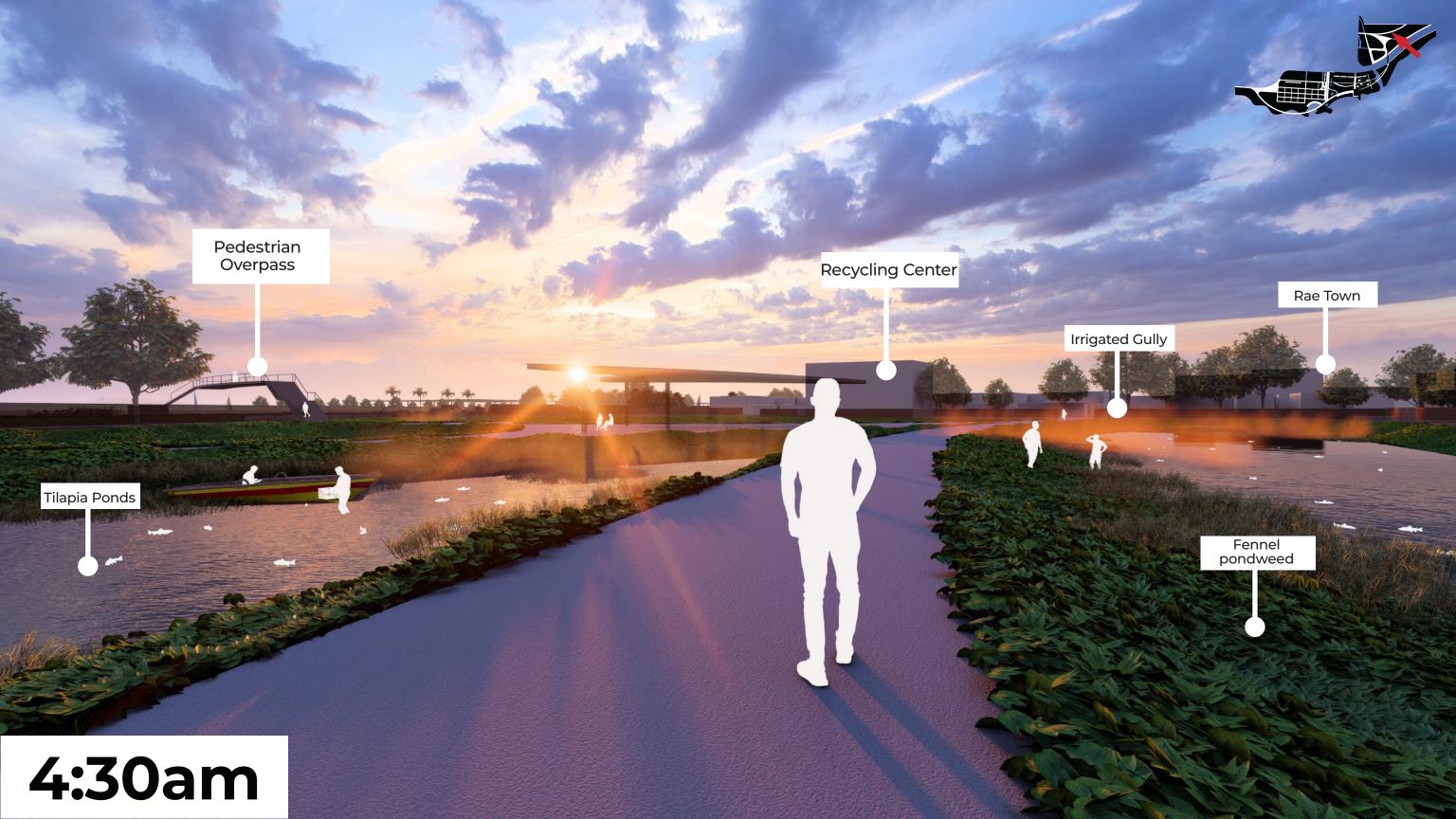
Water Cycles —Shrimp Aquaculture pumps seawater from the harbor to the