



Mitigation Bank Pond 20

Western Dredging Association Pacific Chapter Meeting

October 30, 2019

Eileen Maher | Director, Environmental Conservation








Port of San Diego

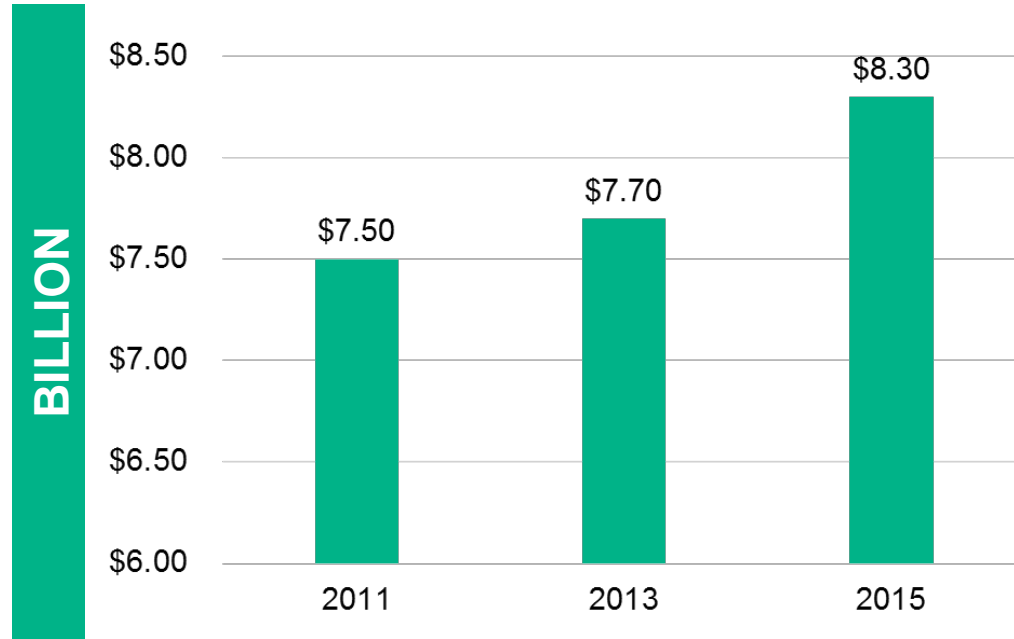
- **5** member cities
- **34** miles of waterfront
- **2,403** acres of land
- **3,535** acres of water
- **22** public parks
- **2** cargo terminals
- **2** cruise ship terminals



What We Do

Harbor Police	Maritime	Recreation	Planning and Green Port	Real Estate Development
				
<ul style="list-style-type: none"> • Land/Water • Firefighting • Airport 	<ul style="list-style-type: none"> • Cruise • Cargo • Strategic Port 	<ul style="list-style-type: none"> • 22 Parks • 150 Acres • Special Events 	<ul style="list-style-type: none"> • Land Use Planning • Green Programs • Restoration 	<ul style="list-style-type: none"> • 800 Businesses • New Development

Regional Economic Role



\$8.3
BILLION
9% increase
from 2013 to 2015

Chula Vista Bayfront

535 Acres

- Hotels
- Conference Space
- Residential
- Mixed Use
- Marina
- 230 Acres Parks & Open Space



Integrated Planning

- A project of regional importance
- A rare opportunity to think 50 years ahead
- A legacy for the Port and the community



