



PORT of
vancouver

ICSER Update
Phase I Results and Phase II Next Steps



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Proposal



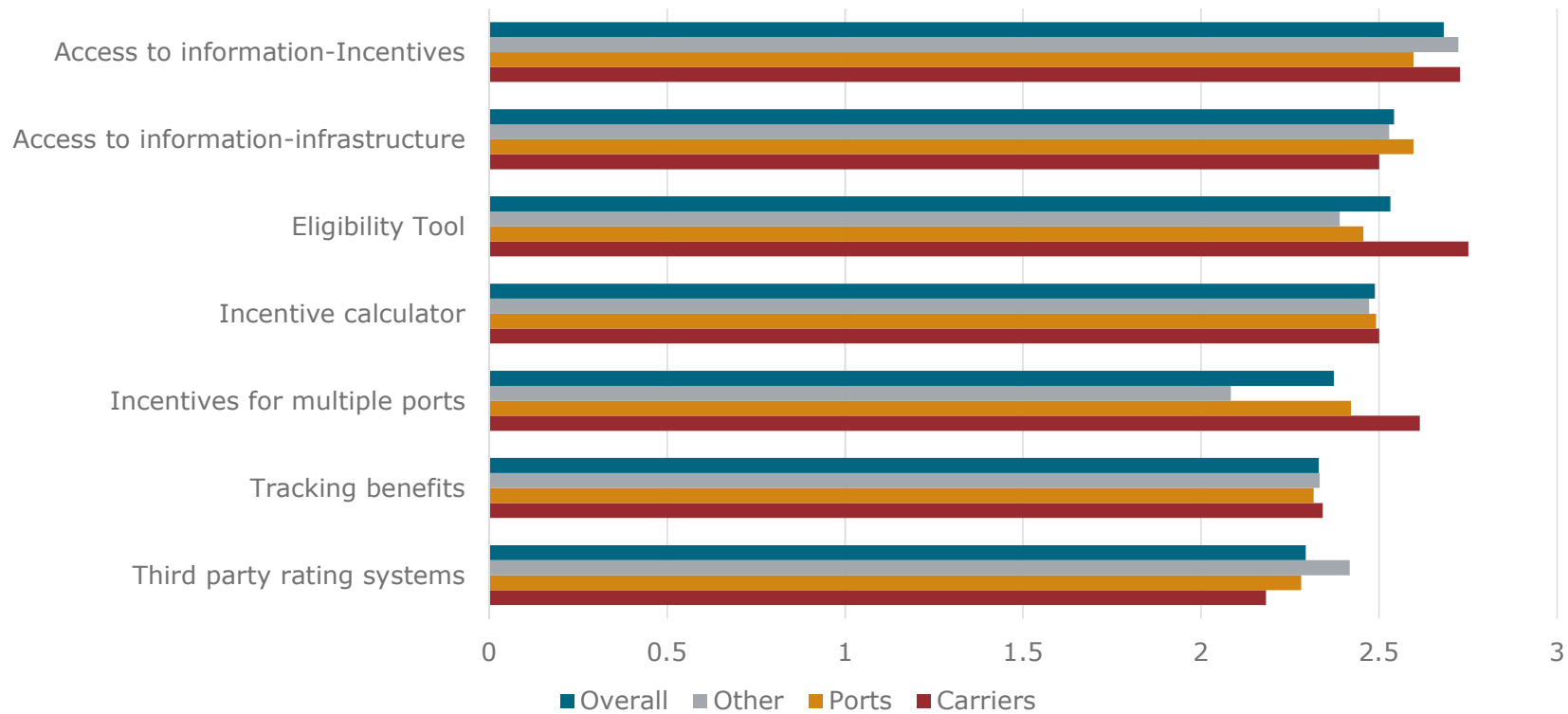
LEGEND

-  PORTS WITH INCENTIVE PROGRAMS
-  MARINE CARRIERS

Phase I Process Summary

- 137 surveys from marine, ports, other stakeholders (Feb 20-Apr 10)
- www.porttalk.ca/ship-incentive-collaboration
- Development of user stories
- 2 focus group discussions (June)
- Refinement of user stories
- Development of software requirements and minimum viable product
- Stakeholder webinars with real-time questions (July)
- Feedback period (July 29-Aug 21)
- Final report from ERG/EERA (November)

All Stakeholders-Usefulness by Function



Scale of 0-3 where 3=very useful, 2=moderately useful, 1=rarely useful and 0=not sure

User Stories

- As a [user role], I want [feature], order to [goal]
- User stories identified for each stakeholder group, for each of five modules of web portal:
 - Information portal
 - Eligibility assessment tool
 - Cumulative incentive calculator & routing tool
 - Application portal
 - Historical participation and benefits tracking tool

Examples:















































- As a customer, I want to be able to access and filter information on incentives and environmental infrastructure at multiple ports to understand my eligibility across trade routes.
- As a port, I want to be able to tell what vessels may qualify for what cumulative discounts to help inform business case development, marketing approaches and other proposals, etc.
- As an other stakeholder, I want to do a payback calculation so that I can better understand the payback time of our fuel efficiency improvement products.