ponds & excess nutrients are filtered out via the Tilapia Aquaculture mangroves —Tilapia Ponds filters wastewater from the gully system Shrimp Aquaculture













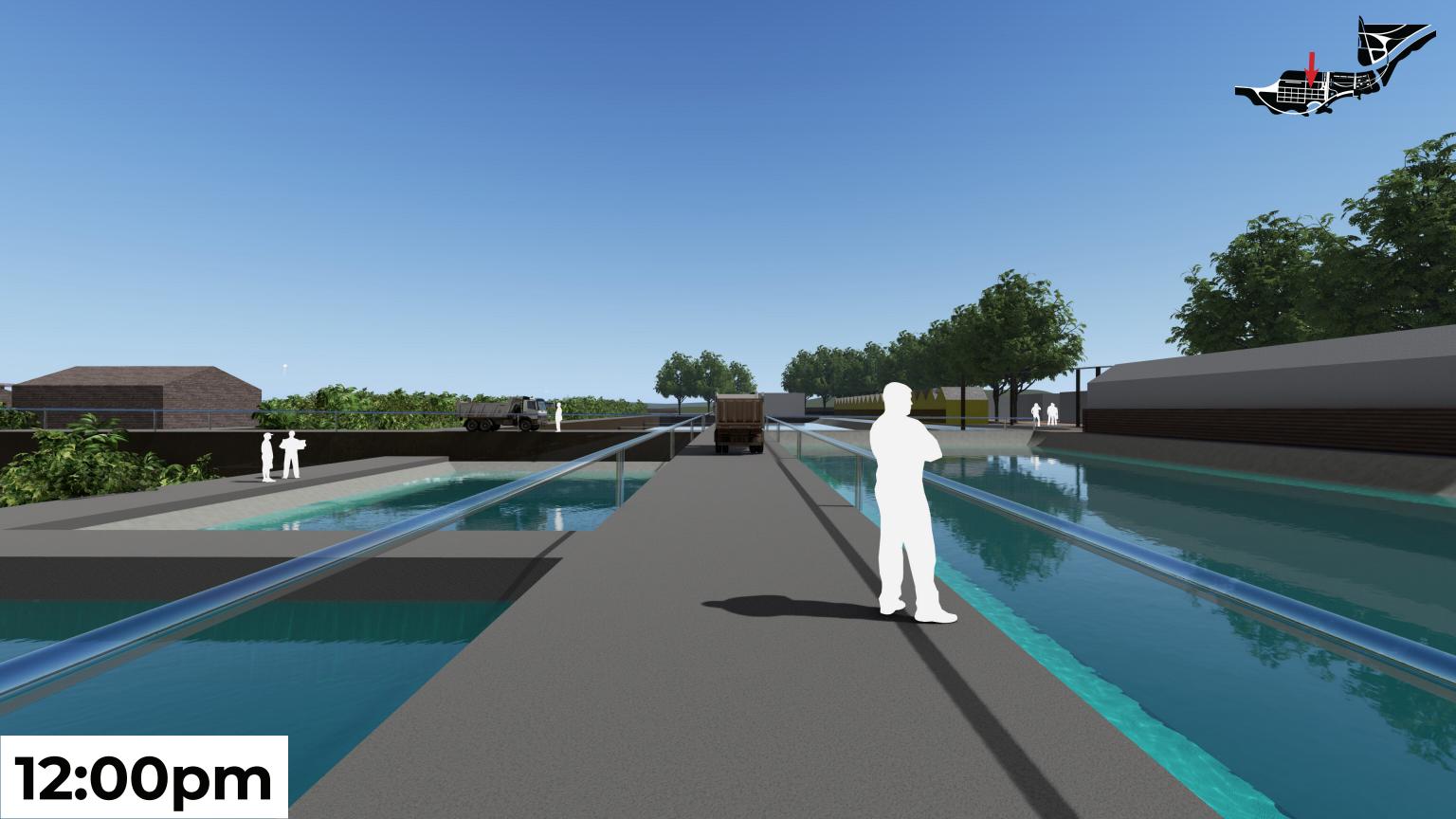


