



Progress: Alaska Mariculture Task Force

*Presented to:
Southeast Conference
March 14, 2017*

*Presented by:
Julie Decker
Executive Director, AFDF*

AFDF
Alaska Fisheries Development Foundation, Inc.



Mission - to identify problems common to the Alaska seafood industry and develop efficient, sustainable solutions that provide benefits to the economy, environment and communities

Areas of focus:

alue

- 1) Product development
- 2) 100% utilization
- 3) Sustainability certification
- 4) Fishing vessel energy efficiency
- 5) Maritime workforce development
- 6) Mariculture development

cred



Alaska Mariculture Initiative

Spearheaded by AFDF

Began with a vision:
*Grow a \$1 billion
industry in 30 years*



MADE IN ALASKA
MARICULTURE

ALASKA DIVISION of
ECONOMIC DEVELOPMENT

ALASKA
NORTH TO OPPORTUNITY

ALASKA
DEPARTMENT OF
COMMERCE,
COMMUNITY
AND ECONOMIC
DEVELOPMENT

AFDF



What is Mariculture?

In Alaska, mariculture is...

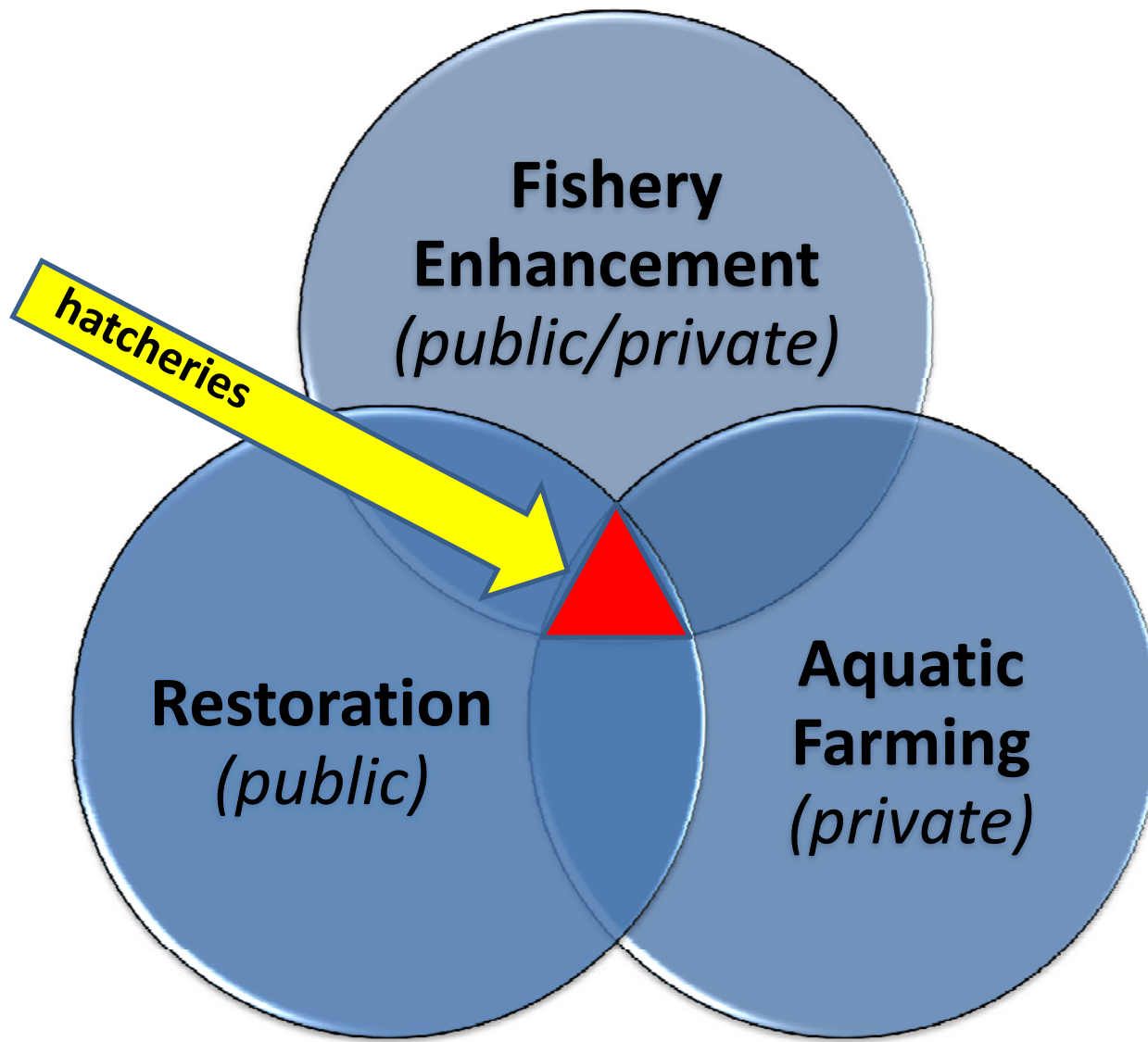
Finfish Farming

Mariculture is...

*Species = local (shellfish + invertebrates + aquatic plants)
+ Pacific oysters*



Mariculture is...



Alaska Mariculture Task Force

- Feb. 26, 2016 - Gov. Walker established the Alaska Mariculture Task Force (AMTF) by [Administrative Order #280](#)
- **Direction** - *“To provide recommendations to develop a viable and sustainable mariculture industry producing shellfish and aquatic plants for the long-term benefit of Alaska’s economy, environment and communities.”*



Alaska Mariculture Task Force

Important Guiding Principles

The ***development of the mariculture industry will:***

- 1) Be defined as enhancement of wild fisheries & aquatic farming of shellfish & aquatic plants. Mariculture does not include finfish farming, which is not legal in Alaska.