Aquaculture & Blue Tech



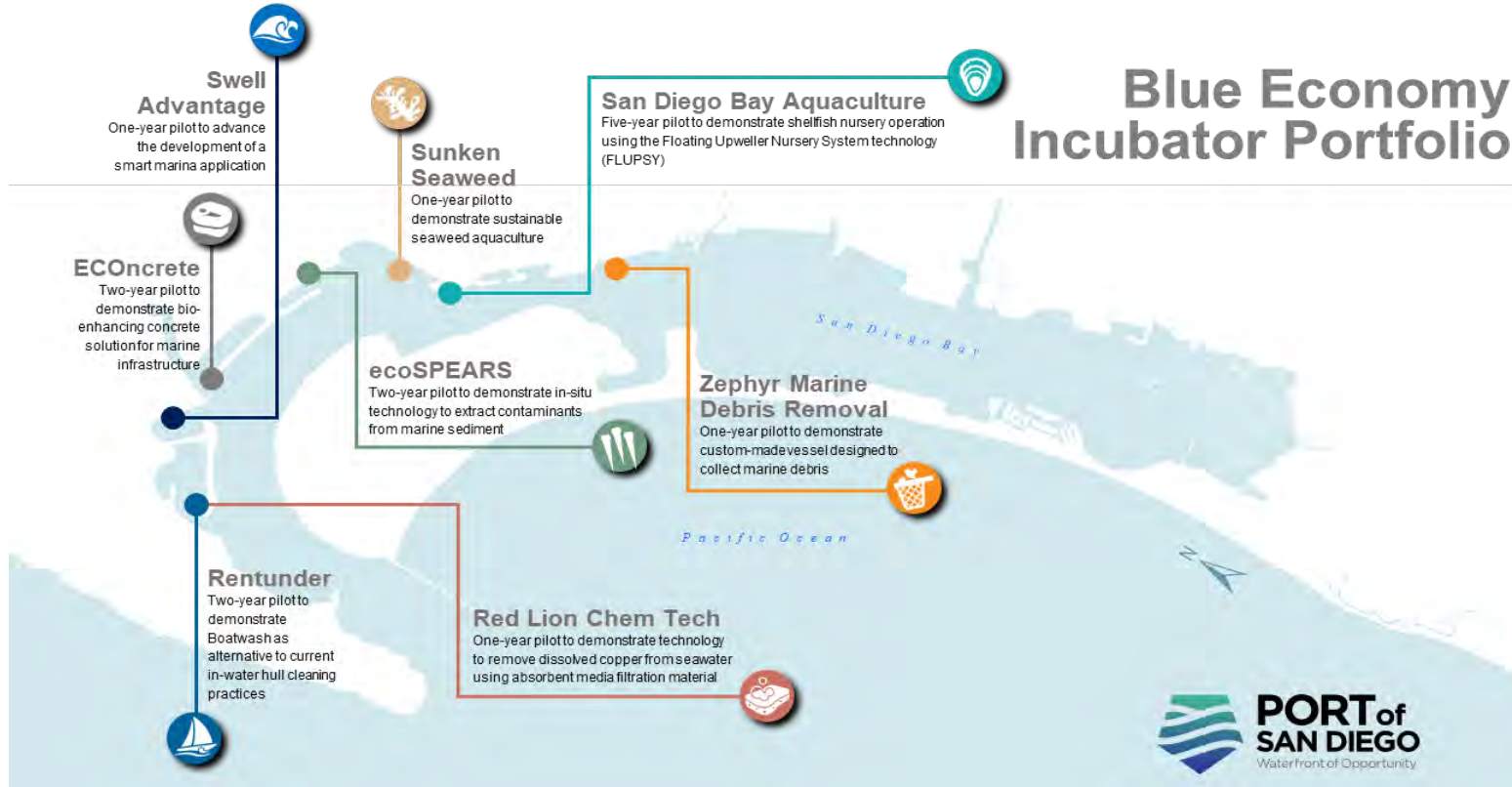
Aquaculture

- Business concept: oyster nursery production
- Buy seeds from hatcheries, grow to juvenile
- Documented demand from No. California and Pac. Northwest



Blue Tech Incubator

Blue Economy Incubator Portfolio



Environmental Conservation



South San Diego Bay



South Bay Salt Ponds



Pond 20 – Bank Site



Pond 20 – Proposed Bank Design



Pond 20 – Conceptual Restoration Plan

- Wetlands Mitigation Bank
 - 95 acres
 - Create tidal wetlands
- Otay River Estuary Restoration Project - USFWS & Poseidon Resources



