

## **NSCC Shelburne**

### **CUBE Space for Innovation – Marine Center of Innovation**

#### **Presentation to Municipality of Shelburne Council January 25, 2021**

NSCC Shelburne has been working with the Municipality of Shelburne and other stakeholders over the last number of years to develop a focus on Marine Innovation. Early in the project it was felt that this did not have to be a bricks and mortar site but one that could build on work currently being done and developed. NSCC has been funded to develop maker space sites at each of its Southwest Nova Scotia sites. The theme for the Shelburne site is Marine innovation. The space will support several projects, training programs and opportunities for research. Currently the Aquaculture project – Developing Best practice project is in the first phase. This project brings training and research. Having the focus on Marine Innovation allows the area to capitalize on the Ocean Economy and further projects that will be available. The campus already hosts the only diploma program for Fisheries and Aquaculture and a new certificate program in Aquaculture. It is important to note that the CUBE is for our community and students. Partnerships with COVE and Ignite are in place as well.

Our space is being designed to not only support our current students and programs but to provide opportunities for industry to explore business Ideas, test out prototypes, work on challenges and increase safety awareness and practice.

One initiative of the project is to secure the development and implementation of Fisheries Navigation Simulation Project as it aims to facilitate access to and awareness of operating fishing vessels, aquaculture, new ideas, research and new entrants to employment.

The goals of the Fisheries Navigation Simulation Project are to:

- Increase fishing vessel operations and navigation simulation accessibility and flexibility to suit unique learner needs.
- Increase public awareness and promotion of fishing career opportunities to women and Indigenous people.
- Create a safe learning environment, and equitable and inclusive work culture
- Enhance infrastructure and technology for the fishery and aquaculture sectors

#### **Our Goal is to be the leader in Marine Innovation for the Fishery Sector**

This positions the area to be a focal point of Marine Innovation and attract those looking to develop ideas and do research. The Fishery simulator will advance capacity. In addition to the simulator virtual reality equipment will be added that will allow exploration and development of the fishery and aquaculture sector. Our Goal is to be the leader in Marine Innovation.