

# Southeast Conference

## Mission Statement

The mission of Southeast Conference is to undertake and support activities that promote strong economies, healthy communities, and a quality environment in Southeast Alaska.

The New Economic Engine  
For Coastal Alaska

By  
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# OceansAlaska

## Economic Development: Coastal Alaska



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## Economic Development: Jobs

- | Oyster farmer



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## Economic Development: Private business

### I Alaska Oyster Farm

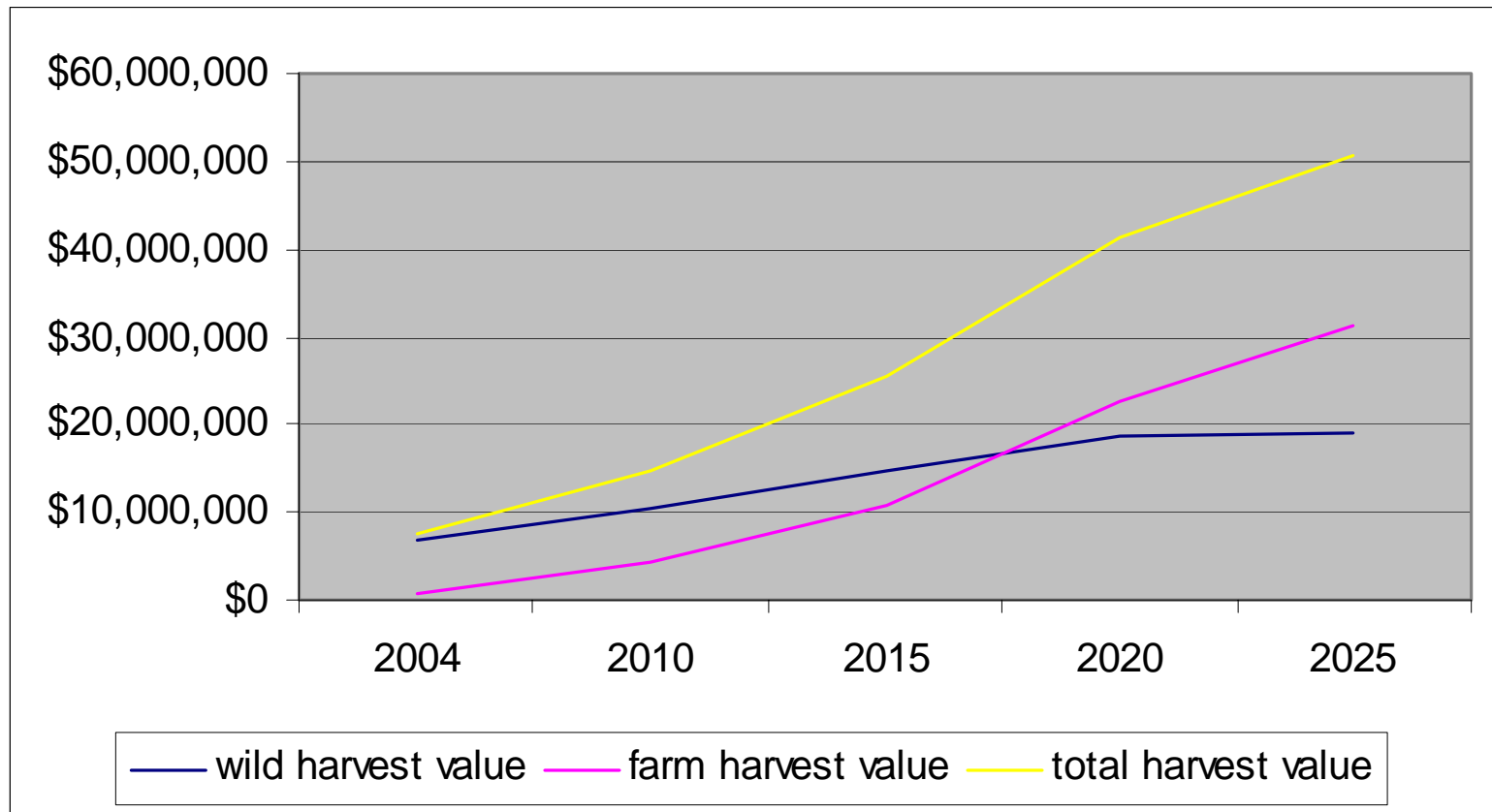


# Mariculture Industry

## Alaska's Potential

- | Conservatively estimate growth from \$7 million to \$50 million
- | Create 400 -600 year around, economically sustainable jobs in Coastal Alaska
- | Establish a world class research and development facility in Southeast Alaska.

