

# Integrated Planning Port Master Plan Update

PRESENTATION AND DIRECTION TO STAFF ON THE  
PORT MASTER PLAN UPDATE – DRAFT POLICY  
CONCEPTS REGARDING THE FOLLOWING TOPICS:

- A) MOBILITY ELEMENT
- B) ECONOMIC DEVELOPMENT ELEMENT
- C) RESILIENCY AND SAFETY ELEMENT
- D) NATURAL RESOURCES ELEMENT

Board of Port Commissioners

August 8, 2017

# TODAY'S WORKSHOP:

**SAN DIEGO UNIFIED PORT DISTRICT**  
**REQUEST TO SPEAK**  
Submit completed form to staff prior to Chair announcing the agenda item.

Non Agenda Public Comment  
Agenda Item No. **A**  
Date: \_\_\_\_\_  
In Favor ☐ In Opposition ☐ Neutral ☐

Other (specify) \_\_\_\_\_

**PERSONAL INFORMATION:**  
The information requested below is voluntary.  
Any information provided on this form is a public record and subject to disclosure under the California Public Records Act.

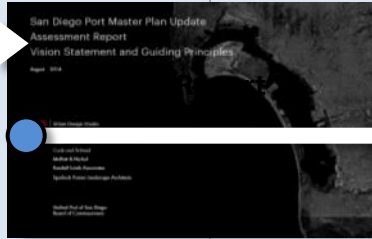
Name: \_\_\_\_\_  
(Please Print)  
Organization: \_\_\_\_\_

- A) MOBILITY ELEMENT**
  - Staff Presentation
  - Board Clarifying Questions
  - Public Comment
  - Board Discussion
- B) ECONOMIC DEVELOPMENT ELEMENT**
  - Staff Presentation
  - Board Clarifying Questions
  - Public Comment
  - Board Discussion
- C) RESILIENCY AND SAFETY ELEMENT**
  - Staff Presentation
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  - Public Comment
  - Board Discussion
- D) NATURAL RESOURCES ELEMENT**
  - Staff Presentation
  - Board Clarifying Questions
  - Public Comment
  - Board Discussion

## CONCLUSION AND NEXT STEPS

# INTEGRATED PLANNING PROCESS

## Vision Statement and Guiding Principles



## Draft Port Master Plan Update



Goals

Policies

- Mobility
- Economic Development
- Resiliency and Safety
- Natural Resources

Maps

CEQA Environmental Review

Coastal  
Commission  
Certification

Public Engagement and Stakeholder Outreach

*We are here*

2013

2014

2015

2016

2017

2018

2019

7/10/2017







**VISION  
STATEMENT  
& GUIDING  
PRINCIPLES**

**FRAMEWORK  
REPORT**

**PMPU  
GOALS**

**PMPU  
POLICY  
CONCEPTS**

**OBJECTIVES**

- **Market Ready**
- **Streamline Permit Process**
- **Certainty with Flexibility**
- **Balance Development with Natural Resources while Enhancing Fiscal Sustainability**

# Port Master Plan Update:

## Document Contents

1. Introduction

2. – 7. Elements

8. Planning Districts 1-10

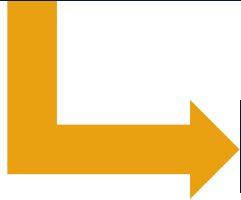
9. Definitions/Glossary

Cross-  
Connecting  
Themes

- 2. Land and Water Use
- 3. Mobility
- 4. Coastal Access & Recreation
- 5. Natural Resources
- 6. Resiliency and Safety
- 7. Economic Development

# Port Master Plan Update: Tiered Baywide Goals & Policies Approach

**Baywide Goals**



**Baywide Policies**



**Planning District Goals  
& Policies**





PROJECTS



POLICIES





# Mobility Element Policy Concepts





# Mobility Element Policy Concepts

## Current State



- Limited Mobility Options



- Limited Service Providers



- Car-Oriented Infrastructure



- Fragmented Access to Information

## Future State



- Options, Options, Options



- Integration of Public and Private Service Providers



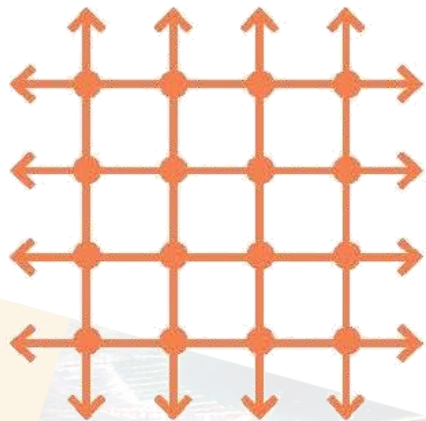
- People-Centric Development



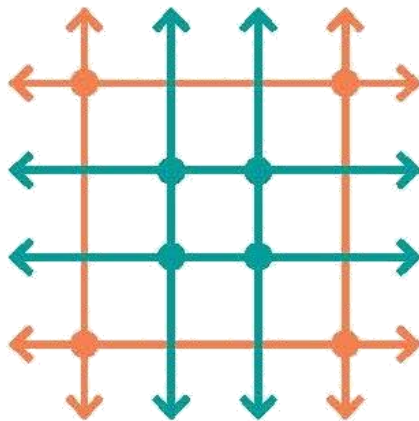
- Data-Driven Connected Tidelands

Source: Centre for Livable Cities, 2016

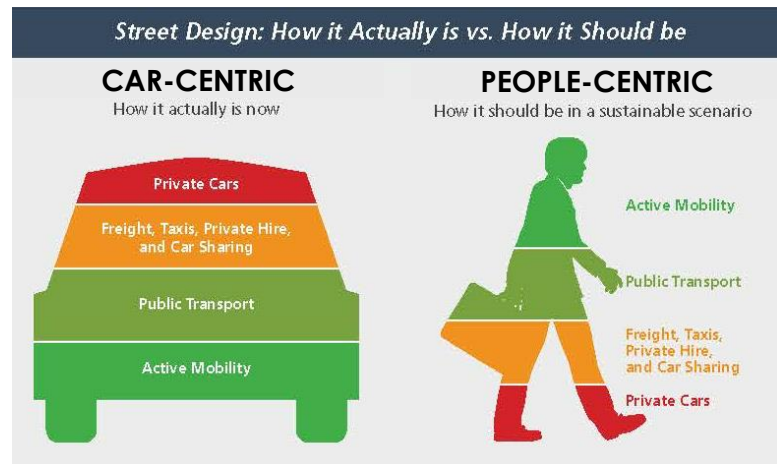
# Mobility Element Policy Concepts



— “vehicle” streets  
— “people” streets



● “vehicle” junctions  
● “people” space



Source: Centre for Livable Cities, 2016



**Maintain, including dredging as necessary, deep water draft depths in navigable corridors to support evolving ship size and berthing demands**



# Foundational Policies: Mobility



Allow for all vessels to safely access and depart from the District Tidelands



**Minimize hazardous conditions and vessel conflicts in San Diego Bay among ships, small craft, and structures**



# Mobility Element Policy Concepts

## Current State



- **Limited Mobility Options**



- Limited Service Providers



- Car-Oriented Infrastructure



- Fragmented Access to Information

## Future State



- **Options, Options, Options**



- Integration of Public and Private Service Providers



- People-Centric Development



- Data-Driven Connected Tidelands

Source: Centre for Livable Cities, 2016





# Mobility Element Policy Concept #1



## **Vision Statement & Guiding Principles:**

“Provide Ease of Mobility on Land and Water”

