Global Reach. Local Benefits.

Linda Sternheimer
Director, Urban Planning and Engagement
Quick Facts about Port of Cleveland

Created in 1968 by ORC 4582 to provide efficient and business-like management of waterfront cargo docks

9 Board Members
- 6 by Mayor of City of Cleveland
- 3 by County Executive

Port owns/leases approximately 145 waterfront acres
- Landlord model
  - Private sectors handles cargo; Port is asset manager

• Budget
  - Operating = $20,000,000
    - $14M Maritime
    - $3M Finance
    - $3M Taxes

• Location
  - Downtown Cleveland
Port of Cleveland Overview

• Eastern-most, major U.S. port of call on the Great Lakes/St. Lawrence Seaway System

• A “destination” port connecting NE Ohio to the global economy

• 90% of cargo produced or consumed within a 75-mile radius

• Half of American marketplace within eight-hour drive
Port of Cleveland Overview

Cleveland Harbor includes public & private terminals along Lake Erie shoreline & 6.5 mile navigation channel of the Cuyahoga River

Lake and river terminals regularly handle:

- Finished and semi-finished steel
- Iron ore, stone, sand, cement, liquid bulks
- Oversized “project” cargo including wind energy components
Cleveland’s Port in Context
Cleveland’s Port in Context
Stepped Up Mission

- Dual mission of operating a well run Maritime Port and solving infrastructure challenges in the following key areas:
  1. At the Port
  2. In the Harbor
  3. Around the community
At the Port: Green Marine

Green Marine is a voluntary environmental certification program for the North American marine industry. It is a rigorous, transparent and inclusive initiative that addresses key environmental issues through its 11 performance indicators.

- The Port of Cleveland is a founding member and has taken a leadership role in the organization.
Cleveland Harbor

6 miles of breakwater

5.9 mile Ship Channel on the Cuyahoga River + 1 mile on the Old River Channel

Depths of 28 feet in outer harbor and 23 feet in the River
III. Floating Debris Management
Flotsam & Jetsam

Port designed and custom built debris harvesters
$460,000 EPA grant to Port

Since fall 2012:
500 TONS of small floating debris has been harvested:
  Plastic Bottles
  Coffee Cups
  Branches and weeds
  2 plastic grocery bags

55 -30 yard dumpsters of large logs
Typical post storm debris at CSO outfall
Floating Boom repairs at Scranton Habitat Oct 15
Environmental Stewardship
A Green Port on a Great Lake

- 88-acre man-made peninsula, formerly known as Dike 14
- Created over time as sediment dredged from the Cuyahoga River and Cleveland Harbor was placed within dike walls from 1979-1999
Important Birding Area
Focus on Maximizing Community Benefit

Over the years, this area has become naturalized with diverse habitats including forest, grasslands, meadows, and wetlands. It is now home to a diverse array of birds, including 23 of Ohio’s 29 Endangered Species, and butterflies and mammals. This significant site provides a unique opportunity for public access to Lake Erie and is a natural oasis right in the heart of Cleveland. Cleveland’s Dike 14 has earned the title Cleveland Lakefront Nature Preserve.
Environmental Stewardship
A Green Port on a Great Lake
Promoting environmental initiatives and public access to the lakefront

- Opened to the public daylight hours for passive recreation in February 2012
- Previously sediment disposal site that nature transformed into 88-acre wildlife haven
- To Date More than 73,000 visits from 41 states and 15 countries
- Opportunity for eco-tourism
- 1.2 miles of shoreline & 2.5 miles of trails
- AAPA 2012 Environmental Improvement Award
5 Acre Remediation

US EPA Brownfield Grant
Partnerships
  County
  Ohio EPA
Soil and Water Conservation District
Capped site with 40,000 cubic yards
Butterflies
Overlook
In river unit being installed April 1.
July 2015 1400 CYs
Bed load harvest is Sustainable

Bed load interception is significantly less costly than dredging and placement in CDFs

Dredging @ ~ $7.00 cost per cubic yard
CDF placement @ ~ $11.50 cost per cubic yard

ttl $18.50 per cubic yard

VS Bed load harvested for use is projected @ $2.00 Net Income per cubic yard

Pumping, dewatering, maintenance, stacking, loading, admin. Out of the river and on the truck to the market- **self funding.**

Saves USACE $650,000 per year in dredging costs

Port received $1.2 Million in State Capital Funds for full scale, multi-year pilot project
Environmental Stewardship
A Green Port on a Great Lake

We’re dedicated to improving the quality of life in our region by safeguarding two of our great natural assets: Cuyahoga River and Cleveland’s Lake Erie shoreline

- Keeping the river and lakefront open for navigation free of floating debris
- 88-acre Port of Cleveland Lakefront Nature Preserve
- Maritime transportation offers a lower carbon footprint, greater fuel efficiency, and reduces roadway congestion and its resulting pollution
We’re partners in community development - creating public spaces, protecting our waterways, and helping to reinvigorate our region.