



# ***GREAT LAKES ST. LAWRENCE SEAWAY DEVELOPMENT CORPORATION (GLS)***

**Growing the Seaway System in the Climate Era  
A Green Shipping Vision Going Forward**

**American Association of Port Authorities (AAPA)  
July 2023 Environment Committee Meeting**

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Administrator**

# Administrator's Vision: Advance System Growth

- Utilize full Seaway capacity
- Support port-led infrastructure investment
- Diversify cargoes and expand cruising within the System
- Broaden Seaway services through infrastructure renewal
- Promote sustainability and green shipping within the Great Lakes supply chain



# What is the GLS?

- A wholly owned Government Corporation
- An Operating Administration of the U.S. Department of Transportation  
(Washington, D.C.)
- Operates and maintains the U.S. portion of the St. Lawrence Seaway between Montreal and Lake Erie  
(Massena, N.Y.)
  - Maintain and Operate Two U.S. Seaway Locks (Eisenhower and Snell)
  - Vessel Traffic Control
  - Trade Development
- Binational management with the Canadian St. Lawrence Seaway Management Corporation (SLSMC)





# Green Shipping Corridor Network (GSCN)

- U.S. and Canada joint announcement at COP27
- First GSCN Collaborative Forum held on April 4, 2023, in Chicago
- APEC Transport Ministerial held in May 2023, in Detroit
- Sec. Buttigieg at G-7: GSCN is “key to cutting emissions reductions” in June 2023, in Japan
- Working Groups established
  - Performance Management (Meeting Date: Aug. 29, D.C.)
  - Fuel Solutions (Meeting Date: Sept. 7, Montreal)
- Second Collaborative Forum to be held (TBD)
- Ongoing collaboration with Blue Sky Maritime Coalition, Green Marine, maritime industry, ports, and more



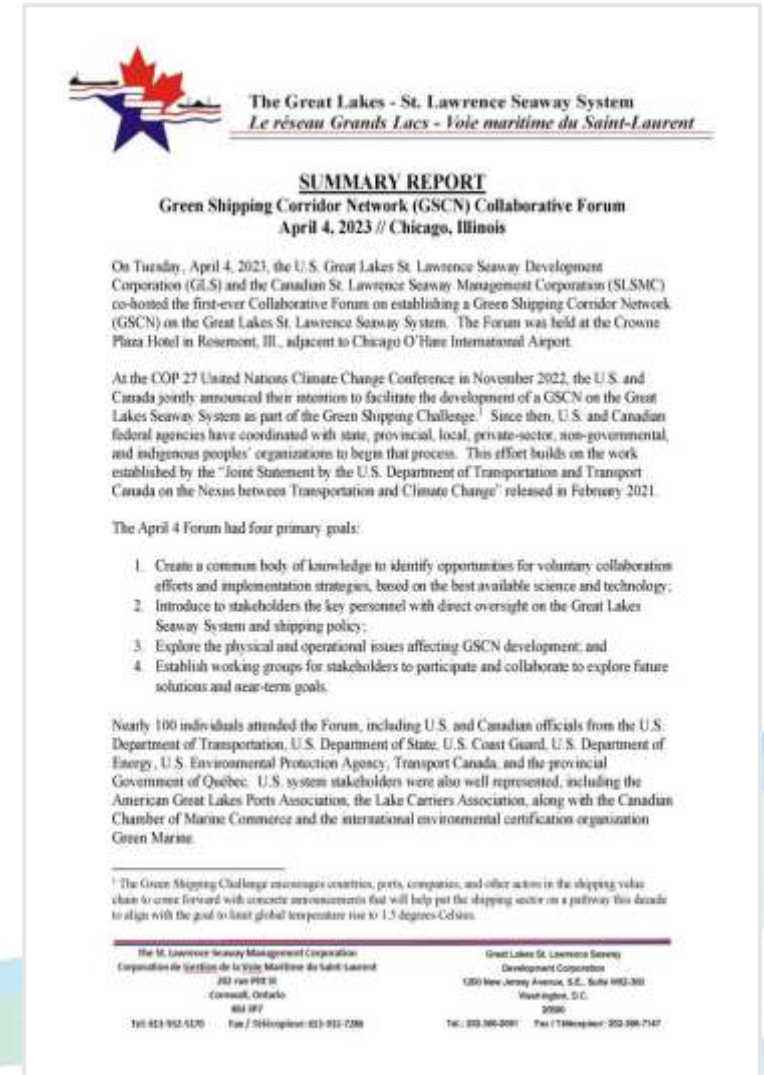
# 1<sup>st</sup> GSCN Report Issued, Publicly Available

## Goals:

- Create a common body of knowledge
- Introduce stakeholders to Green Shipping, decarbonization
- Explore physical and operational issues
- Establish working groups for solutions and near-term goals

## Key findings:

- Need to examine supply chain fluidity and data tracking baseline, including fleet management, cargo flow, and greenhouse gas emissions
- Need to examine multiple fuel solution and decarbonization avenues, including transition and long-term alternatives



# An Emerging Roadmap for the GSCN

- **Define the GSCN Performance Baseline**
  - Greenhouse gas emissions, fuel consumption, energy efficiency
  - Ballast water management, waste management
  - Renewable energy, economic productivity
- **Define the GSCN Stakeholder Network**
  - Vessel owners, shippers, ports, government, non-profit, etc.
- **Define GSCN Results**
  - Transition vessels, improve energy efficiency
  - Increase GSCN freight
  - Establish hydrogen hubs, integrate renewal energies
  - Define policies, regulations, and incentives
  - Community outreach





# Questions and Follow Up

Visit the Seaway  
online for more  
information!

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