“Promote Clean Air, Healthy Communities, and Environmental Justice”

## **Framework Report Comprehensive Ideas:**

“Work closely with neighboring jurisdictions to improve multi-modal transportation system”

## **PMPU Mobility Goal:**

- A safe, efficient, convenient, and environmentally sustainable system of multi-modal connections on land and water for the movement of people and goods to and from neighboring jurisdictions and throughout the District
- Flexible and coordinated mobility, parking, and wayfinding that:
  - supports multiple modes of access



# M Policy Concept #1: Expand Publicly Available Mobility Options

## Explore and Expand Opportunities for Public Transit





# M Policy Concept #1: Expand Publicly Available Mobility Options

## Expand Shuttle Services Throughout Tidelands





# M Policy Concept #1: Expand Publicly Available Mobility Options

## Explore and Expand Opportunities for Bicycling





# M Policy Concept #1: Expand Publicly Available Mobility Options

## Integrate Mobility Options to Allow for Pedestrian Opportunities





# Mobility Element Policy Concept #2



## Vision Statement & Guiding Principles:

“Provide Ease of Mobility on Land and Water”

“Promote Clean Air, Healthy Communities, and Environmental Justice”

## Framework Report Comprehensive Ideas:

“Work closely with neighboring jurisdictions to improve multi-modal transportation system”

## PMPU Mobility Goal:

- A safe, efficient, convenient, and environmentally sustainable system of multi-modal connections on land and water for the movement of people and goods to and from neighboring jurisdictions and throughout the District
- Flexible and coordinated mobility, parking, and wayfinding that:
  - supports multiple modes of access



## M Policy Concept #2: Promote Privately-Provided Mobility Options

### Encourage Tourism-Focused Mobility Providers





## M Policy Concept #2: Promote Privately-Provided Mobility Options

### Encourage and Support Baywide Water Operators





# Mobility Element Policy Concept #3



## Vision Statement & Guiding Principles:

“Provide Ease of Mobility on Land and Water”

“Achieve Solidarity Among Partnering Agencies and Shareholders”

## Framework Report Comprehensive Ideas:

“Work closely with neighboring jurisdictions to improve multi-modal transportation system”

## PMPU Mobility Goal:

- A safe, efficient, convenient, and environmentally sustainable system of multi-modal connections on land and water for the movement of people and goods to and from neighboring jurisdictions and throughout the District
- Flexible and coordinated mobility, parking, and wayfinding that:
  - supports multiple modes of access



# M Policy Concept #3: Connect with Neighboring Jurisdiction's Networks

## Extend Streets to the Water

4529. Portion of Business District, San Diego, Cal.



# M Policy Concept #3: Connect with Neighboring Jurisdiction's Networks

## Integrate Bicycle Connections





# M Policy Concept #3: Connect with Neighboring Jurisdiction's Networks

## Integrate with Neighboring Jurissions



# Mobility Element Policy Concepts

## Current State



- Limited Mobility Options



- **Limited Service Providers**



- Car-Oriented Infrastructure



- Fragmented Access to Information

## Future State



- Options, Options, Options



- **Integration of Public and Private Service Providers**



- People-Centric Development



- Data-Driven Connected Tidelands

Source: Centre for Livable Cities, 2016



# Mobility Element Policy Concept #4



## Vision Statement & Guiding Principles:

“Provide Ease of Mobility on Land and Water”

“Promote Clean Air, Healthy Communities, and Environmental Justice”

## Framework Report Comprehensive Ideas:

“Work closely with neighboring jurisdictions to improve multi-modal transportation system”

## PMPU Mobility Goal:

- A safe, efficient, convenient, and environmentally sustainable system of multi-modal connections on land and water for the movement of people and goods to and from neighboring jurisdictions and throughout the District
- Flexible and coordinated mobility, parking, and wayfinding that:
  - supports multiple modes of access



## M Policy Concept #4: Encourage On-Demand Services

### Support Expansion of Local Area Services





# M Policy Concept #4: Encourage On-Demand Services

## Support Non-Motorized Local Area Services





# M Policy Concept #4: Encourage On-Demand Services

## Plan for Transportation Network Companies



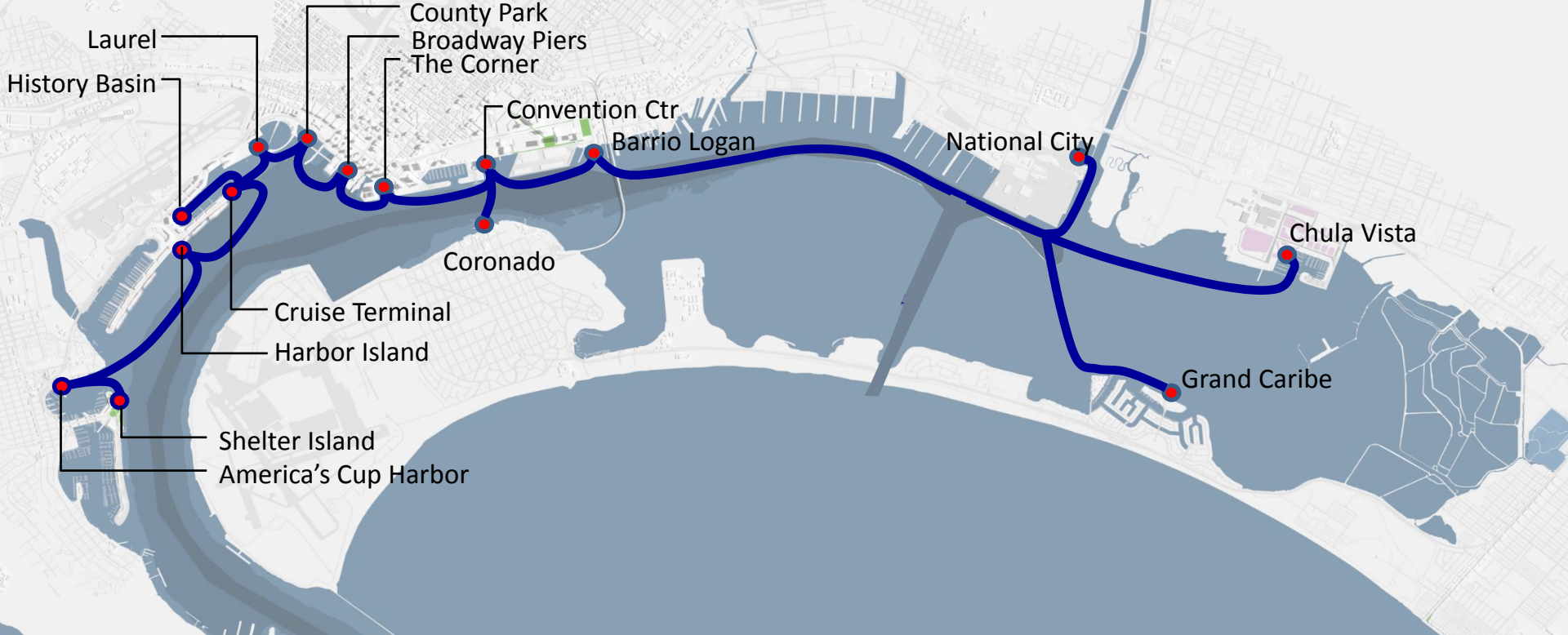
Source: Uber

## M Policy Concept #4: Encourage On-Demand Services

### Allow for Future Change in Mobility Service Providers







## Mobility Element Policy Concept #5

# M Policy Concept #5: Develop a Water Mobility Plan

## Vision Statement & Guiding Principles:

“Provide Ease of Mobility  
on Land and Water”  
“Honor the Water”