# Mariculture Industry Potential for Growth



# Mariculture Industry Species

- | Geoduck
- | Sea cucumbers
- | Clams
- | Mussels
- | Kelp (macrophytes)
- | Oysters
- | Sea urchin
- | Scallops
- | Abalone
- | Algae

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## Economic Development: Mariculture

### I Geoduck



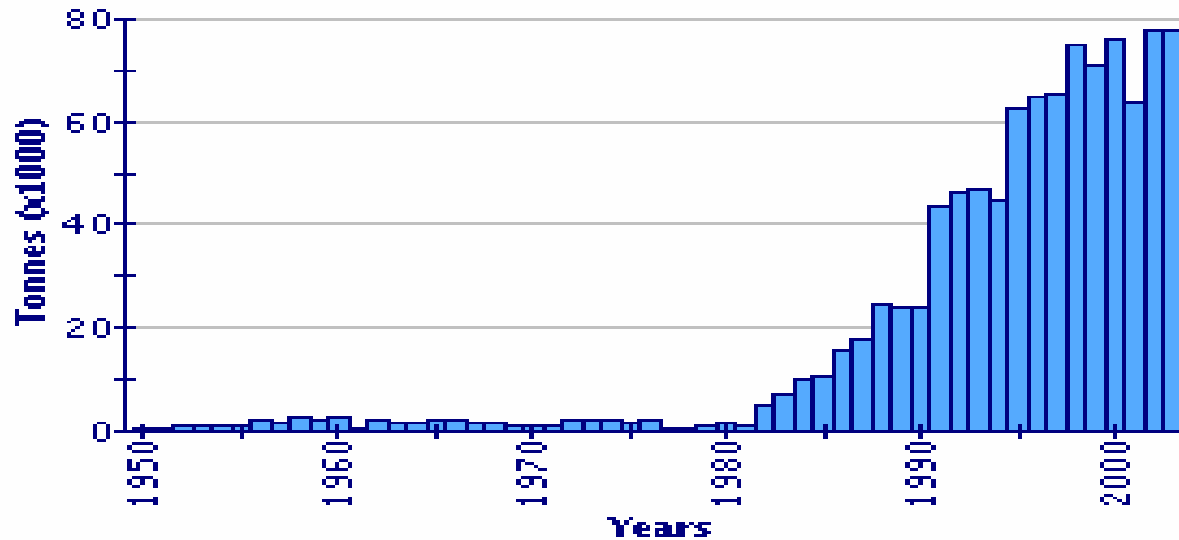
Harvested Geoducks

# Mariculture Industry Growth Potential

	New Zealand	British Columbia	Alaska
Farms	605	42	50
Tonnes	28,000	9,300	480
Value	\$96,000,000	\$23,000,000	\$634,000
Jobs	1,600	700	30
\$ per job	\$61,000	\$33,000	\$21,000

