

# AltaSea: The Leading Destination for the Blue Economy








Our vision is  
an ocean that will sustain  
future generations.



# Our Focus Clusters



## REGENERATIVE AQUACULTURE

- On-land Aquaculture
- Open Ocean Aquaculture
- Food Production
- Kelp Extraction Products



## RENEWABLE ENERGY

- Carbon Capture
- Energy Storage
- Hydrogen Energy
- Wave & Wind Energy



## BLUE TECH & UNDERWATER ROBOTICS

- Data Acquisition
- Deep-water Monitoring
- Maritime Security
- Robotic Innovation

**Mitigate &  
Reverse Climate  
Change**

**CLEAN ENERGY**  
↓  
**CARBON SEQUESTRATION**  
↓  
**OCEAN RESTORATION**

**Preserve the  
Ocean for  
Future  
Generations**

**EDUCATION**  
↓  
**BLUE WORKFORCE/JOBS**  
↓  
**BLUE INNOVATION**

**Improve  
Food  
Security**

**OFFSHORE MARICULTURE**  
↓  
**RAS AQUACULTURE**  
↓  
**URBAN AQUAPONICS**

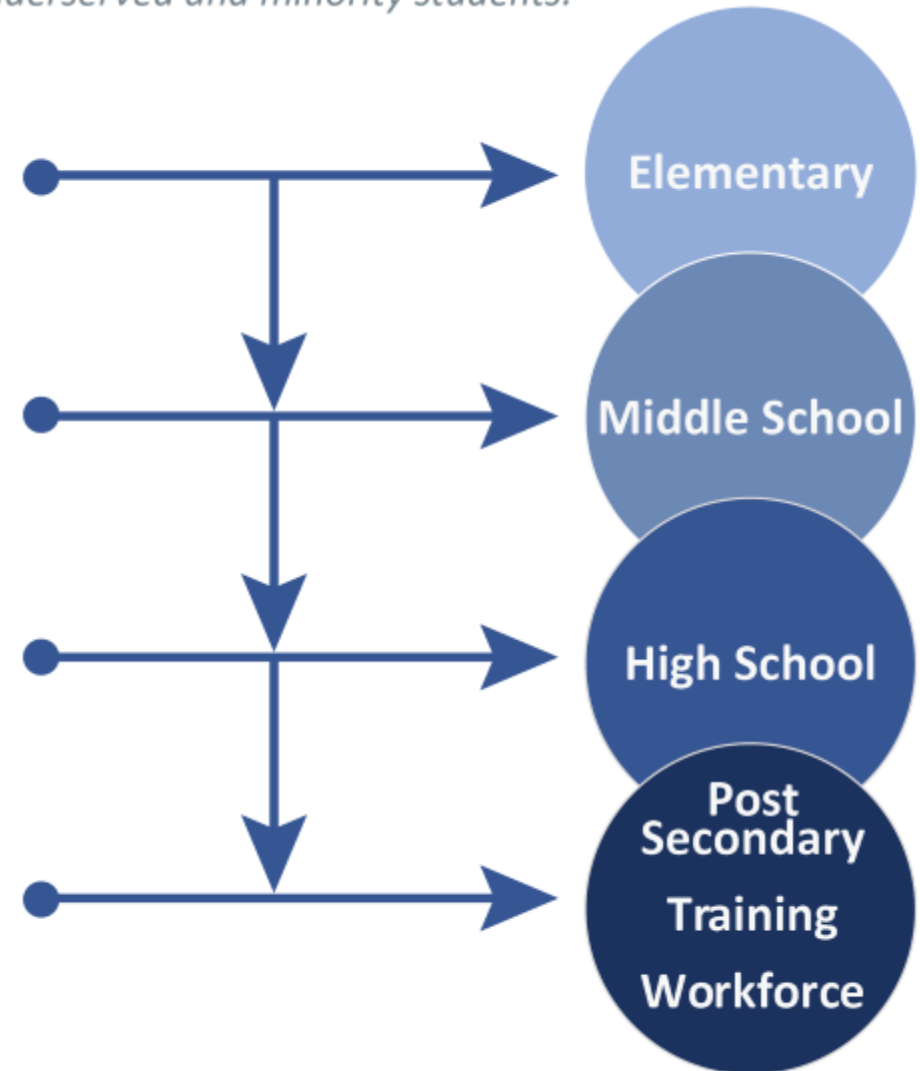


# BLUE ECONOMY PIPELINE

## Education & Workforce Training

*AltaSea* education activities are primarily focused on building capacity for Ocean and Earth STEM education & workforce opportunities for underserved and minority students.

- Integration of marine sciences (including aquaculture) in early education curriculum via **AltaSea** Ocean Pathways and Expand LA core science education for LAUSD students.
- Hands-on aquaculture experiences through after school programs and workshops with established partners including Boys & Girls Club, Sea Grant, Port of LA schools and more.
- Expanded in-depth aquaculture experiences including PACE training program for 10-12th graders and internships with regional organizations through **AltaSea** Ocean Pathways.
- Pipeline to PACE workforce training program and job opportunities, higher education, and institutional research partners.





# Center of Innovation

Thanks to funding from the Port of Los Angeles and the State of California, renovation of historic warehouses, including 2.2-megawatts of solar, is now underway.





# Center of Innovation

New home of the AltaSea BlueTech Incubator to create new businesses and jobs from onsite research and development projects.





# AltaSea | Partners

AT THE PORT OF LOS ANGELES





# AltaSea Leading the Blue Economy: The Center of Innovation

