

Voyage Information System

Sharing information to create opportunities never thought possible



**The St. Lawrence
Seaway Management
Corporation**

**Corporation de Gestion
de la Voie Maritime
du Saint-Laurent**





Leading the VIS Initiative Why are the SLSMC and GLS ideal candidates to be stewards of the data and VIS?



- We are a neutral player
- Have a history of innovation
- Represent global interest of the industry.



Together, VIS partners can:

- address current pain points and inefficiencies in data exchange
- improve planning and execution of vessel transits
- Enhance the scheduling of key resources

How?

- Enhanced data collection
- Access to information and reporting
- Predictive A.I. modelling and trending



**STAKEHOLDER
DATA**

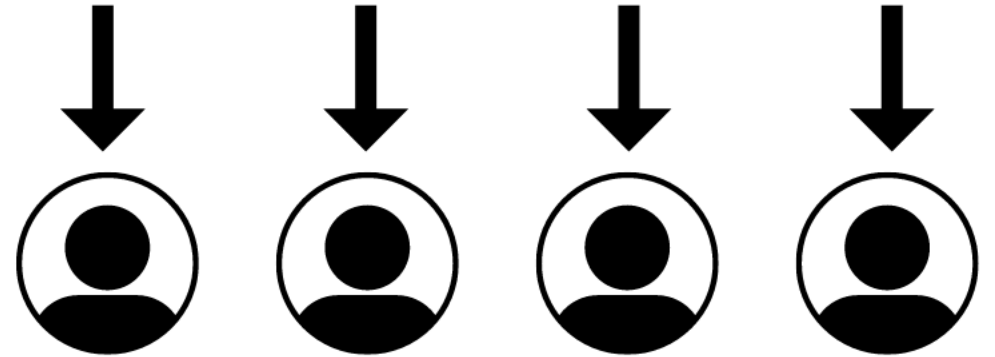


VIS



**FILTERED
OUTPUT**

Ports
Carriers / Agents
Pilotage
Coast Guards
others



What stakeholders can expect from VIS

A few examples:



Carriers / Agents

Improved:

- planning and scheduling
 - dock departure
 - dock arrival
 - crew change / rest
- fuel management
- info on delays, order of turns, lock schedule, maintenance activities
- info on transits through the locks and bridges, canals

Pilotage

Improved:

- visibility on vessel demand for various pilot sectors
- ability to plan
 - workforce requirements
 - schedules
 - pilot allocation
 - dispatch, etc.
- ability to anticipate pilot requirements and impacts

Coast Guards

Improved:

- visibility of marine traffic through the Great Lakes and St. Lawrence River system
- access to ship transit info
- accuracy and timeliness of info throughout system
- Automated flow of information, reduced duplication

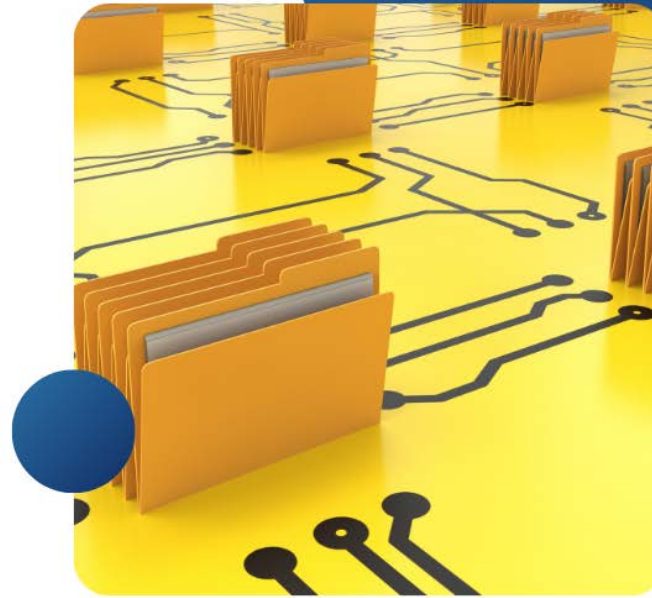
Ports

Improved:

- vessel arrival forecast
- planning of wharves
- Resource planning
- Management of dock activities
- anchorage planning

Stakeholder data to power VIS

A few examples:



Carriers / Agents

- voyage plans
- interim destinations
- _____
- _____
- _____

Pilotage

- Pilot availability
- Pilot status
- _____
- _____
- _____

Coast Guards

- voyage information in respective sectors
- delays in sectors
- _____
- _____
- _____

Ports

- dock availability
- dock turnaround times
- _____
- _____
- _____

The background of the slide is a light blue color with a pattern of thin, dark blue lines that resemble a circuit board or a network diagram. These lines are interconnected and form various geometric shapes, creating a sense of digital connectivity.

Sharing information to
create opportunities never
thought possible

Thank you