

AAPA HN&E Seminar and GreenPort Americas
May 4 – 6, 2010
Port Sustainability: Where are we and where are we going?

HN&E DAY 1

Opening Remarks:

- Kurt Nagle, AAPA President
- South Carolina State Ports Authority rep.
- Deborah Hadden, HN&E Committee Chairperson

Environmental Sustainability

- North American Best Practices White Paper
- U.S. Port Best Practices and Technologies Inventory
- State of practice in Non-US ports re: Port Sustainability
- Green Port Certification Program

Financial Sustainability

- Can Ports be Green in a Recession?
- Seattle's Asset Management Sustainability Policy
- Port Asset Management
- Other potential speakers

Social Responsibility

- Role of Ports in Addressing Environmental Justice Issues Related to Goods Movement
- POLA/LB Community Trust
- Oakland Community Engagement Program
- Making EFFORTS to be Good Neighbors

Sustainable Planning and Design

- Sustainable Design Standards and Guidelines for Ports (D. Hadden, Massport)
- Helsinki Sustainable Terminal Design
- Sustainable Dredging/SedNet
- Sustainable Planning and Design for Ports

Measuring Performance, Delivering Results: The Balanced Scorecard Approach to Port Sustainability *(Aston Hinds, Moderator)*

- Norton and Kaplan

- Malcolm Baldrige System
- Jim Coffey, Paladium group (case study re: how to do it)
- Someone who has implemented balanced scorecard approach (Charlotte NC won Baldrige award)

HN&E DAY 2

Keynote Address: Environmental Goals for US Port Authorities and the Goods Movement Chain

Obama's Administration and the Future of Goods Movement

- How a Federal Cap and Trade Program will Influence the Freight Transportation System
- Recommendations from EPA's National Advisory Council on Environmental Policy and Technology (NACEPT) Subcommittee on Promoting Environmental Stewardship
- Are Recent/Pending Vessel Discharge and Emission Reduction Regulations Sustainable?
- SOLIS/Law of the Sea
- Sustainable Freight Movement

Initiatives to Reduce Criteria and Greenhouse Gas Emissions

- AAPA and IAPH Report on Climate Change Initiatives (Austin Becker, Stanford)
- Port Clean Air Program
- IMO Annex VI
- WPCI

Climate Change Impacts – Preparing for the Future

- Sea Level Rise Predictions for US
- POLA/LB Sea Level Rise Study
- What Are Ports Doing to Plan/Adapt?
 - o Port of Tacoma
 - o Hamburg example (re: tidal changes)
 - o Nigeria and Rotterdam Master Plans

Regional Initiatives to Reduce Criteria Pollutant and Carbon Emissions

- DRPA, PRPA and South Jersey Port Corporation Greenhouse Reduction Plan
- Northwest Ports Clean Air Strategy
- LA/LB/San Pedro Bay CAAP
- Baltic Sea

Port Sustainability Tools

- IAPH Clean Air Tool Box
- EcoPorts Tool Box
- EPA Compliance Tool Box
- Goods Movement Carbon Calculator

Goods Movement Electrification and Technologies

- Onshore Power Supply Project/Guidance
- Zero Emission Cargo Mover Project (POLA/LB)
- Hybrid Yard Equipment Pilot Projects
- Evaluation of Available and Emerging Technologies for Container Handling Equipment

Other: presentation from host port (Charleston) showcasing local environmental projects [in Day 1 welcome? Presentation over lunch? Evening event end of Day 1?]

GREEN PORTS DAY

Opening Remarks

Greening Ports Through Carbon Management

- The Why and How of Carbon Neutrality for Ports (Carbon Neutral Company)
- The Belfast example
- Port Metro Vancouver Example
- CO₂ Indexing Scheme for Ships

Greening the Global Logistics Chain

- Options for Reducing Ship Emissions
- The Shipping Line Perspective
- Alternative and Renewable Energy Opportunities
- Reducing Energy Consumption
- Baltic Sea Marine Environmental Commission Report

International Initiatives to Promote Port Sustainability

- C40 initiative
- EU case studies
- Latin American case study (incl. Panama Canal?) (Armando Duarte)
- Caribbean example
- Providing Solutions to International and Global Case Studies (Jay Jahangiri, TRE)

Marine Spatial Planning

- What is Marine Spatial Planning?
- Efforts and Status in EU

- Efforts and Status in US
- Massachusetts Ocean Management Plan

Closing Remarks: The Road from Copenhagen – where do we go from here?