

# **THE MARIPORT GROUP LTD.**

## **REPRESENTATIVE PROJECTS IN ECONOMIC IMPACT ANALYSIS**

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### **Strategic Development Plan for the Basques Port Authority**

As part of a comprehensive development plan, provided economic analyses of different options. Concentrated on two near term, high benefit/cost opportunities for the Port Authority to introduce immediately.

### **Economic Impact of Cruise Travel in the Great Lakes**

Surveyed passengers on Great Lakes Cruises in 1998 and produced a detailed spending based impact analysis that was port specific. For 2001 produced a comprehensive analysis incorporating ship side spending, as well as passengers. Accounted for offshore leakage in vessel provisioning for foreign flag vessels.

### **Port of Toronto Impact Studies**

Assessed the various types and levels of economic, social and environmental impacts of the Port of Toronto on the City of Toronto, Metropolitan Toronto, the Greater Toronto Area, and the Province of Ontario. The study incorporated a 35-year analysis of traffic along with a detailed analysis of industry, employment, wages, revenues and tax base contributions. The analysis centered on four possible port development scenarios and their impacts on the city and region. A study nearly 10 years later a comprehensive review of the societal cost of removing commercial port activities. This analysis also included a comprehensive assessment of environmental and social economics.

### **Bellingham Cruise Terminal Impact and Market Study**

The study analyzed the economic impact of the Cruise Terminal on the Bellingham and Whatcom county economy. It focused on the direct and indirect impacts of the terminal itself, isolated from impacts of other developments occurring in the area. These related primarily to passenger and related traffic of the Alaska Marine Highway System. The results enabled a development plan to be established for the port, and gauged the impact of various short to long term opportunities.

### **Turks and Caicos Islands**

For a Ports Master Plan, incorporated an analysis of the economic impact of investing in various port facilities and simple, efficient marine transport operations throughout the country. The resulting impacts on cargo damage and food spoilage, along with reductions in air and ocean freight costs were investigated, and current and future impacts were assessed relative to the GNP. The results were incorporated into a master development plan for the country's port system. Mariport has subsequently analyzed the economic impact of other port and dredging projects in the island group.

### **Detroit Intermodal Terminal**

Evaluated the economic impact of investment in an intermodal terminal facility in Detroit. The impact on the local and state labour force, purchases, and the city's tax base was assessed to determine the most effective development scenario. Included were a financial analysis of terminal operations, assuming various funding arrangements, and future impact of the terminal on the labour force and tax base.

### **Beauport Flats Development Study**

Assessed the impact of potential transshipment opportunities at the Beauport Flats, under various development scenarios, and resulting traffic levels. Included were an assessment of potential cargo throughput, and the economic impact of subsequent terminal developments on the local economy and employment levels.

### **Rankin Inlet Marine Resupply Terminal**

Assessed the economic benefit of various approaches to tank farm and pipeline investment, as well as marine investment to assist GNWT in determining the best development strategy.

**River Navigation Study – Bangladesh**

Assessed the economic impact of dredging a river system in Bangladesh, and the incremental benefit of redesigning local vessels for shallow draft operation.

**High Speed Ferry Economic Impact**

For a proposed high speed ferry service between West Coast Florida and Key West, prepared an analysis for the economic impact of the service on Key West and Fort Myers.

**Wikwemikong to Killarney Ferry**

For a proposed conventional ferry between Wikwemikong and Killarney evaluated community benefits as a result of introducing the ferry.

**Economic Evaluation of Port Sites**

For Tropical Shipping, evaluated several port sites in Great Exuma. The evaluation helped identify the port site that was best able to overcome the deficiencies of the current location in Georgetown.

**Development of a Stripping & Warehousing Facility for Iqaluit**

Prepared a financial and economic evaluation of a container stripping and warehousing facility to enable small business and individuals to benefit from containerized shipping.

**Polar Code Cost/Benefit Analysis**

Utilized Mariport's risk analysis of Canadian Arctic operations to evaluate the costs and benefits of various regulatory concepts in the Polar Code. Demonstrated positive values for some, negative for others.

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**MARIPORT EXPERTISE IN ECONOMIC IMPACT ANALYSIS**

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The Mariport Group has extensive and unique experience in all aspects of economic impact analysis embodying a practical knowledge of shipping, transportation, and port operations for providing effective port impact analysis. We can provide an independent service tailored to the client's requirements and the specifics of the region.

Economic impact analyses may be port related, and here Mariport can evaluate the position of a port relative to the economic, transportation or environmental impact on its hinterland. Such evaluations can be undertaken at various levels of port activity to demonstrate the overall benefit of the port to the region.

Ferry impacts investigate the potential for new business opportunities in the terminal communities and also evaluate how the community can enhance the benefit. Cruise impacts looks at spending by cruise ships and passenger purchases in the communities that are visited.

Impact analyses include a social and environmental component that covers such aspects as: changes in incident levels by a switch to/from marine, noise, emissions, greenhouse gases, road wear and tear, congestion etc. Mariport has developed an extensive resource in such factors, to enable comprehensive comparative evaluations to be undertaken.

A cost/benefit evaluation may demonstrate either positive or negative values.