

Maritime Clean Air Strategy: Heavy-Duty Truck Objectives

January 11, 2022
















Agenda Item 15

File No. 2021-0421



Maritime Clean Air Strategy

Vision Statement: **Health Equity for All**

By June 30, 2026 (End of FY26)	By 2030 (End of CY30)
<div>  <p>Maritime Clean Air Strategy</p>  </div> <div> <p>Near-term Goals and Objectives</p> <ul style="list-style-type: none">  Public Health  Community Enrichment  Cargo Handle Equipment  Harbor Craft  Heavy Duty Trucks  Port Fleet  Shipyards  Ocean-Going Vessels  Rail  Enabling </div>	<div> <p>Long-term Goals</p>    </div>

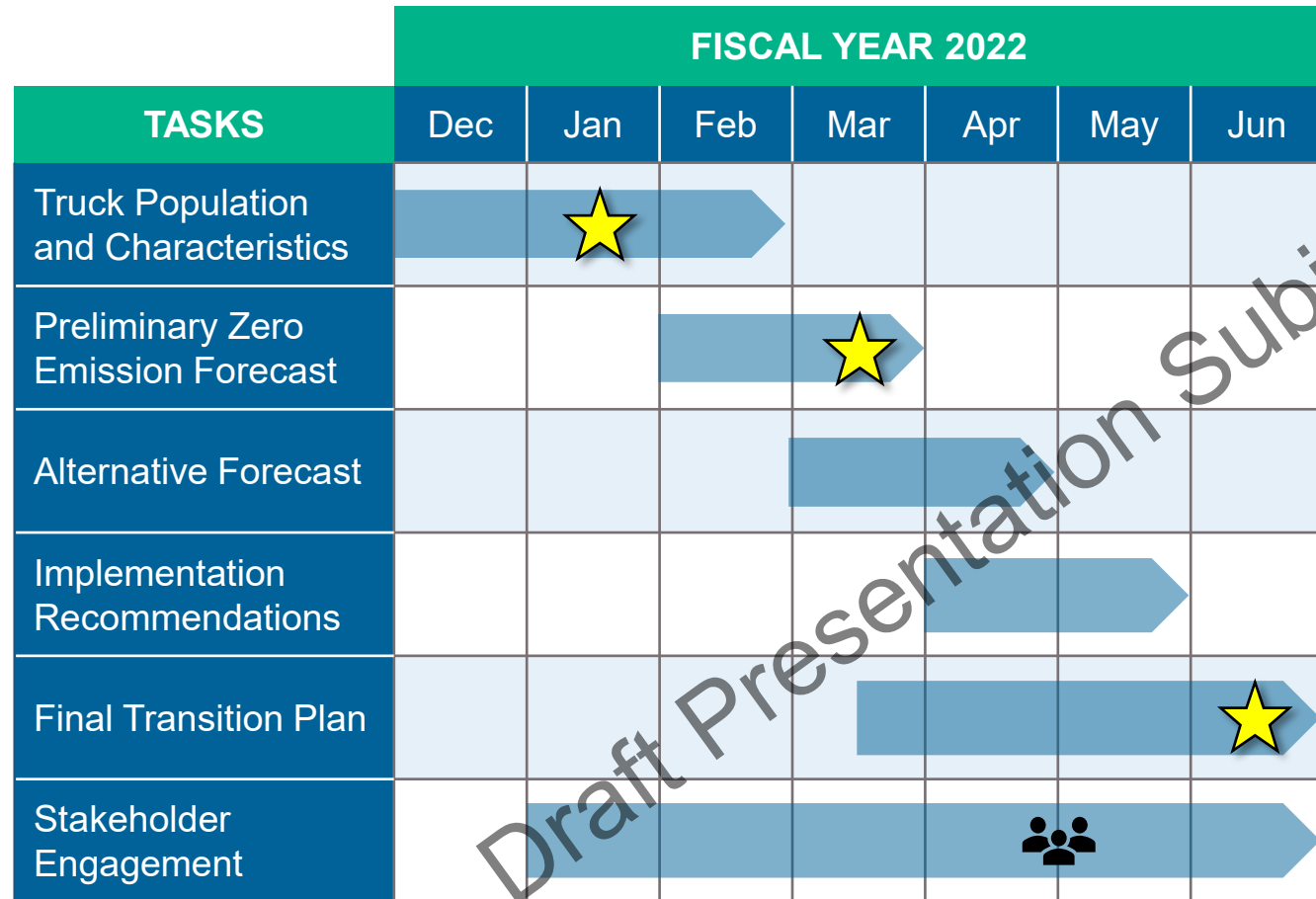
Heavy-Duty Truck Goals and Objectives



- **Truck Objective 1A** (as amended): Develop a Heavy-Duty Truck Transition Plan by June 2022
- **Truck Objective 1B**: Develop Short Haul Zero Emission Truck Program by the end of 2022
- **Truck Objective 1D**: Creation of a Truck Registry to track zero emission truck implementation by June 30, 2023
- **Truck Objective 2A**: Identification of four locations for zero emission truck charging by the end of 2022