## Framework Report Comprehensive Ideas:

“Public Water  
Transportation Plan”

## PMPU Mobility Goal:

- A safe, efficient, convenient, and environmentally sustainable system of multi-modal connections on land and water for the movement of people and goods to and from neighboring jurisdictions and throughout the District
- Flexible and coordinated mobility, parking, and wayfinding that:
  - supports multiple modes of access



# M Policy Concept #5: Develop a Water Mobility Plan

## Provide a Diverse Mix of Water Mobility Options



# M Policy Concept #5: **Develop a Water Mobility Plan**

## **Provide Additional Transfer Areas Between Land and Water**





# Mobility Element Policy Concepts

## Current State



- Limited Mobility Options



- Limited Service Providers



- **Car-Oriented Infrastructure**



- Fragmented Access to Information

## Future State



- Options, Options, Options



- Integration of Public and Private Service Providers



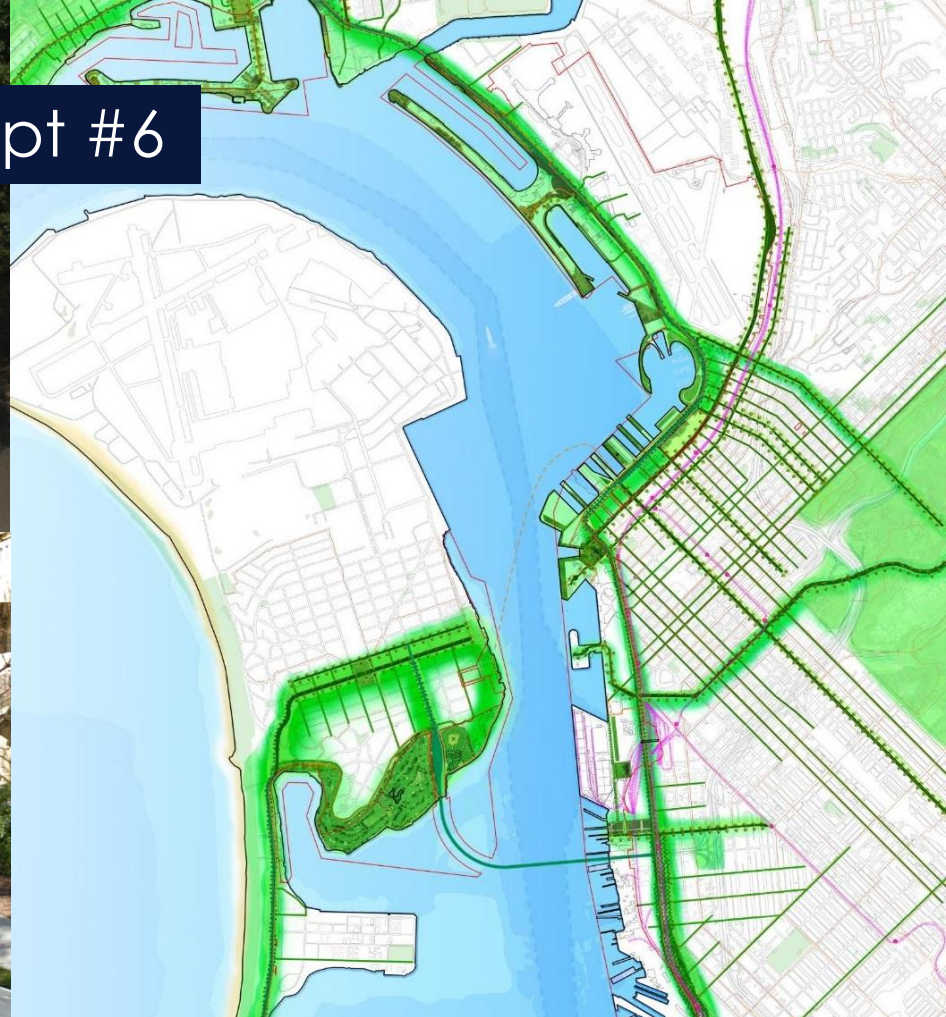
- **People-Centric Development**



- Data-Driven Connected Tidelands

Source: Centre for Livable Cities, 2016

# Mobility Element Policy Concept #6





# M Policy Concept #6: Pursue Strategic Street Calming

## Vision Statement & Guiding Principles:

“Guarantee the Public Realm”

“Provide Ease of Mobility on Land and Water”

## Framework Report Comprehensive Ideas:

“Green Necklace”

“Streets to the Water”

## PMPU Mobility Goal:

Flexible and coordinated mobility, parking, and wayfinding that:

- supports multiple modes of access;
- enables an economically competitive freight transport system;
- aligns fees and revenue with infrastructure investments;
- adapts to market changes and technological advances;
- provides sustainability co-benefits, such as air quality and greenhouse gas emissions reductions; and
- encourages stakeholder investment

# M Policy Concept #6: Pursue Strategic Street Calming

## Implement Pedestrian Safety Measures





# M Policy Concept #6: Pursue Strategic Street Calming Plan and Design Measures with Multiple Co-Benefits



# Mobility Element Policy Concept #7





## **Vision Statement & Guiding Principles:**

“Provide Ease of Mobility on Land and Water”

## **Framework Report Comprehensive Ideas:**

“Provide Adequate Parking and Consideration of Parking Management Strategies”

## **PMPU Mobility Goal:**

Provision and management of vessel berthing and vehicle parking through efficient site planning, strategic partnerships, and technological advances

# M Policy Concept #7: Implement Parking Management Solutions

## Consolidate Parking





# M Policy Concept #7: Implement Parking Management Solutions

## Optimal Placement of Parking



# M Policy Concept #7: Implement Parking Management Solutions

## Intelligent Systems for Parking Optimization

The image displays three screenshots of the ParkMe mobile application interface.

**Left Screenshot (Welcome Screen):** Shows the ParkMe logo (a blue speech bubble with a green arrow) and the text "Welcome to ParkMe". Below this is the text "Let's find you a parking spot." and a large blue "Get Started" button. At the bottom, there is a "Skip Setup" link.

**Middle Screenshot (Map View):** Shows a map of a city area with various parking spots marked by blue and green circular icons with price tags (e.g., \$18, \$14, \$13, \$12, \$15, \$10, \$6, \$12, \$16). A specific spot is highlighted with a green circle and labeled "Pershing Square Garage" with a price of "\$8" and "47% Full". A callout box indicates "Showing rates for 1 Hour". The bottom navigation bar includes icons for "Search", "ParkMe", and "Duration".

