

# Massachusetts Port Authority Port Sustainability Initiatives



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# Overview of Massachusetts Port Authority

- Independent State Authority
- Governor appoints Board
- Self-financing
- Primary Massport facilities:
  - Logan International Airport
  - Port of Boston
  - Tobin Bridge
  - Major waterfront land holdings



# Massport's Maritime Operations



Conley Container Terminal



Black Falcon Cruise Terminal



Boston Autoport



Boston Fish Pier



Massport Marine Terminal



# Massachusetts Port Authority's Strategic Vision for the Port of Boston

- Increase the amount of foreign and domestic water-borne commerce (primarily containers) through the Port of Boston
- Develop facilities and related access infrastructure to support growth in key business lines
- Develop other Maritime properties to support core businesses and provide financial return to make capital investments in port facilities
- Operate in a fiscally, environmentally and socially sustainable manner



# Massachusetts Port Authority

## Port Sustainability Initiatives – General

- 2000 Environmental Management Policy
  - Operate facilities in an environmentally sound and sustainable manner;
  - Minimize impact of operations on the environment;
  - Incorporate sustainable design principles in planning, design and operation of facilities; and
  - Consider environmental factors in business, financial, operational and programmatic decisions.
- Environmental Mgt. Policy recently updated to include additional sustainability and energy conservation programs and targets
- Authority-wide sustainability strategy in development
- Baseline inventory of Massport's port-related emissions underway



# Massachusetts Port Authority Port Sustainability Initiatives – Conley Terminal

- Conley Terminal Environmental Management System and ISO 14001 Certif.
- Recycling of specialized waste
- ULSD conversion for yard equipment
- Equipment retrofits
- “Green” equipment replacement program
- Truck idling reduction
- Designated/dedicated truck routes
- Buffer zones



# Massachusetts Port Authority Port Sustainability Initiatives – Other Facilities

## Fish Pier

- Recycling of seafood processing waste
- Shore power for fishing vessels

## Open Space and Park Operations

- Massport maintains > 30 acres of open space
- Sustainable landscape practices

## Leased Facilities

- “Green” lease terms
- Voluntary sustainable initiatives by tenants



# Massachusetts Port Authority

## Sustainable Planning, Development & Construction

- Redevelopment of underutilized properties supports regional “smart growth” policy
- Sustainable Design Standards and Guidelines recently completed
- Voluntary compliance with “LEED Plus” green building requirements
- Planning for potential future shore power at Massport berths