# New Zealand Mussels

## A Success Story



1988 harvest value - \$12M US

2002 harvest value - \$96M US

# Mariculture Industry

## Growth Potential

Conservatively estimate growth from \$7 million to \$50 million in 20 years

### | Farm shellfish

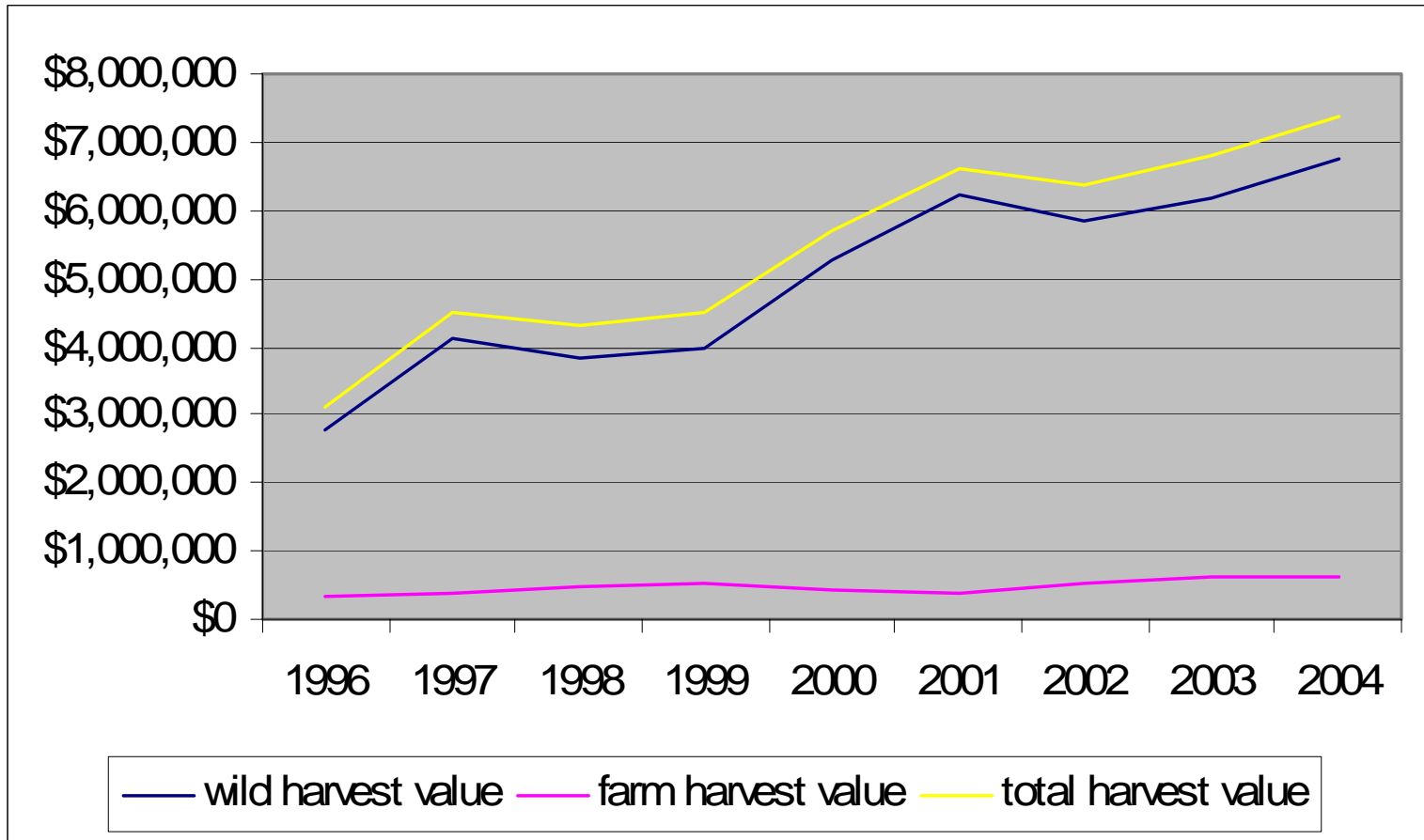
Annual ex- farm value:	\$20,000,000
Annual jobs: (est)	400 FTE