- 2) Be compatible with Alaska's reputation as a world leader in responsible and sustainable management of its seafood resources
- 3) Be stakeholder-driven
- 4) Provide the following benefits to Alaskans: economic, environmental, cultural, industrial & food security



Alaska Mariculture Task Force

11 Members

- Commissioner Chris Hladick, Chair, ADCCED
- Julie Decker, Vice Chair, AFDF
- Sam Rabung, ADF&G
- Michael Stekoll, macroalgae researcher, UAS
- Paula Cullenberg, Alaska Sea Grant Representative
- Jeff Hetrick, Aluutiq Pride Hatchery
- Eric Wyatt, Aquatic farmer, OceansAlaska Hatchery
- Angel Drobica, APICDA
- Heather McCarty, AKCRRAB
- Kate Sullivan, SARDF
- Christopher Whitehead, Sitka Tribe



➔ Barbara Blake, liaison to Gov/Lt. Gov's Offices



Alaska Mariculture Task Force

Advisory Committees

Five advisory committees, aligned with essential elements in AO

- ***Investment and Infrastructure*** (Chairs Drobica & Hetrick)
- ***Regulatory Issues*** (Chair Rabung)
- ***Research, Development, and Environmental Information*** (Chair Stekoll)
- ***Public Education and Marketing*** (Chair McCarty)
- ***Workforce Development*** (Chair Cullenberg)



Alaska Mariculture Task Force

NEW Recent Developments

- 1) Investment interest continues by new companies
- 2) Senator Murkowski hires NOAA fellow for mariculture expertise
- 3) McDowell Group hired to complete Phase 2 of economic analysis (due Sept. 1, 2017)
- 4) HB 76 – Mariculture Revolving Loan Fund – Rep. Ortiz
- 5) HB 128 – Shellfish enhancement – Rep. Ortiz
- 6) January 1, 2018 – draft comprehensive plan for public review



How to stay informed

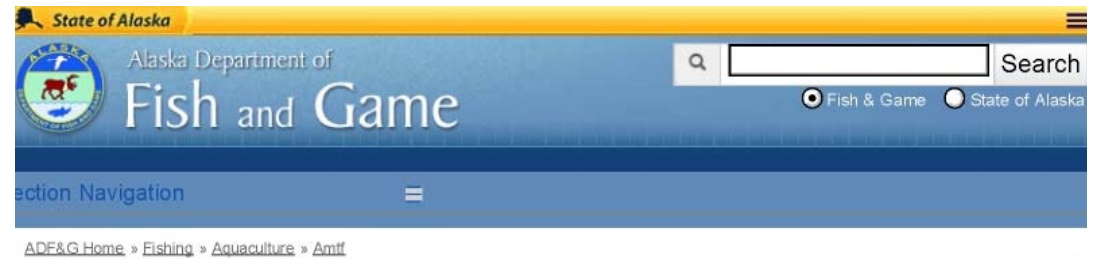
Website:

<http://www.adfg.alaska.gov/index.cfm?adfg=amtf.main>

Listserve:

Sign up at the website

To automatically receive public notices, etc.