Design Components and Construction Sequence

- Site excavation to marsh elevations
- Excavate tidal channels
- Transition zone/upland grading
- Berm breach construction
- Soil/sediment preparation and planting
- Poseidon - Fall 2020
- Port – Spring/Summer 2021



Excavation

- 550,000 cy of material
- Soil analyses completed
- Disposal site(s) still to be determined
 - Chula Vista Bayfront Redevelopment Project
 - San Diego Bay National Wildlife Refuge
 - Private entities



Previous redevelopment project in South Bay located north east of Pond 20

Otay River Estuary Restoration Project

- Mitigation for Poseidon Water Resources Desalination Facility
- To the North and East of Pond 20 Site
- Requires coordination between both projects



Mitigation Bank Progress

- ✓ USACE and IRT Coordination
- ✓ Final Prospectus
- ✓ Jurisdictional Determination Requested
- ✓ Soil Management Planning
- ✓ Environmental Review Initiated
- ✓ USFWS/Poseidon Coordination

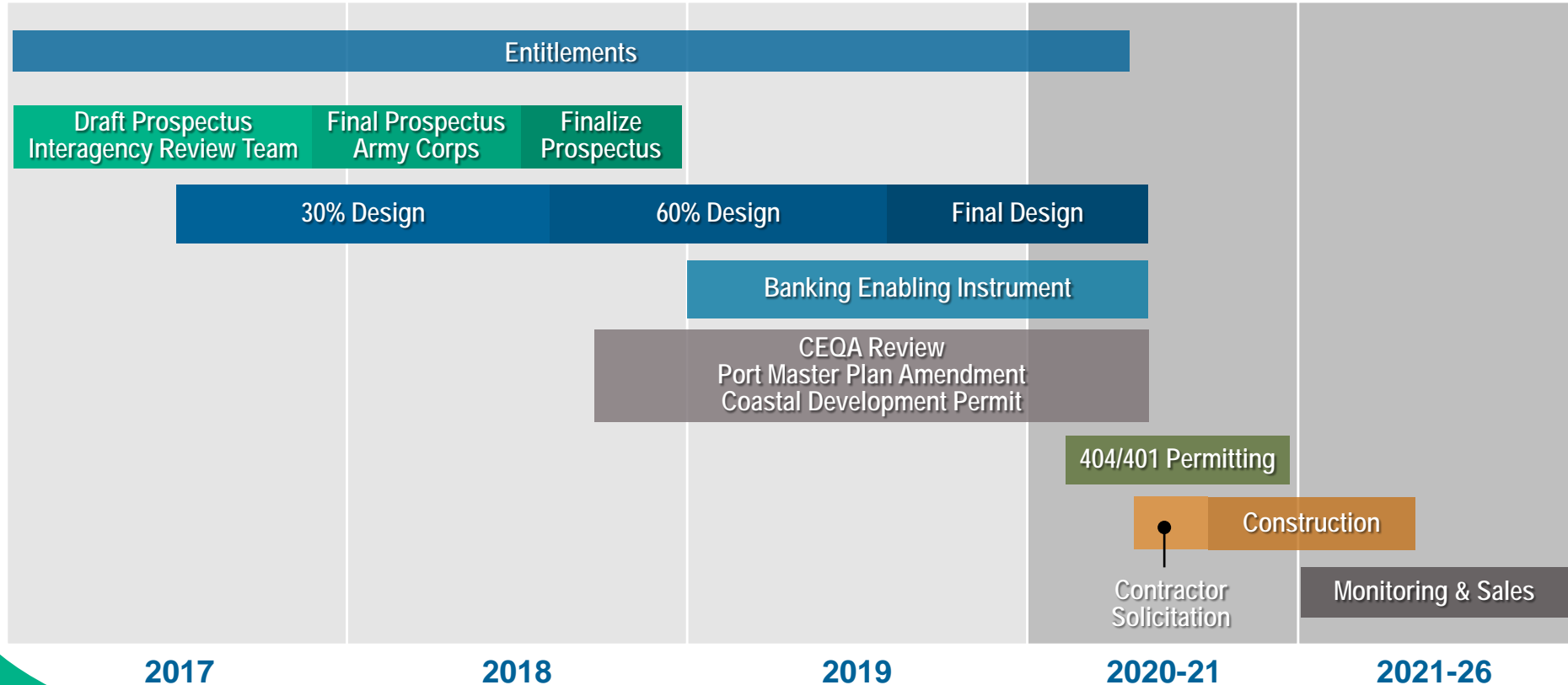


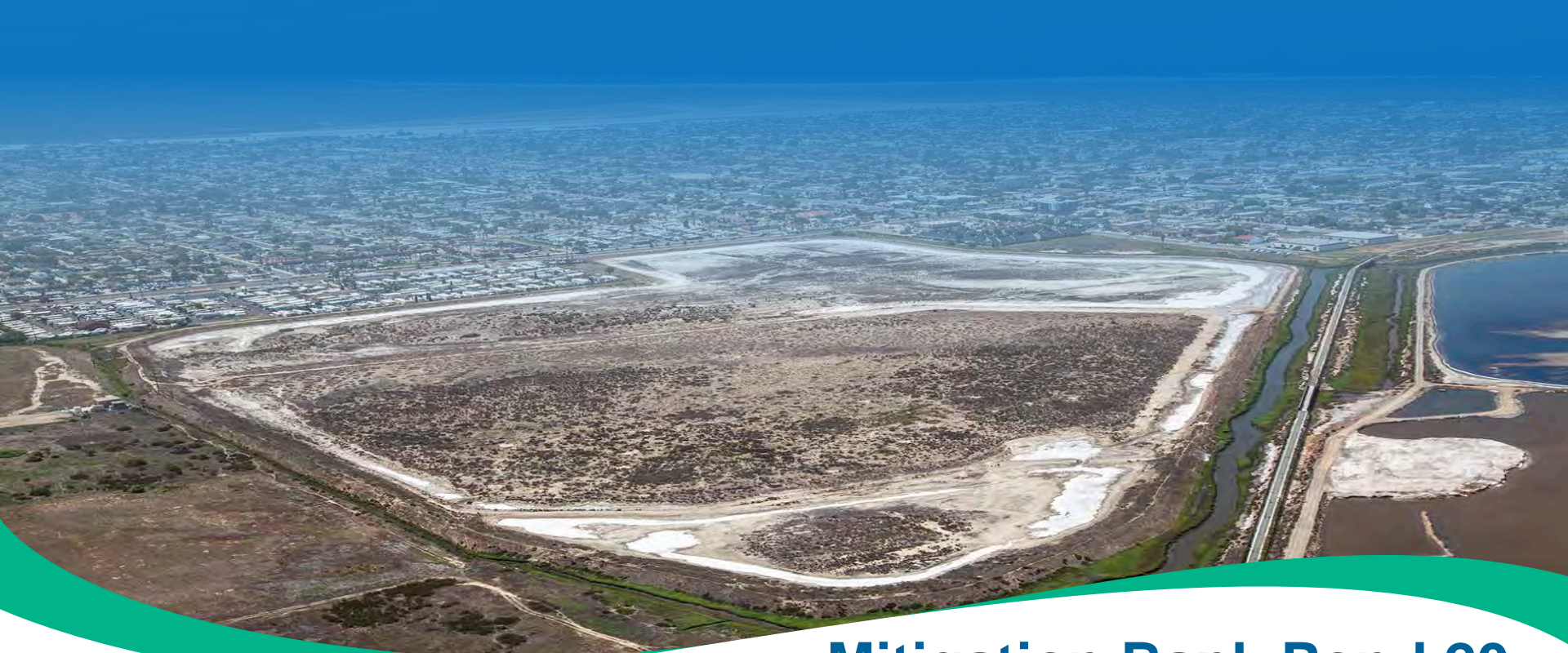
Next Steps

- Design Update and 60% Plan
- Assess Hydrology and Sea Level Rise
- USACE to issue Jurisdictional Determination
- Solicit for 100% design
- Submit draft Banking Enabling Instrument
- Complete Environmental & Coastal Review



Pond 20 Mitigation Bank Timeline





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