

DRPA, SJPC & PRPA
Green Ports Initiative
June 29, 2009
Regional Green Initiatives
DVRPC Meeting



Presented by:
Bob Gross, Deputy CEO
Delaware River Port Authority

Green Ports Initiative: Who



DRPA is facilitating the development of a Green Ports Initiative for the Ports of Philadelphia and Camden including port operations and transportation facilities owned and operated by DRPA/PATCO, South Jersey Port Corporation & Philadelphia Regional Port Authority.

Green Ports Initiative: What

- Responsible, sustainable improvements including Administrative, Operations & Maintenance facilities owned & operated by the DRPA, SJPC and PRPA to lessen environmental and community impacts.



It's in
our hands.



Green Ports Initiative: Project Area

- Along the Delaware River between the Betsy Ross Bridge in Pennsauken & the Port of Salem in NJ & in PA from the Betsy Ross Bridge in Philadelphia to the Commodore Barry Bridge in Chester & along the PATCO High-Speed line from Lindenwold, NJ to Center City, PA

Green Ports Initiative: Expertise

- Weston Solutions, a highly respected engineering firm from West Chester, PA will assess options, develop a comprehensive report to develop strategies to address environmental impacts & identify potential greening initiatives.
- Will perform cost benefit analysis, public/private source of funds identification & develop public outreach strategies.
- Will provide recommendations for future projects and expenditures.



Green Ports Initiative: Overall Goals

- Reduce environmental impacts
- Reduce energy consumption
- Explore clean renewable energy sources
- Provide sustainability & outreach to surrounding communities
- Craft innovative and comprehensive recommendations that consider the regulatory environment at the local, state & federal levels



Green Ports Initiative: Scope



- Set agency's emission reduction targets
- Propose ways to decrease impacts on local environment & surrounding communities of port operations
- Provide plan for use of clean alternative & renewable energy sources (wind, photovoltaic, chilled water storage, waste to energy)
- Provide energy efficiency plan for when retrofitting existing facilities or building new
- Promote sustainable building practices using US Green Building Council's Leadership in Energy & Environmental Design (LEED)
- Increase fuel efficiency of all fleet vehicles & transportation systems
- Increase opportunities to reduce solid waste stream & promote recycling
- Increase tree planting to help CO2 absorption



Green Ports Initiative: Scope (con't)

- Identify innovative partnerships with public and private utility entities
- Inform the public, local residents, businesses and public agencies surrounding the port of GPI initiatives
- Identify funding opportunities for grants, incentives & third party investments
- Identify pilot and innovative and emerging technologies for future opportunities
- Identify 'green job' opportunities working with public & private sectors
- Establish a "Green Ribbon Panel" to help with further development & roll-out of the initiative. Include public & private members, port operators & users, leaders in energy & the environment, alternative energy, innovative land use, recycling and science.

Green Ports Initiative: Why



- Stewardship of our assets, resources and well-being and quality of life of our residents
- Interdependence as a global community- the right thing to do
- Port facilities have a significant economic and societal impacts and the DRPA, SJPC and PRPA are making it a priority to improve these positive environmental impacts through the initiative
- *We also want to acknowledge the leadership and work of the DRPA, SJPC and PRPA prior to this initiative to be sensitive to these impacts.*