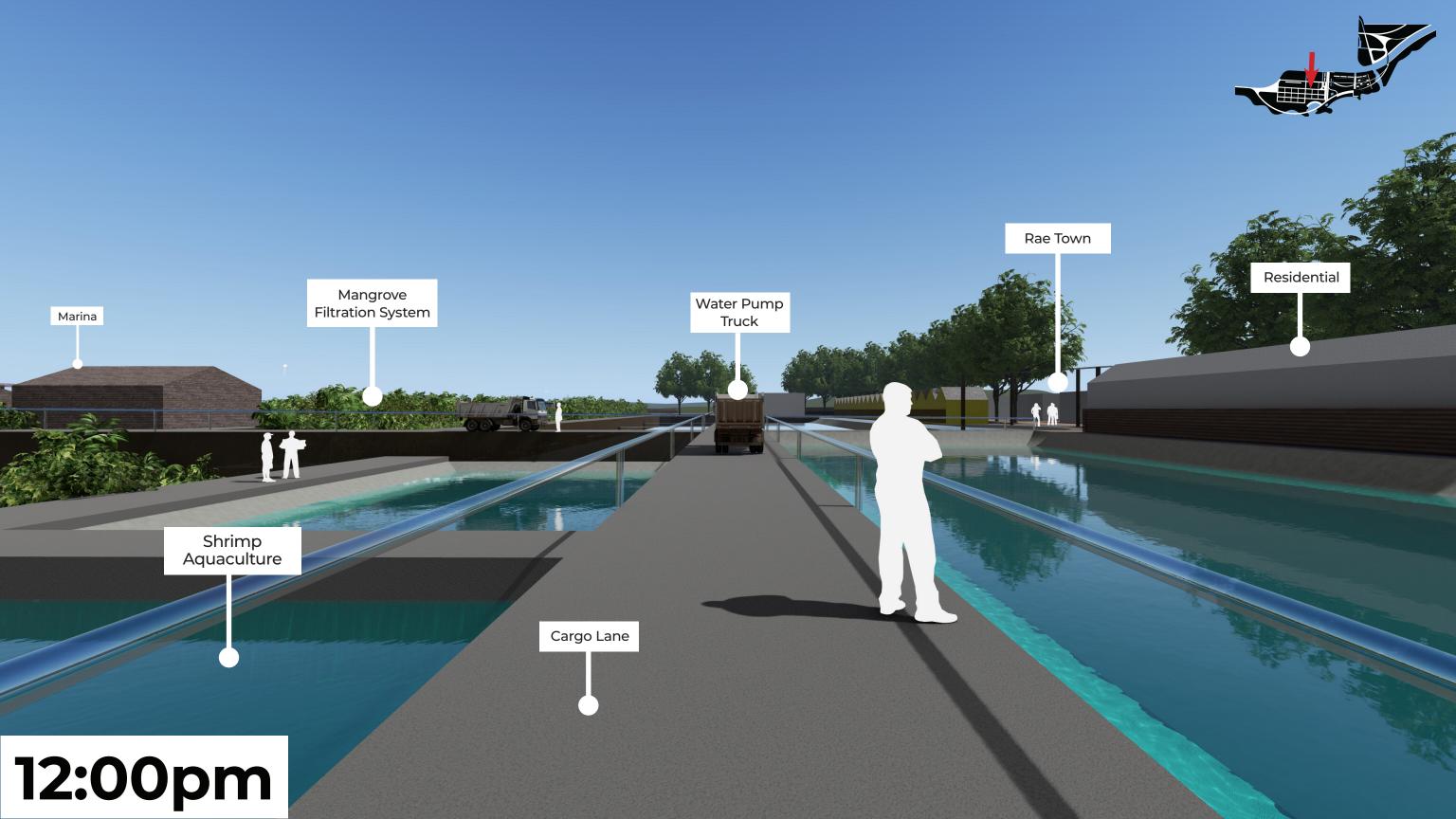








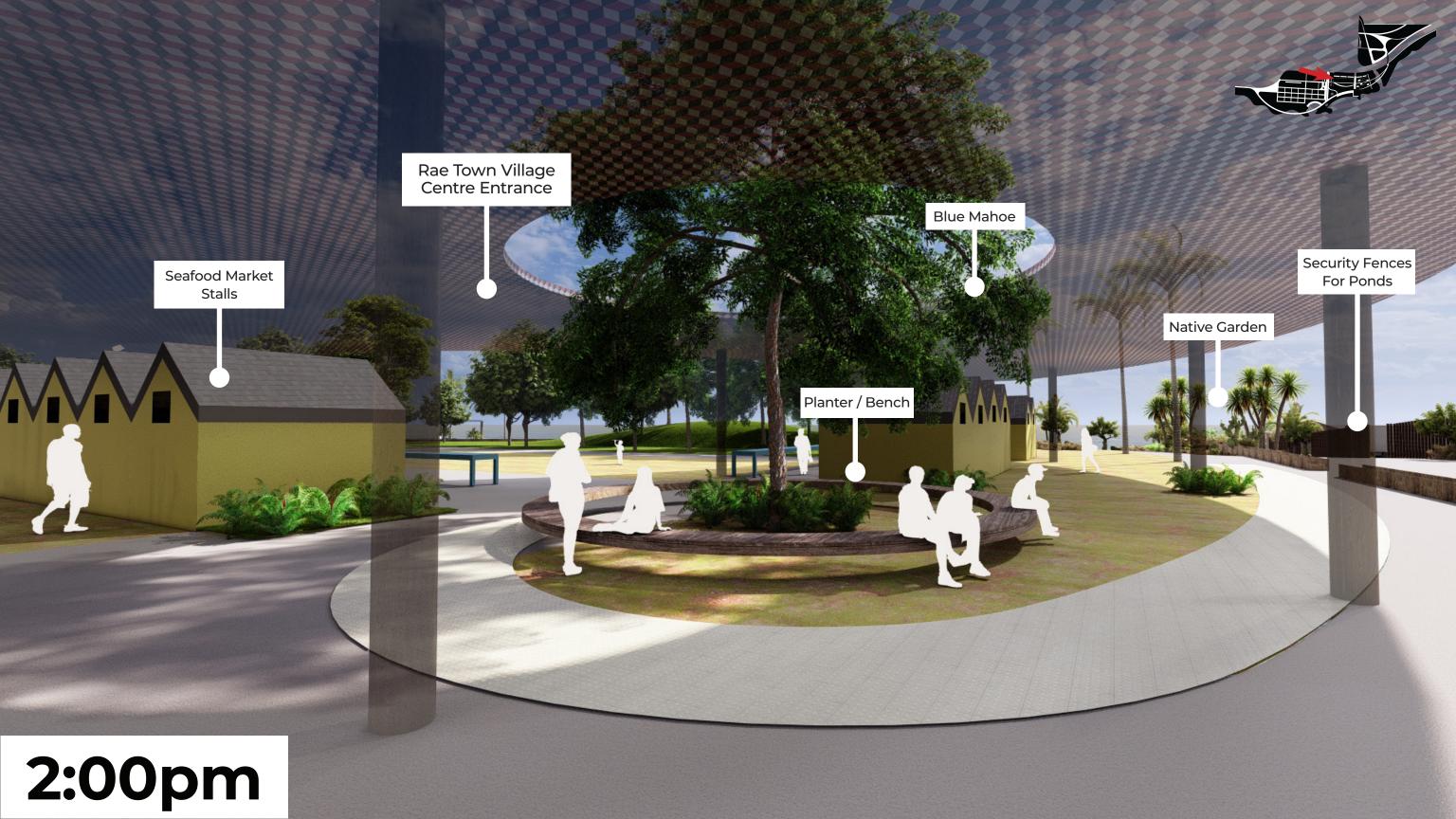
























Thank You!