



**CANADIAN  
AQUACULTURE**  
INDUSTRY ALLIANCE

ALLIANCE DE L'INDUSTRIE  
**CANADIENNE DE  
L'AQUACULTURE**



Farming Seafood In Canada | How Aquaculture Delivers for Everyone

Canada 



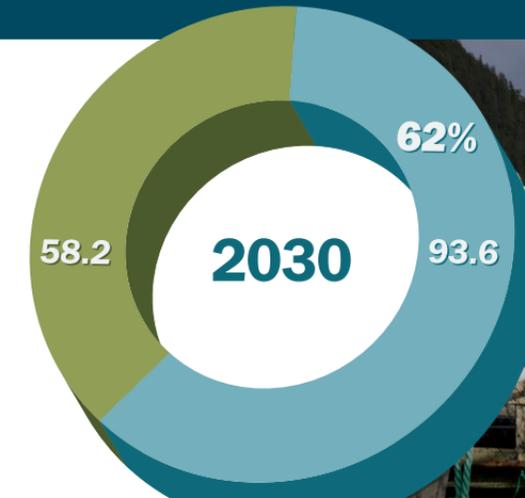
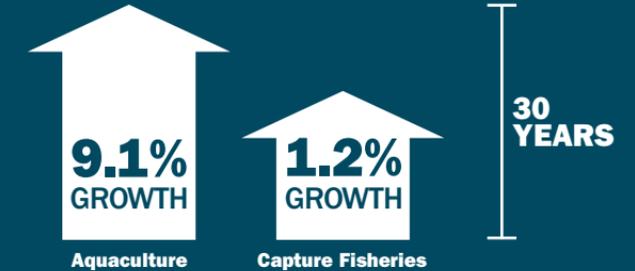
## Aquaculture is...

...the farming of plants or animals in marine or fresh water. It is the aquatic form of agriculture, "fish farming". Similar to agriculture, aquaculture involves intervention in the rearing process to enhance production and some form of ownership of the stock being cultivated.

# The World Needs More Fish

Population growth, rising per capita incomes and urbanization are expected to fuel a growing demand for fish.

Over the past **30 years** global output from aquaculture grew at a rate of **9.1 percent** while output from capture fisheries grew an annual average rate of **1.2 percent**.



(Millions Tons)

Wild Caught

Farm Raised



## It's Good for the Economy

Our seafood is in high demand around the world. Our biggest customers are the USA (85%), followed by Taiwan, China and 20 more countries.



## Exports

Canadian farmed seafood represents *three times* the value of beef in food exports.



## Jobs

Aquaculture employs

**15,000 Full Time Workers**

mostly in rural and coastal communities.

## It's Good for Our Environment



» Fish stocks are facing intense pressure worldwide. Seafood farming reduces pressure on wild fish stocks, helping to sustain and enhance the wild fishery

» Fish farming is the most efficient use of resources to produce a healthy meat protein. Canadian finfish farmers use less than 1.2 kg of feed to produce 1 kg of fish.

« The production of shellfish such as mussels or oysters has a very low carbon footprint because these animals take up carbon in the formation of their shells.

## It's Good for Our Health

Farmed and wild fish offer the same health benefits, so you can feel good about choosing either. Farmed seafood has the additional benefit of being available fresh, year-round.

Farmed fish and shellfish are both natural sources of essential nutrients, including omega-3 fatty acids, vitamins and minerals.

The Canada Food Guide recommends eating at least two servings of fish per week.



# Aquaculture in Canada Today

**We farm more than a dozen types of fish and shellfish.**

Key species: Atlantic and Pacific Salmon, Steelhead Trout, Rainbow & Brook Trout, Arctic Char, Sablefish, Atlantic Cod, Mussels, Oysters, Clams, Scallops, and Tilapia.

Aquaculture generates \$3.1 billion of economic activity in Canada.



Canada sustainably farms approximately 170,000 tonnes of seafood a year.



Source: Fisheries and Oceans Canada

# Aquaculture in Canada Tomorrow

The rise in seafood demand gives countries the opportunity to expand and improve responsible fish and shellfish farming practices.

Canada has opportunities to grow

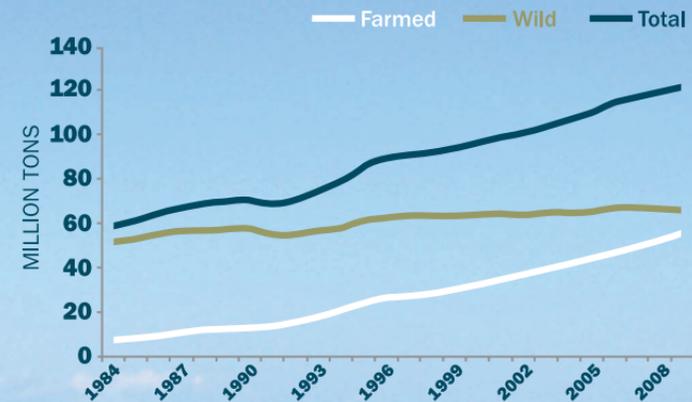
- » Demand is strong
- » Canada is close to one of the largest seafood markets
- » Significant biophysical capacity



# The Blue Revolution

Aquaculture is the fastest-growing food production sector in the world and already provides about half of all the fish we eat.

Evolution of World Food Fish Production 1984 - 2009



Source: Fish to 2030 (2013)



# It's Good For Canada & Canadians Agree

*Eight in ten* Canadians support regulated expansion of our national aquaculture industry.





## About CAIA



The Canadian Aquaculture Industry Alliance (CAIA) is the national association that speaks for Canada's seafood farmers, representing their interests in Ottawa to regulators, policy makers and political leaders. With a membership that reaches coast to coast to coast, comprised of finfish, shellfish and aquatic plant farmers, feed companies and suppliers, as well as provincial aquaculture associations, CAIA is a passionate advocate for the quality and sustainability of farmed seafood.



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