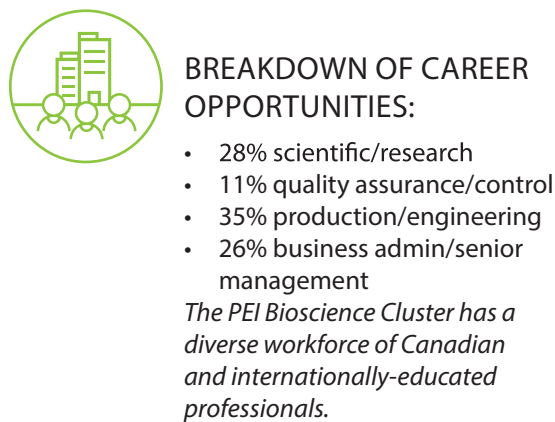


# Prince Edward Island

## Vital elements

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## Overview

**The Prince Edward Island Bioscience Cluster** is the location of choice for companies engaged in the research, development, and commercialization of bioactive-based human, animal, and fish health and nutrition products. **Since 2005, the PEI Bioscience Cluster has more than tripled in size**, with remarkable growth in business revenues and employment, and a marked increase in private and public-sector investments in our companies. The Cluster includes over 50 bioscience companies, seven research institutions, and is home to **Natural Products Canada**, North America's first business accelerator dedicated to the commercialization of products and technologies based on natural product chemistry. Market segments include functional food ingredients, cosmetic ingredients, natural health products, supplements, animal health and nutrition products, fish health, green

replacements for industrial chemicals, and CRO (Contract Research Organization) and CMO (Contract Manufacturing Organization) services.

### Sectors and Subsectors

#### Bio-health

- Biopharmaceuticals
- Nutraceuticals
- Natural-compound bioactives
- Diagnostics

#### Agri-biotech

- Animal health
- Fish and livestock vaccines
- Animal nutritional supplements
- Functional foods

## Why Prince Edward Island

- The PEI Bioscience Cluster is home to Emergence - Canada's Bioscience Business Incubator
- Relevant, accessible, award-winning science and technology
- Collaborative business and research environment
- Customized financial assistance
- Ready access to key decision makers
- Faster to market processes

## Current initiatives and highlights

PEI BioAlliance is home to Emergence Bioscience Business Incubator, a national program supporting start-up and scale-up companies. The virtual incubator serves high-potential companies from across Canada and provides a "soft landing" for innovative international ventures seeking to start-up, establish themselves or expand into, North America.

PEI is home to Natural Products Canada Inc., a \$14 million national Centre of Excellence for the commercialization and research of natural products, to accelerate the commercialization of new products and technologies derived from natural products.

In 2017, the BioAlliance unveiled a new \$1-million suite of fermentation and downstream processing equipment for industry clients.

UK-based Croda International recently acquired PEI marine biotechnology company, Nautilus Biosciences Canada Inc., establishing the Croda Centre of Innovation for Marine Biotechnology at Nautilus' existing base at the University of Prince Edward Island.

BioVectra and Sekisui each had major expansions in 2017 and Somru BioScience built a new manufacturing facility.

Atlantic Canada's Ocean Supercluster is one of five new clusters announced by the Federal Government in February 2018. The BioAlliance is a member of the Ocean's Supercluster team, representing marine biotechnology and fish health and nutrition capabilities in the region.



## Innovation and growth

Through a unique and successful collaborative cluster model, we have established the enabling conditions for business success. Since 2005, the number of bioscience companies has more than tripled with significant growth in business revenue, employment, and investments. Cluster growth targets for 2020 include:

- Doubling of private sector revenues to \$400 million per year
- Bio sector employment exceeding 2000
- Increased R & D expenditures to \$100 million per year
- Increased private sector capital investment
- Increased follow-on capital
- Increased recognition as a leading international centre for bioactives-based health product development

### Growth companies



Named one of the top employers in Atlantic Canada, **BioVectra** is a contract development and manufacturer that serves pharmaceutical and biotech companies. The first established biotech company in Prince Edward Island, they are now the largest with over 300 employees. They have four cGMP facilities and have recently added a new 21,000 sq. ft., \$4-million warehouse that will enhance their ability to grow with the global demand for its products and services.



Named one of the top 100 employers in Canada, **Sekisui** provides in-vitro diagnostic kits and supporting chemicals for hospitals and clinics worldwide. The company recently completed a \$6-million expansion and renovation to their Charlottetown facilities and are one of only a few manufacturers in Atlantic Canada certified in ISO Environmental Management. Sekisui was also recognized in 2018 as one of the top companies in the country for hiring recent graduates.



**Somru BioScience** is dedicated to developing antibody and immune assay solutions for research, diagnostic and therapeutic applications, bringing its clients affordable life-saving biotherapeutics to market sooner. The company recently moved into a new 5,000 sq. foot facility in Prince Edward Island and signed a joint venture agreement worth \$150 million with Bangladeshi pharmaceutical powerhouse, Radiant Pharmaceuticals.

## Looking ahead

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“ Our Cluster continues to exceed expectations in revenue growth, job creation, and investment. We are providing regional leadership as an important centre in Canada’s bioscience innovation ecosystem.”

– Rory Francis, Executive Director, PEI BioAlliance

## About PEI BioAlliance

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The Prince Edward Island BioAlliance is the private sector-led partnership of businesses, research and academic institutions, and government agencies dedicated to building the province’s bioscience sector. Through a unique and successful cluster model, we have established the enabling conditions for business success. Companies have ready access to decision-makers and get to market faster. The BioAlliance is home to *Emergence*, Canada’s bioscience business incubator. This virtual incubator is

entirely dedicated to building successful bioscience-based businesses, and currently, has over 70 bioscience-based members from Canada, US, Europe and Australia. The incubator provides services that include mentorship, product development, IP strategy, market assessment, regulatory strategy, and capital formation. The BioAlliance also serves the Cluster through business development and HR initiatives, providing communications and marketing services, and hosting international conferences.

## Address and contact information

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### Social media

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