System Requirements by Module

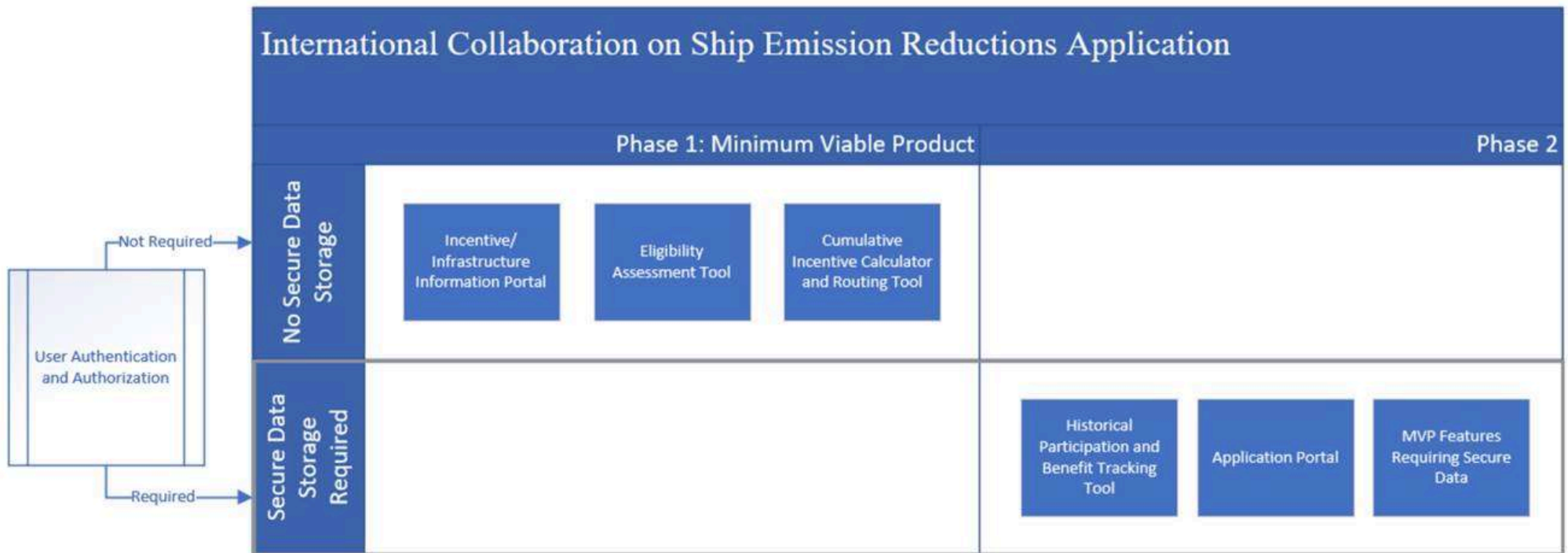
- Required for entire module
- Required for subset of user stories

System Requirement	Information Portal	Eligibility Assessment Tool	Cumulative Calculator Tool	Application Portal	Historical Tracking Tool
Search and Filter	●	●	●	-	-
Data Display	●	●	●	-	●
Multi-Lingual Support	○	○	○	○	○
User Authentication & Authorization	○	○	○	●	●
Email Notifications/Listserv	○	○	○	○	○
Upload & storage of program details (ports)	●	●	●	-	-
Secure upload & storage of vessel data (carriers)	○	○	○	●	●
Secure upload & storage of historical call data (carriers & ports)	-	-	-	-	●
Access to 3rd-party Data	○	○	○	●	-
Data Calculations	-	-	●	-	●

Evaluating System Requirements

Functional Requirements	Cost	User Data Requirements	System Capacity Needs	Maintainability	Security	Data Integrity Procedures
Search and Filter	\$	-				-
Data Display	\$	-				-
Multi-Lingual Support	\$\$	-				-
User Authentication & Authorization	\$\$\$		 		 	-
Email Notifications/ListView	\$					-
Upload & storage of program details (ports)	\$	 				✓
Secure upload & storage of vessel data (carriers)	\$\$\$	  	 	 	  	✓✓✓
Secure upload & storage of historical call data (carriers & ports)	\$\$\$	  	 	 	  	✓✓✓
Access to 3rd-party Data	\$\$	-	 	 	 	✓✓
Data Calculations	\$\$	-				-

Minimum Viable Product (MVP)



Webinar Question Results

Question	Response
Should MVP include secure data or wait for Phase II?	72% said wait until Phase II
Would the MVP be a useful resource (as presented in the wire frames)?	76 % said yes

- Key take-aways:
 - Support for proposed:
 - Usefulness of MVP as presented
 - Phased approach with respect to secure data features
 - More work needed to clarify specific look and functionalities of modules
 - Expected as part of Phase II
 - More analysis needed by stakeholder group to ensure modules meeting needs
 - Expected as part of Phase II

Phase II:

- **Business case development**
 - Further engagement with stakeholders to refine functionality of portal modules
 - Operational model
 - Who will run the portal and how?
 - Funding model
 - How will the portal's operation be funded?
 - Other key components to be determined
- After fully funding Phase I, VFPA is looking for stakeholders interested in partnering to fund Phase II in 2020.



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Thank you

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