**Right Screenshot (Parking Facility Details):** Shows details for "Lot 3 North" at "1150 Palisades Beach Rd, Santa Monica, CA 90401, USA". It includes a photo of the lot, a "28% Full" status bar, and "Surface • 460 Total Spaces". The "Rates" section lists "Mon-Fri" at \$12 and "Sun-Sat" at \$12, with "Tax Included". The "Hours of Operation" are "6:30am-7pm". The "Payment Options" are "Bills, Coins, MC/Visa, Amex, Discover". The "Additional Info" section states "Lot Open Sunrise To Sunset Only" and "No Parking From Sunset to Sunrise Daily Except by Permit".



# Mobility Element Policy Concept #8



## **Vision Statement & Guiding Principles:**

“Provide Ease of Mobility on Land and Water”

“Promote Clean Air, Healthy Communities, and Environmental Justice”

## **Framework Report Comprehensive Ideas:**

“Enhance Public Access and Connection to the Waterfront”

“Strengthen Connections and Transition Nodes, particularly Transfers from One Mode to Another”

## **PMPU Mobility Goal:**

- A safe, efficient, convenient, and environmentally sustainable system of multi-modal connections on land and water for the movement of people and goods to and from neighboring jurisdictions and throughout the District
- Flexible and coordinated mobility, parking, and wayfinding that:
  - supports multiple modes of access



# M Policy Concept #8: Utilize Mobility Hubs

## Allow a Variety of Mobility Hub Sizes and Mobility Opportunities



## M Policy Concept #8: Utilize Mobility Hubs

### Integrate with Existing and Planned Circulation Networks





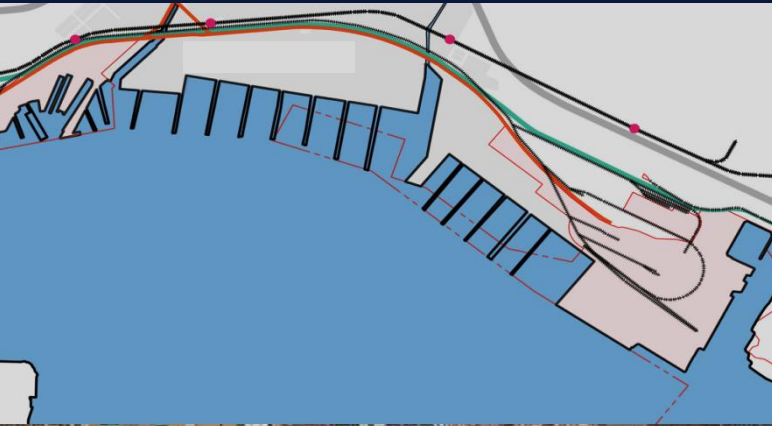
## M Policy Concept #8: Utilize Mobility Hubs

### Promote Sustainable Mobility Opportunities





# Mobility Element Policy Concept #9





## **Vision Statement & Guiding Principles:**

“Provide Ease of Mobility on Land and Water”

“Preserve the working Port as a dynamic and thriving element of the region’s economy and cultural history”

## **Framework Report Comprehensive Ideas:**

“Investigate the feasibility of a Haul Road parallel to Harbor Drive along the Working Waterfront ”

## **PMPU Mobility Goal:**

A safe, efficient, convenient, and environmentally sustainable system of multi-modal connections on land and water for the movement of people and goods to and from neighboring jurisdictions and throughout the District

# M Policy Concept #9: Explore Development of Multi-Modal Corridor

## Identify Efficient Routing





# M Policy Concept #9: Explore Development of Multi-Modal Corridor

## Prioritize Safety for All Users



# Mobility Element Policy Concept #10





## **Vision Statement & Guiding Principles:**

“Provide Ease of Mobility on Land and Water”

“Preserve the working Port as a dynamic and thriving element of the region’s economy and cultural history”

## **Framework Report Comprehensive Ideas:**

“Improve Efficiency of Maritime Commerce”

## **PMPU Mobility Goal:**

- A safe, efficient, convenient, and environmentally sustainable system of multi-modal connections on land and water for the movement of people and goods to and from neighboring jurisdictions and throughout the District
- Flexible and coordinated mobility, parking, and wayfinding that:
  - supports multiple modes of access

# M Policy Concept #10: Implement Sustainable Freight Strategies

## Integrate with Neighboring Jurisdictions





# M Policy Concept #10: Implement Sustainable Freight Strategies

## Implement State-of-the-Art Technologies



# M Policy Concept #10: Implement Sustainable Freight Strategies

## Prioritize Strategies that Result in Multiple Co-Benefits





# Mobility Element Policy Concepts

## Current State



- Limited Mobility Options



- Limited Service Providers



- Car-Oriented Infrastructure



- **Fragmented Access to Information**

## Future State



- Options, Options, Options



- Integration of Public and Private Service Providers



- People-Centric Development



- **Data-Driven Connected Tidelands**

Source: Centre for Livable Cities, 2016

# Mobility Element Policy Concept #11





## **Vision Statement & Guiding Principles:**

“Incorporate State of the Art Sustainability Practices”

## **Framework Report Comprehensive Ideas:**

“Implement energy conservation and sustainability practices”

## **PMPU Mobility Goal:**

Support implementation of technologies and infrastructure to expand safe and efficient access to transportation choices.

# M Policy Concept #11: Incorporate Intelligent Transportation Systems

## Enhance Existing Transportation Demand Management



Source: Wells and Assoc.



# M Policy Concept #11: Incorporate Intelligent Transportation Systems

## Pursue Intelligent Transportation Systems



# M Policy Concept #11: Incorporate Intelligent Transportation Systems

## Provide Flexibility for Future Changes in Technology





# Create the Next Great Waterfront Street

*Toronto Waterfront*



## A) MOBILITY ELEMENT

- Staff Presentation
- Board Clarifying Questions
- Public Comment
- Board Discussion







# Economic Development Policy Concepts





# Economic Development Policy Concepts

## Current State

- Support and Maintain Existing Core Uses

## Future State

- Reinvigorate Core Uses
- Catalyze Emerging Industries

# Economic Development Element Policy Concept #1





## **Vision Statement & Guiding Principles:**

“Preserve the working Port as a dynamic and thriving element of the region’s economy and cultural history”

## **Framework Report Comprehensive Ideas:**

“Fulfill the District’s Mission to promote commerce, navigation, fisheries, recreation, and environmental stewardship in the Bay”

## **PMPU Economic Development Goal:**

Priority land and water uses that contribute to the generation of commerce that supports the District’s Mobility Element goals and sustained economic strength

# ED Policy Concept #1: Unlock the Value of Tidelands

## Strategically Site Open Spaces





# ED Policy Concept #1: Unlock the Value of Tidelands

## Provide for Density Bonuses





# Economic Development Element Policy Concept #2





### **Vision Statement & Guiding Principles:**

“Preserve the working Port as a dynamic and thriving element of the region’s economy and cultural history”

### **Framework Report Comprehensive Ideas:**

“Develop shared infrastructure strategies”

### **PMPU Economic Development Goal:**

A financially prudent District that leverages public and private partnerships to invest in infrastructure and facilities strategically aligned with the District’s mission and fiduciary responsibilities