### | Wild Harvest

Annual ex – vessel:	\$15,000,000
Annual jobs: (est)	200 FTE

# Current state of the industry

## 1996 - 2004 production data



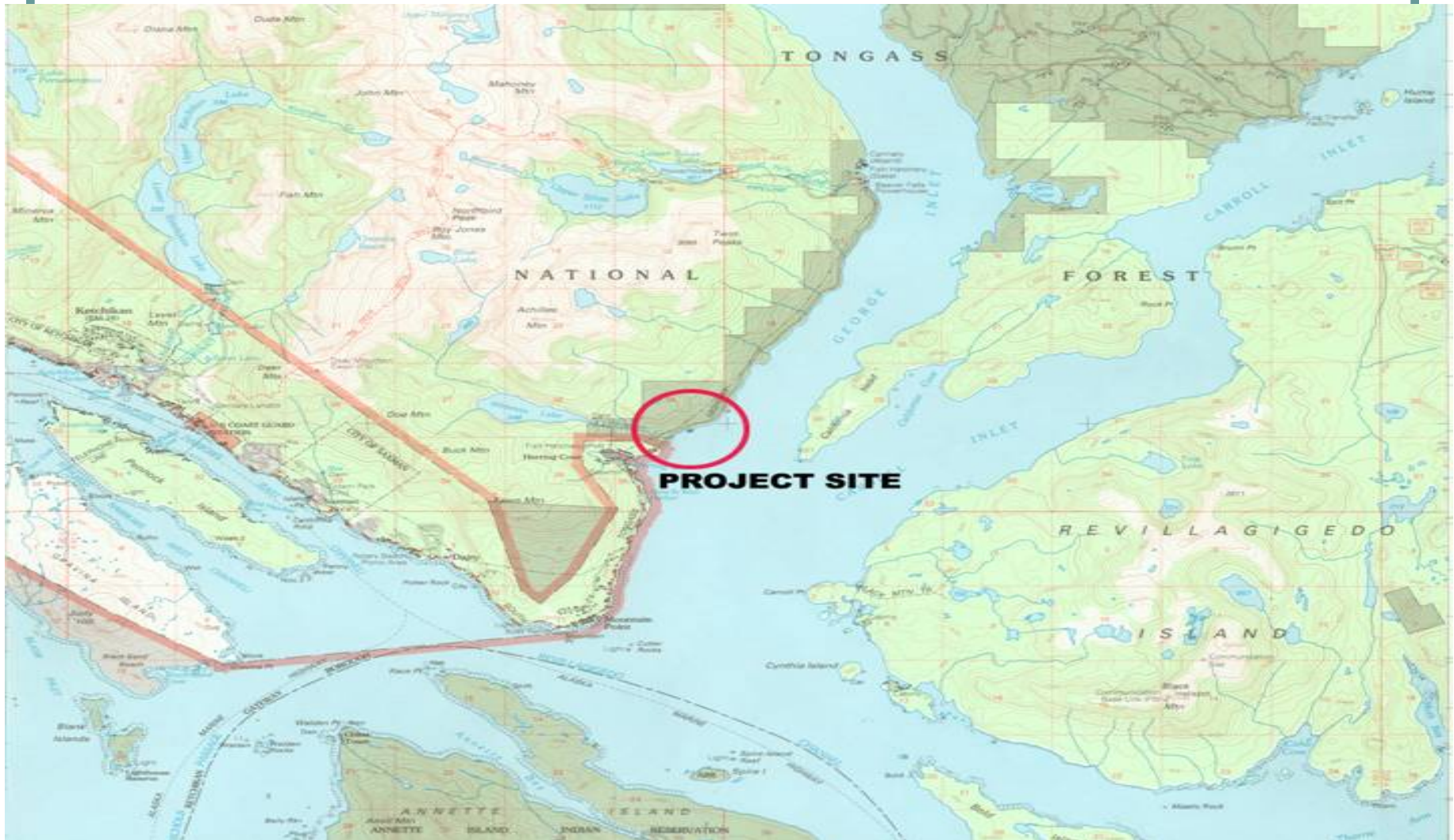
# OceansAlaska

## Marine Science Center

- | Organized as Tongass Coast Aquarium in 1992
- | Name changed to OceansAlaska: 2006
- | 501(c)(3) non profit organization
- | Mission: Support sustainable use of the marine environment.
- | Method: exhibit–research–education

# Oceans Alaska

## 28 Acre Site Acquired



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## Economic Development: New jobs

- | Direct job creation = 111 new jobs
  - | Exhibit facility 34
  - | Local area impact 68
  - | Education 4
  - | Mariculture research 5
- | Indirect jobs = 415 new jobs
  - | Educational Program (est) 15
  - | Mariculture in 20 years (est) 400

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## Economic Development

- | Exhibit and Display:
  - | Business plan completed 2005
  - | Conceptual facility design completed 2006
- | Educational Program
- | Research: mariculture focus
  - | Business Plan: completed 2006
  - | “Tipping the Balance”

# Mariculture Industry Constraints

- | Restrictive regulatory climate
- | High cost of doing business in rural Alaska
- | Lack of investment capital
- | Limited government support in research and development and training

# Mariculture Industry

## Keys to Industry Success

- | Public funded research & development
- | Common vision and goals: industry & gov't
- | Industry cooperation & collaboration
- | Use of wild harvest, enhanced and intensive culture methods

# Building a Mariculture Industry

## OceansAlaska: “Tipping the Balance”

- | Assemble a team: Industry, community, government and university sectors
- | Be a focal point to systematically address constraints and barriers.
- | Create a facility to focus on research, development, demonstration & training projects to assist industry

- | **Mariculture Research Center:**
  - | Provides the facility and corporate structure
  - | Industry provides the direction and focus
  - | Public support for building the Mariculture industry



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## Leading the Way

- | An indepth report is available
  - | On the web: [tongasscoastaquarium.org](http://tongasscoastaquarium.org)
  - | CD
  - | Printed copy
- | Give me your business card and I send you a CD or send you a printed copy.
- | [JohnLSund@yahoo.com](mailto:JohnLSund@yahoo.com)