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**
- 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 Baldridge System
- Jim Coffey, Paladium group (case study re: how to do it)
- Someone who has implemented balanced scorecard approach (Charlotte NC won Baldridge 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?
  - Port of Tacoma
  - Hamburg example (re: tidal changes)
  - 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?