# ED Policy Concept #2: Prioritize Shared Infrastructure Investments

## Maintain Existing, and Invest in, New Infrastructure that Enhances Economic Vitality Throughout the District





# ED Policy Concept #2: Prioritize Shared Infrastructure Investments

## Collaborate with Neighboring Jurisdictions on Shared Infrastructure to Promote Economic Efficiency





# ED Policy Concept #2: Prioritize Shared Infrastructure Investments

## Private Participation in Public Infrastructure





ED Policy Concept #2: Prioritize Shared Infrastructure Investments  
**Pursue Strategic Partnerships with Military and Industry  
in Alignment with Shared Objectives**



# Economic Development Element Policy Concept #3





# ED Policy Concept #3: Support Opportunities to Accommodate Growth in the Maritime Industry

## **Vision Statement & Guiding Principles:**

“Preserve the working Port as a dynamic and thriving element of the region’s economy and cultural history”

## **Framework Report Comprehensive Ideas:**

“Fulfill the District’s Mission to promote commerce, navigation, fisheries, recreation, and environmental stewardship in the Bay”

## **PMPU Economic Development Goal:**

Thriving, efficient, and modern deep-water marine and cruise terminal operations that optimize the movement of goods and passengers and have local, regional, state, national, and international significance.

# ED Policy Concept #3: Support Opportunities to Accommodate Growth in the Maritime Industry

## Support Land and Water-side Improvements at Marine Terminals





# ED Policy Concept #3: Support Opportunities to Accommodate Growth in the Maritime Industry

## Invest in Terminal Infrastructure that Supports Optimization of Cargo Movement



# ED Policy Concept #3: Support Opportunities to Accommodate Growth in the Maritime Industry

## Strive for a Diverse Cargo Mix for Long-Term Economic Resiliency





# Economic Development Element Policy Concept #4



## **Vision Statement & Guiding Principles:**

“Preserve the working Port as a dynamic and thriving element of the region’s economy and cultural history”

## **Framework Report Comprehensive Ideas:**

“Fulfill the District’s Mission to promote commerce, navigation, fisheries, recreation, and environmental stewardship in the Bay”

## **PMPU Economic Development Goal:**

A financially sustainable District that invests in and maintains the District’s built and natural assets, public services, and security



## ED Policy Concept #4: Protect and Enhance Fisheries

### Prioritize Improvements that Support Fisheries



## ED Policy Concept #4: Protect and Enhance Fisheries

### Promote the Economic, Commercial, and Recreational Importance of Fishing and Fisheries





## ED Policy Concept #4: Protect and Enhance Fisheries

### Support Increased Activities in Fishing Areas Through Special Events and Complementary Visitor-Serving Opportunities





# Economic Development Element Policy Concept #5





## **Vision Statement & Guiding Principles:**

“Ensure Job Creation, Prudent Economic Policies, and Financial Sustainability”

## **Framework Report Comprehensive Ideas:**

”Support existing and future entrepreneurial opportunities considering a progressive economic and business growth strategy”

## **PMPU Economic Development Goal:**

A vibrant, internationally acclaimed waterfront that strives for excellence and is a destination for domestic and international tourism and recreational activities for the enjoyment of all people.

# ED Policy Concept #5: Encourage Development of Commercial Attractions

## Create a Regional, Statewide, and International Destination





# Economic Development Element Policy Concept #6



## **Vision Statement & Guiding Principles:**

“Honor the Water”

“Ensure Job Creation,  
Prudent Economic  
Policies, and Financial  
Sustainability”

## **Framework Report Comprehensive Ideas:**

“Fulfill the District’s  
Mission to promote  
commerce, navigation,  
fisheries, recreation, and  
environmental stewardship  
in the Bay”

## **PMPU Economic Development Goal:**

A vibrant, internationally acclaimed waterfront that strives for excellence and is a destination for domestic and international tourism and recreational activities for the enjoyment of all people.



## Market Ecotourism Activities to Increase Understanding and Enjoyment of San Diego Bay



# ED Policy Concept #6: Incentive and Activate Ecotourism Activities

## Develop an Environmental Information and Wayfinding Program





## ED Policy Concept #6: Incentive and Activate Ecotourism Activities

**Collaborate with Local and Regional Education Institutions and Non-Profits to Provide Ecotourism Tours and Information**



# Economic Development Element Policy Concept #7

• Reaser slide





## **Vision Statement & Guiding Principles:**

“Ensure Job Creation, Prudent Economic Policies, and Financial Sustainability”

## **Framework Report Comprehensive Ideas:**

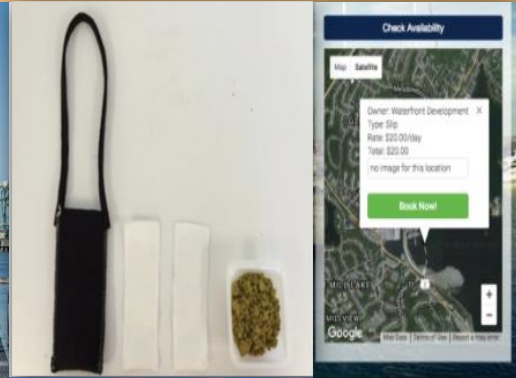
”Support existing and future entrepreneurial opportunities considering a progressive economic and business growth strategy”

## **PMPU Economic Development Goal:**

- A diversified and growing economy that creates jobs and is a home for innovation in existing and emerging water-dependent and water-related industries.

# ED Policy Concept #7: Catalyze Emerging Industries

Foster the creation, development, and growth of  
Blue Technology business ventures





## ED Policy Concept #7: Catalyze Emerging Industries

**Support the cultivation and farming of fish, shellfish, algae, and other similar products in a sustainable manner**





## B) ECONOMIC DEVELOPMENT ELEMENT

- Staff Presentation
- Board Clarifying Questions
- Public Comment
- Board Discussion





# Resiliency & Safety Policy Concepts





# Resiliency & Safety Policy Concepts

## Current State

- Project-by-Project Planning

## Future State

- Baywide and District-Level Planning & Coordination

# Foundational Policies: Resiliency and Safety





# Resiliency and Safety Element Policy Concept #1



## **Vision Statement & Guiding Principles:**

“Guarantee the Public Realm”

“Preserve the working Port as a dynamic and thriving element of the region’s economy and cultural history”

## **Framework Report Comprehensive Ideas:**

“Provide Greatest Level of Protection and Conservation”

## **PMPU Resiliency and Safety Goal:**

Integrated adaptive management intended to maintain Public Trust uses while minimizing risks to life and property in areas of potentially high geologic, flood, and fire hazard



# RS Policy Concept #1: Minimize Impacts from Flooding Events

## Maintain Shoreline Armoring





# RS Policy Concept #1: Minimize Impacts from Flooding Events

## Maintain Function of Critical Facilities





# RS Policy Concept #1: Minimize Impacts from Flooding Events

## Site and Design Development to Protect from Flooding Events





# Resiliency and Safety Element Policy Concept #2





## **Vision Statement & Guiding Principles:**

“Incorporate State of the Art Sustainability Practices”

“Guarantee the Public Realm”

## **Framework Report Comprehensive Ideas:**

“Provide Greatest Level of Protection and Conservation”

## **PMPU Resiliency and Safety Goal:**

Integrated adaptive management intended to maintain Public Trust uses while minimizing risks to life and property in areas of potentially high geologic, flood, and fire hazard

