



Nova Scotia Aquaculture Research and Development Funding Program

January 26, 2018

Nova Scotia Sea Farmers Conference

Research and Development Program 2017-2018

- Nova Scotia Aquaculture Research and Development Funding Program (NSARDFP)
 - Initiated in 2016-2017
 - Funded 26 projects industry led projects. ≈ \$1,500,000
 - 2017-2018 – Final reviews being completed
 - Have two more years of funding 2018-2019, 2019-2020
- Self Directed Research and Development
 - Projects identified to address regulatory or scientific issues
 - » Ex. Extreme Weather Project, Advanced Planning Initiative

Research and Development Program 2017-2018

- Application submission deadline was September 30, 2017.
- 28 projects submitted.
- Review process for applications is being finalized.
- Project must align with the three funding streams:
 - Aquaculture and Resource Interactions
 - Advanced Planning for Aquaculture Development
 - Industry Growth and Innovations



Research and Development Program 2017-2018

Priority Species

- Salmon
- Oysters
- Trout



Species Constraints

- **Atlantic salmon**
 - Community acceptance
 - Business risk management
- **Oysters**
 - Seed Production & Redundancy
 - Health Management
- **Rainbow trout**
 - Egg sources (more than one)
 - Suitable sites
- **Scallops**
 - Tunicates
 - Seed
 - Bay scallop??
- **Seaweeds**
 - Growing seaweed from local seed sources
 - Market study, commercialization road map for seaweed biomass produced in NS (5 yr plan)
- **Striped bass**
 - Broodstock
 - Access to juveniles
- **Blue mussels**
 - Reliability of spat source
 - Ducks

Moving Forward

- Developing species specific working groups
- Province and other government agencies at table
- Various collaborators
 - AANS
 - Academia
 - Third party companies (Ex. Tech)
 - Funding groups
- Detailed Project Design
 - Objective
 - Methods/Timelines
 - Results
 - Deliverables



