

THE RESILIENCE CHALLENGE FOR TRANSPORT AND LOGISTICS: REFLECTING ON THE LESSONS LEARNED

1



A 21st century transportation system employing leading edge technology

Presented by:
Jean Aubry-Morin
Vice President

*CILTNA Spring Outlook
June 2, 2022*

Chartered Institute of Logistics
and Transport in North America



The St. Lawrence
Seaway Management
Corporation

Corporation de Gestion
de la Voie Maritime
du Saint-Laurent

MARINE HIGHWAY @ HEARTLAND OF NORTH AMERICA



200MT of Movements
50 Ports Serving
30% North American
158 Millions People



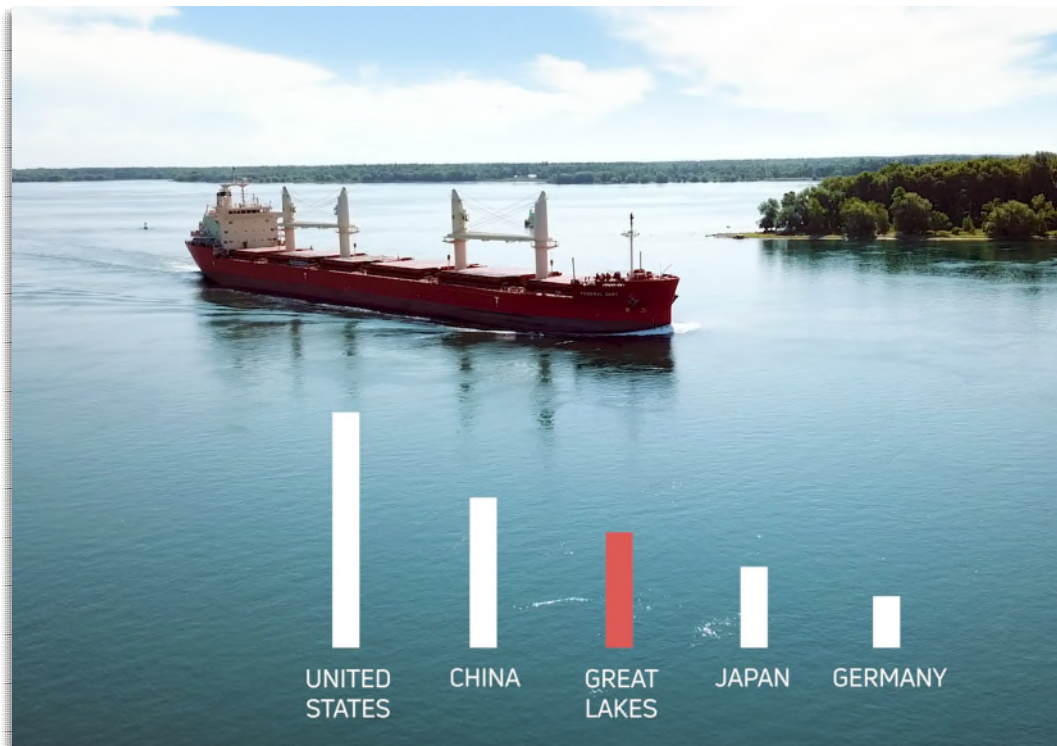
The St. Lawrence
Seaway Management
Corporation