# RS Policy Concept #2: Accommodate Temporary & Occasional Coastal Flooding

## Plan for Flooding Events to Protect Life and Property





# RS Policy Concept #2: Accommodate Temporary & Occasional Coastal Flooding

## Allow for Temporary & Occasional Flooding of Recreation Open Space



# RS Policy Concept #2: Accommodate Temporary & Occasional Coastal Flooding

## Site and Design Public Infrastructure to Withstand Temporary & Occasional Flooding





# Resiliency and Safety Element Policy Concept #3



## **Vision Statement & Guiding Principles:**

“Incorporate State of the Art Sustainability Practices”

“Guarantee the Public Realm”

## **Framework Report Comprehensive Ideas:**

“Provide Greatest Level of Protection and Conservation”

## **PMPU Resiliency and Safety Goal:**

Integrated adaptive management intended to maintain Public Trust uses while minimizing risks to life and property in areas of potentially high geologic, flood, and fire hazard



## RS Policy Concept #3: Plan for Managed Retreat

### Allow for managed retreat at appropriate locations



## RS Policy Concept #3: Plan for Managed Retreat

Site development and natural resource areas with appropriate buffers





# Resiliency and Safety Element Policy Concept #4



## **Vision Statement & Guiding Principles:**

“Guarantee the Public Realm”

“Achieve Solidarity Among Partnering Agencies and Shareholders”

## **Framework Report Comprehensive Ideas:**

“Provide Greatest Level of Protection and Conservation”

## **PMPU Resiliency and Safety Goal:**

Integrated adaptive management intended to maintain Public Trust uses while minimizing risks to life and property in areas of potentially high geologic, flood, and fire hazard



# RS Policy Concept #4: Baywide Sea Level Rise Adaptation Planning

## Perform Vulnerability Assessments



# RS Policy Concept #4: Baywide Sea Level Rise Adaptation Planning

## Coordinate with Neighboring Jurisdictions For Sea Level Rise Adaptation Strategies





## Enable and Encourage Existing and Planned Development to Share Adaptive Solutions and Potential Cost Sharing



## C) RESILIENCY AND SAFETY ELEMENT

- Staff Presentation
- Board Clarifying Questions
- Public Comment
- Board Discussion







# Natural Resources Policy Concepts





# Natural Resources Policy Concepts

## Current State

- Support and Maintain Existing Uses with No Net Loss

## Future State

- Future Net Gain or Benefit



**Maintain existing, and encourage the expansion of, native habitat  
at appropriate sites, where feasible**





**Encourage conservation strategies which are in alignment with ecosystem management, natural resource enhancements, and sustainable uses**



# Foundational Policies: Natural Resources

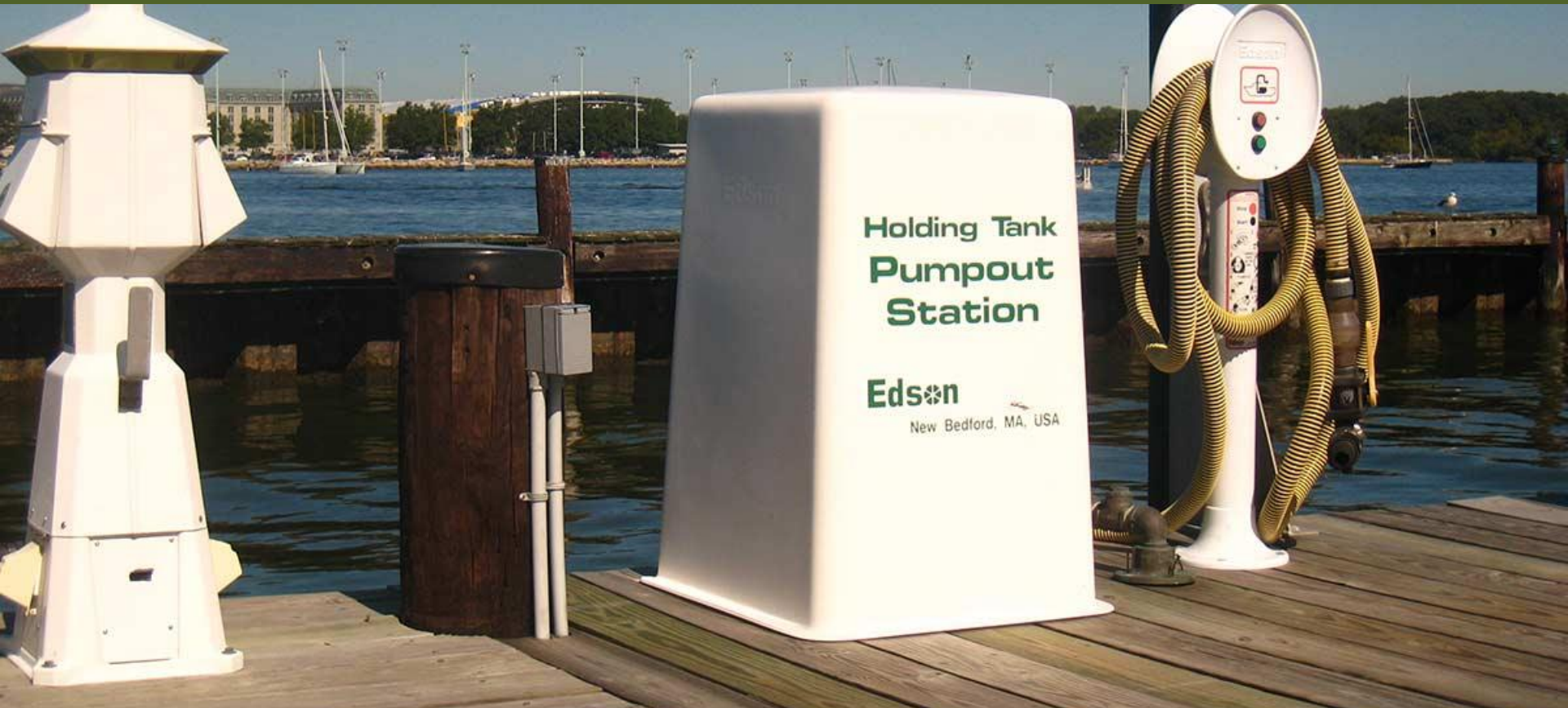


Site and design development to be in balance with conservation and open space to avoid then minimize impacts





**Continue to expand the use of Best Management Practices**



Promote environmental education regarding pollution prevention



# Natural Resource Element Policy Concept #1





## **Vision Statement & Guiding Principles:**

“Honor the Water”

“Celebrate Nature and Ecology”

## **Framework Report Comprehensive Ideas:**

“Provide Greatest Level of Protection and Conservation”

## **PMPU Natural Resources Goal:**

- Sustainable, interconnected, and biologically diverse native habitats within the San Diego Bay ecosystem
- Protected, restored, enhanced, or expanded conservation and habitat areas, which include opportunities for mitigation banking and adaptation to sea level rise



# NR Policy #1 Concept: Explore Mitigation Planning

## Conduct Mitigation Planning to Protect, Conserve, and Enhance Sensitive Marine Habitats





# NR Policy #1 Concept: Explore Mitigation Planning

## Pursue Mitigation Banking to Offset Impacts from Future Development





## D) NATURAL RESOURCES ELEMENT

- Staff Presentation
- Board Clarifying Questions
- Public Comment
- Board Discussion