Objective 1A:

Heavy-Duty Zero Emission Truck Transition Plan



Board of Port Commissioners Meeting



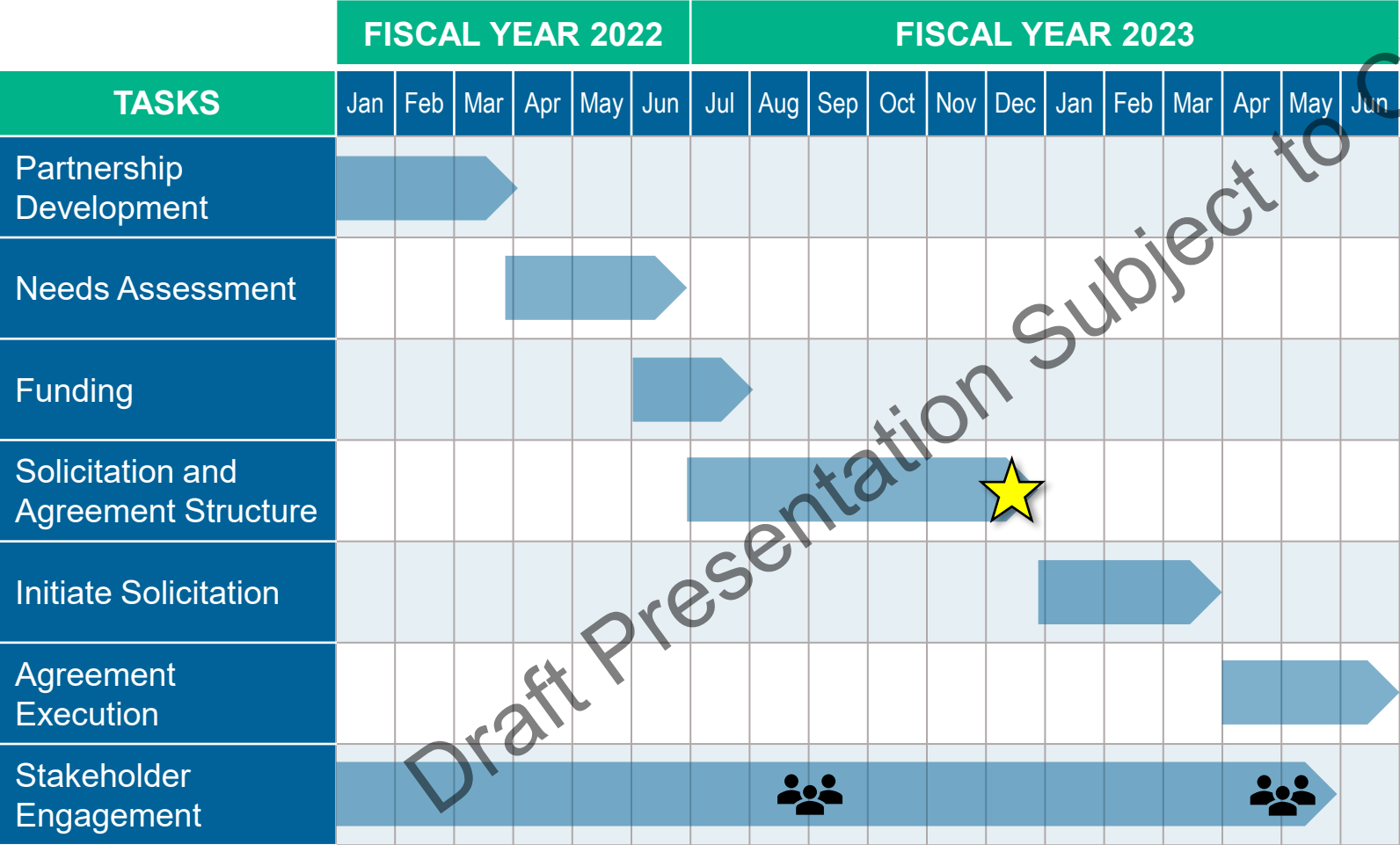
Community Engagement

CURRENT STATUS

- Retained a qualified consultant
- Truck population and characteristics
- Validating existing data from a license plate reader at TAMT
- Developed survey questionnaire
- Initiated testing of the survey with selected fleet managers
- Scheduled dates to conduct survey at marine terminals

Objective 1B:

Short Haul Zero Emission Truck Program



CURRENT STATUS

- Partnership development
 - San Diego Air Pollution Control District
 - San Diego Gas & Electric
 - Trucking Fleets
 - Truck Manufacturers
- Needs assessment



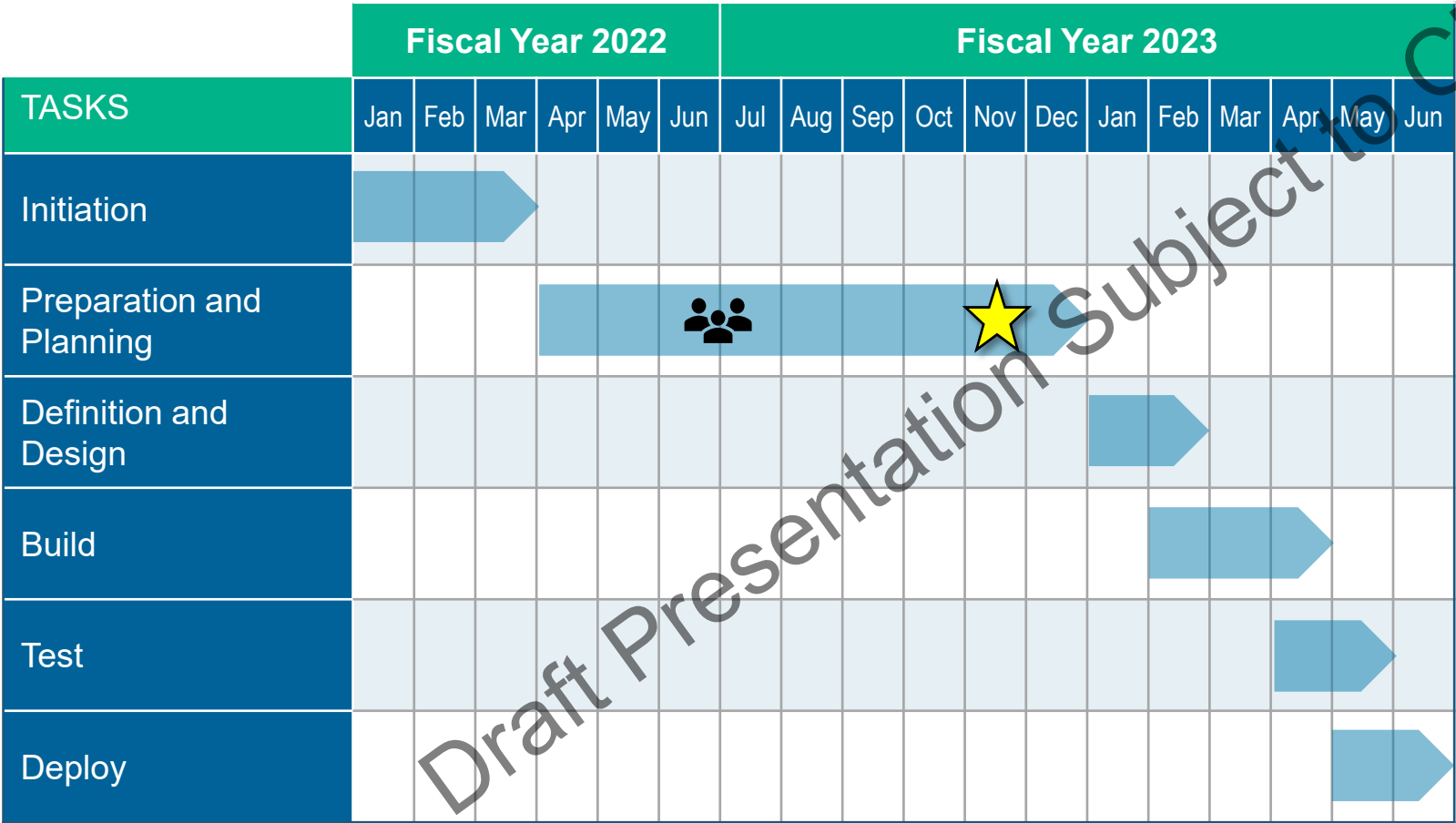
Board of Port Commissioners Meeting



Community Engagement

Objective 1D:

Truck Registry and Tracking Mechanism



CURRENT STATUS

- Initiation
- Developing core team
- Establish truck tracking needs
- Identify and evaluate technology solutions