Alaska Governor's Mariculture Task Force Overview

- Overview
- Task Force Members
- Task Force Meetings Information
- Advisory Committees
- Reference Library

Overview

"To provide recommendations to develop a viable and sustainable mariculture industry producing shellfish and aquatic plants for the long term benefit of Alaska's economy, environmental, and communities".

With encouragement from ADFG and the industry, Governor Walker created an Alaska Mariculture Task Force (AMTF). An [Administrative Order #280](#) was signed on February 29, 2016. The AMTF has been directed to create a comprehensive plan to boost the mariculture industry, which includes aquatic farming and enhancement of wild fisheries in Alaska. The recommendations developed by the AMTF will include details on public and private investments, regulatory issues, research and development needs, environmental changes, public education, and workforce development. Eleven AMTF members will be appointed by the Governor to develop the comprehensive recommendations. Advisory committees will also be established to assist the AMTF members with their mission. The AMTF meetings will be open to the public.



Pacific oysters ready for Alaskan market.

Sign Up To Receive Messages

Please enter your email address to receive messages about the Alaska Mariculture Task Force.

[Unsubscribe from this list](#)



Mariculture Activities in Southeast AK



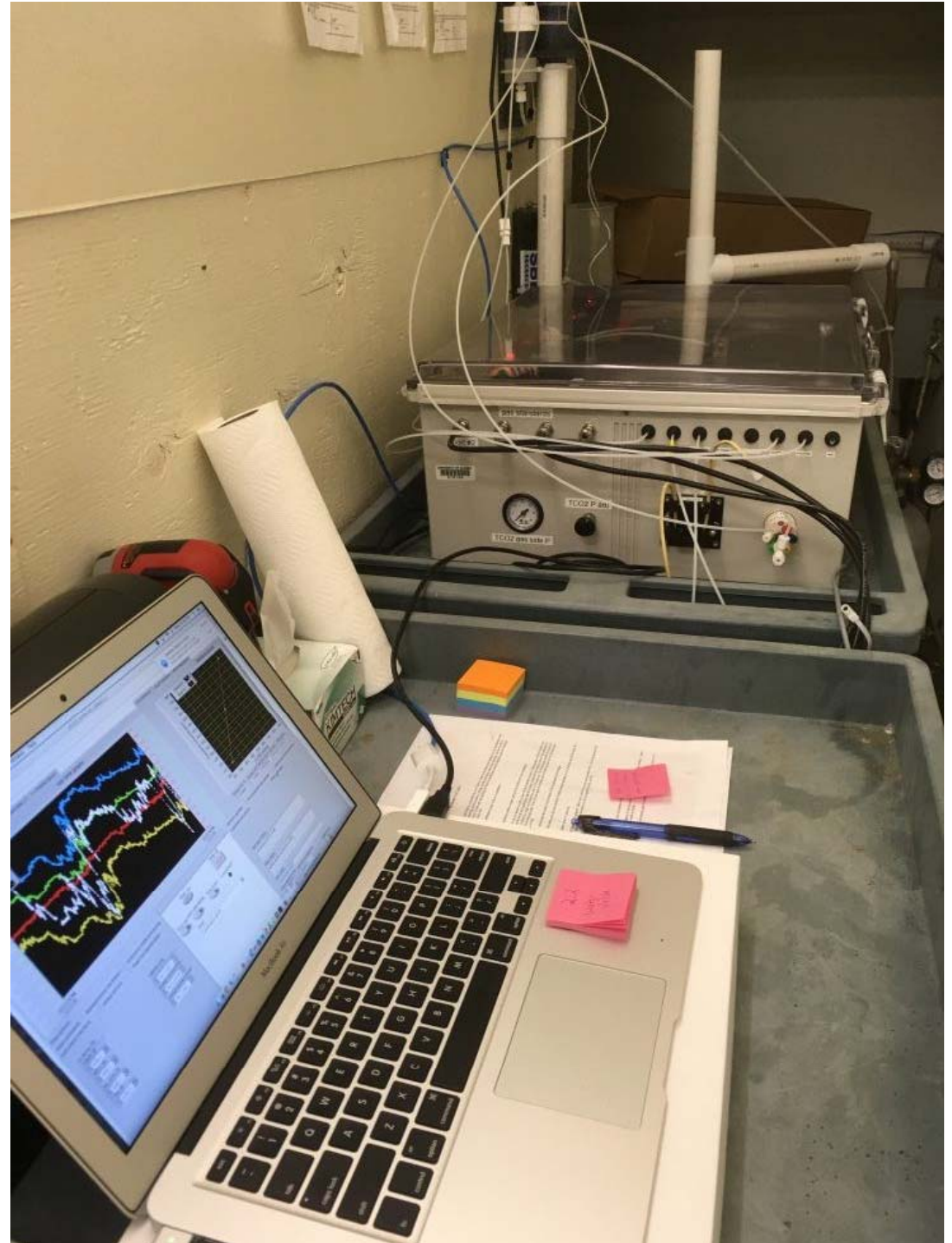


OA installs Burke-o-lator in Ketchikan

✓ In 2016, OceansAlaska became the 2nd location in Alaska to house a Burke-o-Lator

✓ Measures ocean acidification parameters in real-time of sea water: temperature, salinity, pH, CO₂, TCO₂, aragonite saturation, and alkalinity.

www.oceansalaska.org





