

Natural Resources & Oceans

That our wealth is tied to the ocean is only natural.

Halifax's home province of Nova Scotia, like much of Canada, is rich with natural resources based on forestry, agriculture, and energy. But unlike other provinces, Nova Scotia is practically an island, nearly surrounded by the sea. So it's no surprise that the ocean is the geographical feature that most defines our culture, our heritage, and our economy.

But though our geographical seaside location is happenstance, the way we manage and extract wealth from the sea is anything but. In Halifax, government, academia, researchers, and commercial partners are united in a singular effort to grow and support the oceans, ocean tech, and seafood/aquaculture sectors. No wonder we're making waves on the global stage.

Canada's Oceans Supercluster

An industry-led partnership with government, private enterprise, and innovators, our Halifax-based supercluster is inspiring collaborative research and leading to the development and commercialization of solutions to shared ocean challenges.

Centre for Ocean Ventures & Entrepreneurship (COVE)

Halifax's COVE is specifically designed to support applied innovation in the oceans sectors. It features 49 feet of water depth for harbour floor testing, 50,000 square feet of collaborative space, and access to some of the leading minds in oceans thinking.



Did you know: The Bedford Institute of Oceanography, Canada's largest centre for oceans research, boasts 600 scientists, engineers, and technicians.



\$7.1 Billion
Annual GDP Contribution



480
Oceans Ph.D.'s in Halifax



16,600+
Employed in Halifax



Hfx.
The East Coast's
Ocean Sector Heartland



Discover Halifax Contact:

Jeff Turner
Sales Director – International
Natural Resources & Oceans
1.902.423.1752 (Atlantic Time Zone)
JTurner@discoverhalifaxns.com

Visit our Website:
www.SmartCityHalifax.com

Have a question about a specific Natural Resources or Oceans sub sector? Contact us today.

Oceans

With contributions in ocean tech acoustics, sensors and instruments, fisheries and aquaculture, tourism, boatbuilding, shipbuilding, offshore oil and gas, transportation, marine-centric defence and security, life sciences, renewable energy, and marine science and research, the oceans sector employs nearly 35,000 of our brightest people. With over 300 companies doing business in Nova Scotia in the oceans sector, and over \$500 million in strategic ocean investments, Halifax is ensuring an oceans future that's just as strong.

Ocean technology

Government, businesses, and academic partners in Halifax share a commitment to being at the forefront of what's possible in ocean tech. Today's Halifax (and Halifax-area) companies are creating innovative technologies in underwater acoustics, sensors and instrumentation, communications and navigation, marine geomatics, marine biotechnology, robotics and autonomous vehicles, informatics and artificial intelligence, and naval architecture. Our commitments is paying off. Halifax hosts over 60 innovators of high-tech ocean products and services, and 80% of our ocean tech companies export globally.

Seafood and aquaculture

Whether sustainably caught or farmed, fish and seafood is big business for our province. In 2019, we exported \$2.3 billion in fish and seafood products to over 80 countries, and our seafood industry includes 178 processing companies. We owe our success in seafood to timely and consistent cold chain logistics, and a commitment from governments, industry associations, harvesters, processors, and supply chain service providers to keep us Canada's number one exporter of seafood.



Did you know: We export more than 50 species of fish and seafood including Atlantic Halibut, Atlantic Pollock, Atlantic Salmon, Canadian Lobster, Coldwater Shrimp, Haddock, Mussels, Oysters, Red Fish, Sea Scallop, Sea Urchin, Silver Hake, Snow Crab, Swordfish, and Tuna.

Halifax is the economic center of ocean-related advances:

Clearwater

Since 1976, Clearwater has grown to become one of the world's largest vertically-integrated seafood companies, dedicated to sustainable seafood excellence.

Kraken Robotics

Creators of advanced sonar and laser sensors and subsea power solutions for Unmanned Underwater Vehicles for military and commercial applications.

Nature's Way.

Creators of the NutraSea brand of Omega-3 supplements, made from pure, sustainably sourced fish ingredients.

MetOcean Telematics

Develops and manufactures state-of-the-art data acquisition telematics solutions focused on custom defence and security products.

The only things Haligonians like more than a good Celidh (house party) is a day at the beach, lobster dinner, or sail around the harbour. In other words, life always comes back to the sea. As does so much of our economic power.



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