# Next Steps

# Integrated Planning: Port Master Plan Update

## 2017 Public Engagement Timeline

<b>BPC Meeting: August 8, 2017</b> <ul style="list-style-type: none"><li>• Mobility Element Policy Concepts</li><li>• Natural Resources Element Policy Concepts</li><li>• Resiliency and Safety Element Policy Concepts</li><li>• Economic Development Element Policy Concepts</li></ul>	<b>PUBLIC OPEN HOUSE EVENT</b>  August 10, 2017  6-8pm  Port Administration Building	<b>BPC Meeting: October 10, 2017</b> <ul style="list-style-type: none"><li>• Coastal Access and Recreation Element Policy Concepts</li><li>• Land and Water Use Element Policy Concepts</li></ul>	<b>PUBLIC OPEN HOUSE EVENT</b>	<b>BPC Meeting: November 14, 2017</b> <ul style="list-style-type: none"><li>• Planning District Policy Concepts &amp; Land and Water Use Maps</li></ul>	<b>PUBLIC OPEN HOUSE EVENT</b>	<b>BPC Meeting:</b> <ul style="list-style-type: none"><li>• Present Discussion Draft PMPU and Initiate 30-day Public Review Period</li></ul>	<b>PUBLIC OPEN HOUSE EVENT</b>
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Ongoing Stakeholder and Agency Involvement

8/8/2017



# Integrated Planning: Port Master Plan Update

## Modified 2017 Public Engagement Timeline

**2017**

**Additional Public Engagement  
& Complete Draft PMPU**

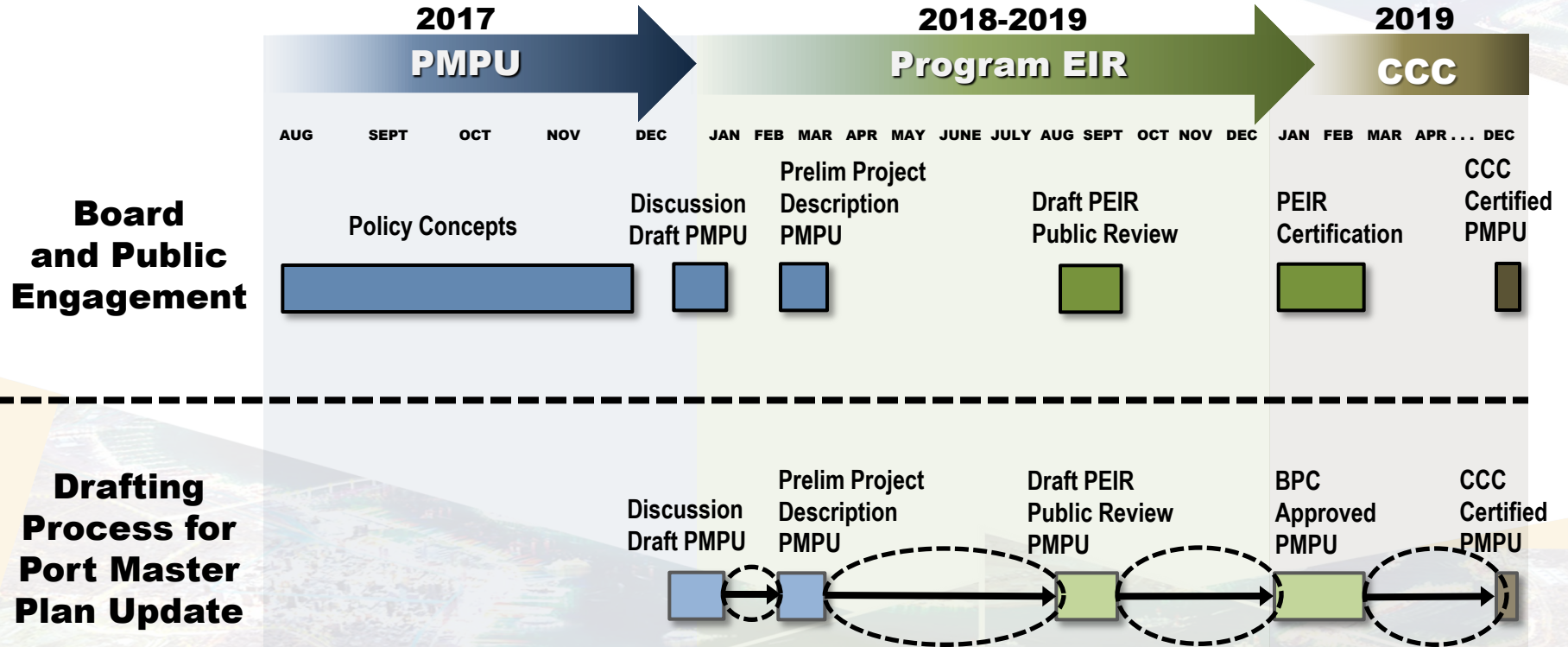
**2018-2019**

**Prepare Environmental  
Impact Report**

**2019**

**Process with  
Coastal Commission**

# Integrated Planning: Port Master Plan Update





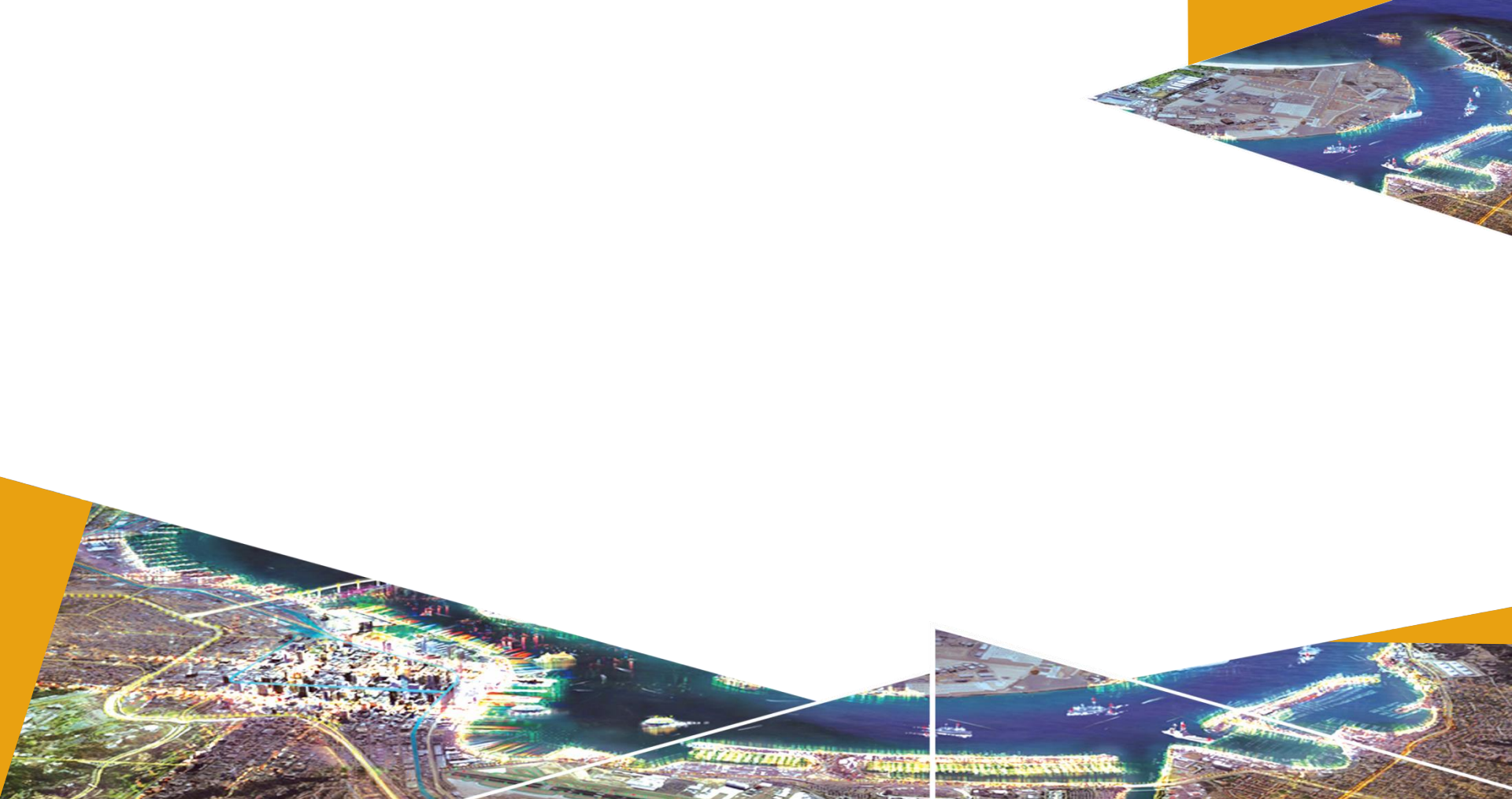
# **Integrated Planning Port Master Plan Update**