Corporation de Gestion
de la Voie Maritime
du Saint-Laurent

3RD LARGEST WORLD ECONOMY

6 TRILLION\$ OF ECONOMIC ACTIVITIES

3



The St. Lawrence
Seaway Management
Corporation

Corporation de Gestion
de la Voie Maritime
du Saint-Laurent

ECONOMIC POWER HOUSE

VITAL SUPPLY CHAIN

BINATIONAL PARTNERSHIP

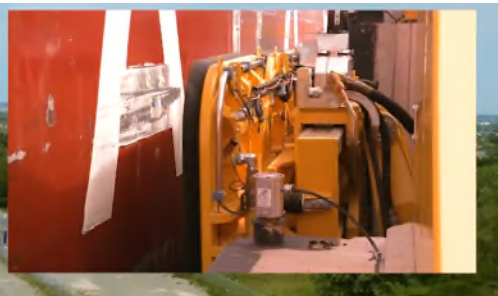
4



The St. Lawrence
Seaway Management
Corporation

Corporation de Gestion
de la Voie Maritime
du Saint-Laurent





PROGRESSIVE ENVIRONMENTAL SHIFT GLOBAL WARMING = GREATER VARIABILITY: PREDICTABILITY AND ADAPTABILITY



© ECCC, C. Roy, 2022



The St. Lawrence
Seaway Management
Corporation

Corporation de Gestion
de la Voie Maritime
du Saint-Laurent

THE CLIMATE CHANGE CENTURY OCCURRENCE FLOODING: 2017, 2019 SET NEW MARKS

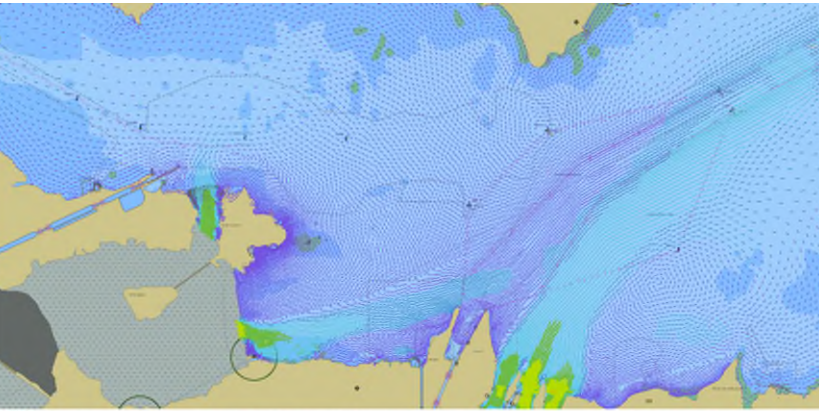
7



The St. Lawrence
Seaway Management
Corporation

Corporation de Gestion
de la Voie Maritime
du Saint-Laurent

SOCIO-ENVIRONMENTAL / ECONOMIC CONVERGING NEEDS DRIVING RESPONSE: HUMAN FACTOR + TECHNOLOGY



The St. Lawrence
Seaway Management
Corporation

Corporation de Gestion
de la Voie Maritime
du Saint-Laurent

PANDEMIC ADAPTABILITY NETWORK

EASTERN GREAT LAKES UNIFIED COMMAND CENTER: US-CAD INTEROPERABILITY GOVERNANCE



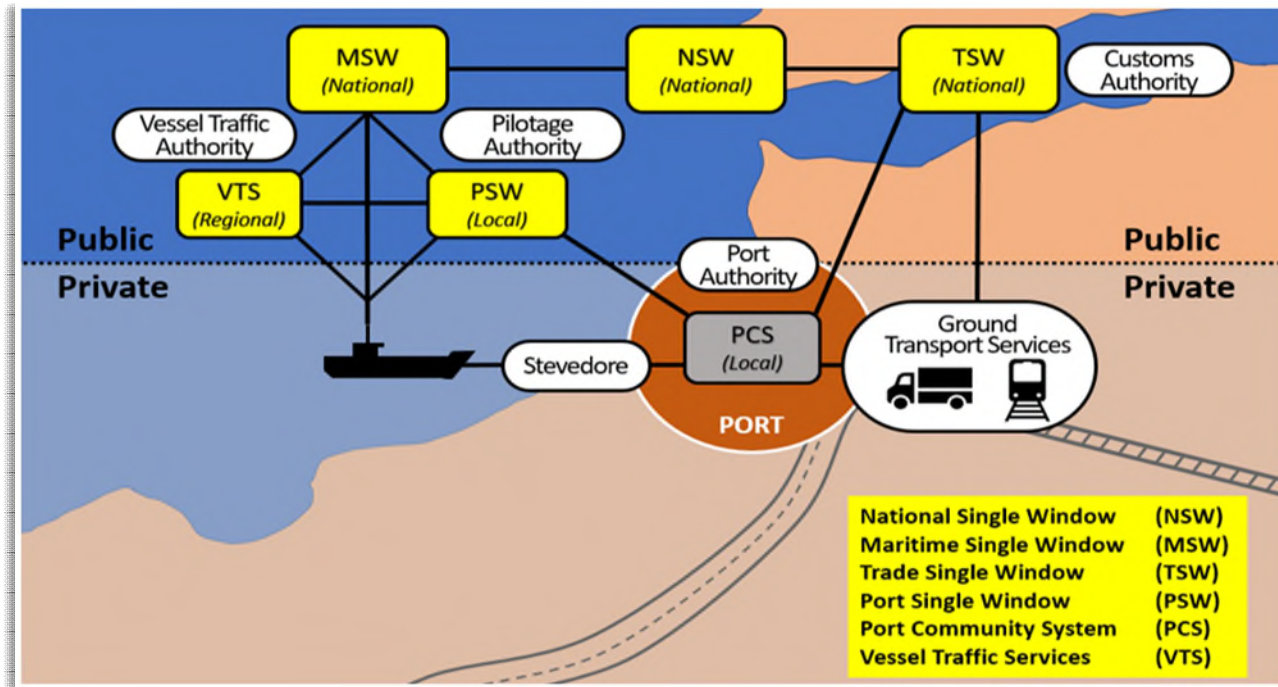
The St. Lawrence
Seaway Management
Corporation

Corporation de Gestion
de la Voie Maritime
du Saint-Laurent

INTEGRATED GOVERNANCE

EXECUTIVE INTEROPERABILITY

10



QUESTIONS ?

11



ST. LAWRENCE SEAWAY
VOIE MARITIME DU SAINT-LAURENT



A VITAL WATERWAY

SAFETY • RELIABILITY • EFFICIENCY