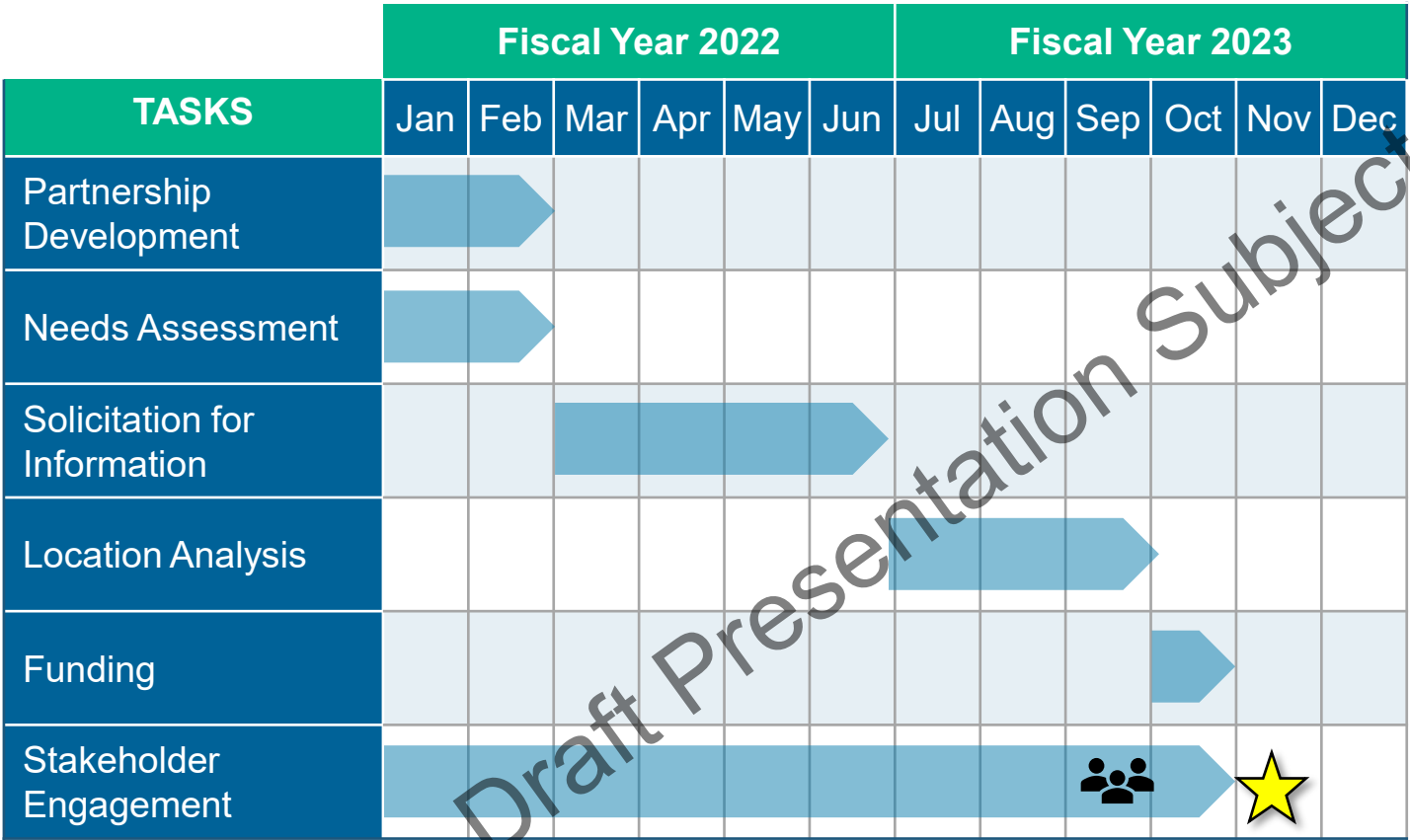
Board of Port Commissioners Meeting



Community Engagement

Objective 2A:

Heavy-Duty Truck Charging Locations (4 Sites)



CURRENT STATUS

- Partnership development
 - SANDAG
 - San Diego Gas & Electric
 - California Energy Commission
 - CALSTART
 - CalTrans
- Needs assessment



Board of Port Commissioners Meeting



Community Engagement

Partnerships and Engagement

TRUCKING COMPANIES CALSTART

San Diego Air Pollution Control District

**California Energy
Commission**

TRUCK
MANUFACTURERS California
Ports

Port Tenants Association

Dole

AB 617 Portside Community
Steering Committee

SAN DIEGO GAS & ELECTRIC

Environmental Health Coalition

International Council
on Clean Transportation

California Air Resources Board

PASHA

Teamsters Local No. 542

*Natural Resources
Defense Council*

San Diego Association
of Governments

And many more...

Next Steps

- March 2022 Board Meeting: Preliminary Zero Emission Truck Transition Pathway
- June 2022 Board Meeting: Final Heavy-Duty Zero Emission Truck Transition Plan
- Advance Supporting Near-Term Truck Objectives

Draft Presentation Subject to Change

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**PORT of
SAN DIEGO**
Waterfront of Opportunity