**PRESENTATION AND DIRECTION TO STAFF ON THE  
PORT MASTER PLAN UPDATE – DRAFT POLICY  
CONCEPTS REGARDING THE FOLLOWING TOPICS:**

- A) MOBILITY ELEMENT**
- B) ECONOMIC DEVELOPMENT ELEMENT**
- C) RESILIENCY AND SAFETY ELEMENT**
- D) NATURAL RESOURCES ELEMENT**

**Board of Port Commissioners**

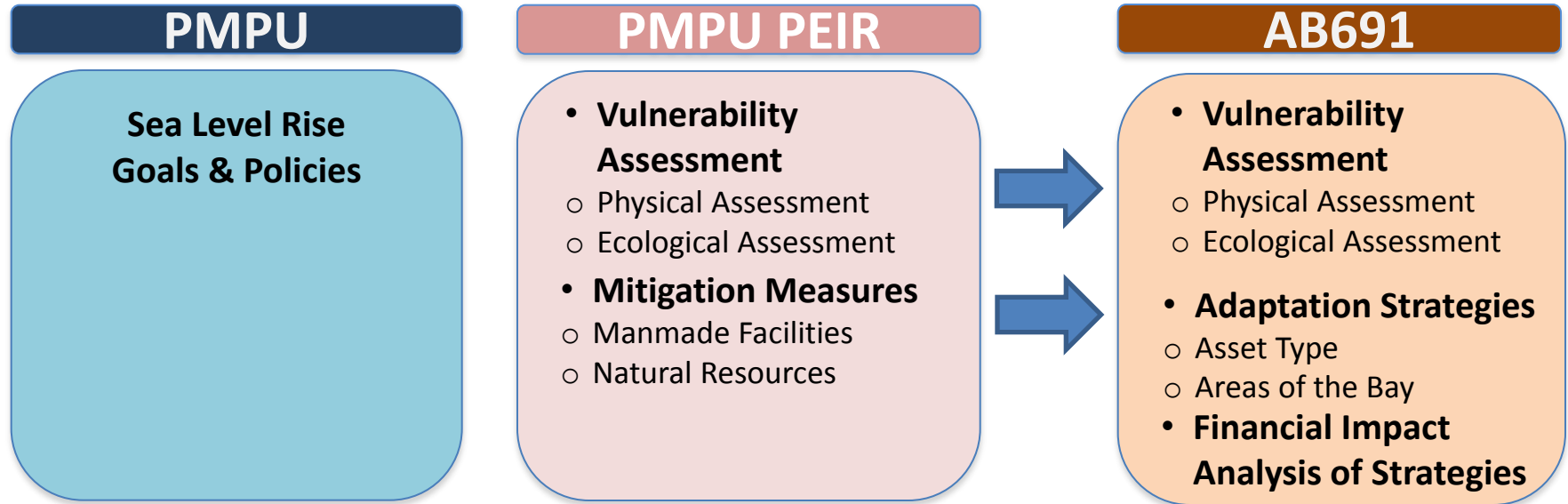
**August 8, 2017**





# Sea Level Rise Assessment Contents:

## PMPU, PMPU PEIR, & AB691



- **A safe, efficient, convenient, and environmentally sustainable system of multi-modal connections on land and water for the movement of people and goods to and from neighboring jurisdictions and throughout the District**
- **Flexible and coordinated mobility, parking, and wayfinding that:**
  - supports multiple modes of access;
  - enables an economically competitive freight transport system;
  - aligns fees and revenue with infrastructure investments;
  - adapts to market changes and technological advances;
  - provides sustainability co-benefits, such as air quality and greenhouse gas emissions reductions; and
  - encourages stakeholder investment
- **Provision and management of vessel berthing and vehicle parking through efficient site planning, strategic partnerships, and technological advances**
- **Improved multi-modal connections to the San Diego International Airport and attractions, activity, employment, and commerce centers on District Tidelands**



# ECONOMIC DEVELOPMENT

- A financially sustainable District that invests in and maintains the District's built and natural assets, public services, and security
- Thriving, efficient, and modern deep-water marine and cruise terminal operations that optimize the movement of goods and passengers and have local, regional, state, national, and international significance
- Priority land and water uses that contribute to the generation of commerce that supports the District's Mobility Element goals and sustained economic strength
- A diversified and growing economy that creates jobs and is a home for innovation in existing and emerging water-dependent and water-related industries
- A vibrant, internationally acclaimed waterfront that strives for excellence and is a destination for domestic and international tourism and recreational activities for the enjoyment of all people
- A financially prudent District that leverages public and private partnerships to invest in infrastructure and facilities strategically aligned with the District's mission and fiduciary responsibilities

# RESILIENCY AND SAFETY

- Strong public safety execution, coordination, and communication with applicable local, regional, state and federal jurisdictions
- Integrated adaptive management intended to maintain Public Trust uses while minimizing risks to life and property in areas of potentially high seismic, flood, and fire hazard



# NATURAL RESOURCES

- Sustainable, interconnected, and biologically diverse native habitats within the San Diego Bay ecosystem
- Protected, restored, enhanced, or expanded conservation and habitat areas, which include opportunities for mitigation banking and adaptation to sea level rise
- Development and activities that respect, and are compatible with, conservation and habitat areas
- Healthy waters and ecosystems within the District that are swimmable, fishable, and farmable and optimize beneficial water uses
- Conservation and habitat areas that support and encourage ecotourism and compatible commercial activities