***Hump Island Oyster Co.
Wins 2016 Entrepreneur of the Year from
Ketchikan Chamber of Commerce***

*Wild Alaska Kelp Co.
Wins P2P &
Murkowski's interest*





In Nov., 2016, seaweed seed was produced at UAS hatchery in Juneau for planting in Ketchikan and Kodiak

Blue Evolution.
BACK TO THE SOURCE



Mariculture in the News



undercurrentnews
seafood business news from beneath the surface

As geoduck, oyster demand rises, Taylor Shellfish eyes \$100m turnover

Chinese Companies to invest \$200 Million for Scallop Growing in Russia

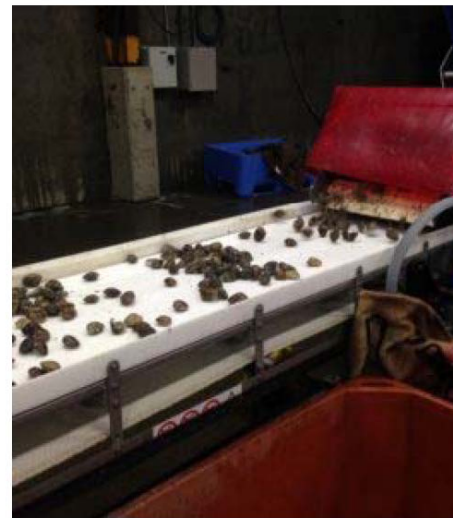
SEAFOODNEWS.COM [China Aquatic] Translated by Amy Zhong
Dec 7, 2016

According to the government of Primorsky Krai, some Chinese companies plan to invest US \$200 million to raise scallops, sea cucumbers and mussels there.

The deputy secretary-general of China Overseas Development Association is reported to have met and talked with the vice governor of Primorsky Krai. And Chinese companies intend to start the operation of their aquaculture facility there in May, 2017. And this facility will create thousands of new jobs.

Chinese investors are attracted by the good conditions around Vladivostok and other advanced development zones, said the deputy secretary-general. Primorsky Krai is attractive for investment, especially its aquaculture industry.

According to investors, the trial stage of this project will last about three years. Dalian's Gourmet Ocean product is their important sales partner.



Shellfish move down a conveyer at Taylor Shellfish's Shelton, Washington location.

February 7, 2017, 1:57 pm

[Jason Smith](#)

With demand for the company's oysters and geoducks, particularly from Asia and the US, Washington-based Taylor Shellfish Farms eyes \$100 million in sales by 2019, up from \$70m in 2016.