

INNOVATION SUMMIT

JUNEAU, ALASKA | JANUARY 29-30, 2014 | CENTENNIAL HALL

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Patricia Hull

Singing the Alaska Flag Song & National Anthem



Edward Thomas

*President, Central Council of the Tlingit & Haida Indian
Tribes of Alaska*

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Merrill Sanford
Mayor of Juneau

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Mead Treadwell
Lieutenant Governor of Alaska

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Sponsors





Innovation, Clusters and Our Economy

Brian Holst

Executive Director, Juneau Economic Development Council

Innovation and Regional Prosperity

Research by the Council on Competitiveness notes that, in the face of growing global competition, the only sustainable advantage for U.S. regions is continuous innovation. Innovation is the process by which individuals, companies, regions and even entire countries remake themselves in the face of changing markets. It is the driver of productivity growth and, ultimately, of a rising standard of living.

--The Council on Competitiveness, www.compete.org

Regional Innovation Outputs

Innovation

- ❑ Creates Competitive Advantage
- ❑ Allows Premium Pricing
- ❑ Results in Global Market Share

Productivity

- ❑ Determines Standard of Living in the Region
- ❑ Sets Region's per Capita Income
- ❑ Key activity is to Sustain Productivity Growth

Prosperity

- ❑ Measured by job growth, per capita income, median household income, & poverty levels

How do we support innovation in our economy?

- ☐ Invest in **INFRASTRUCTURE**
- ☐ Create enabling **REGULATIONS**
- ☐ Link **RESEARCH** to industry
- ☐ Develop **TALENT**
- ☐ Encourage **ENTREPRENEURSHIP**
- ☐ Make **CONNECTIONS** to new markets
- ☐ Strengthen **REGIONAL CLUSTERS**

An Economic Cluster is a Set of Firms

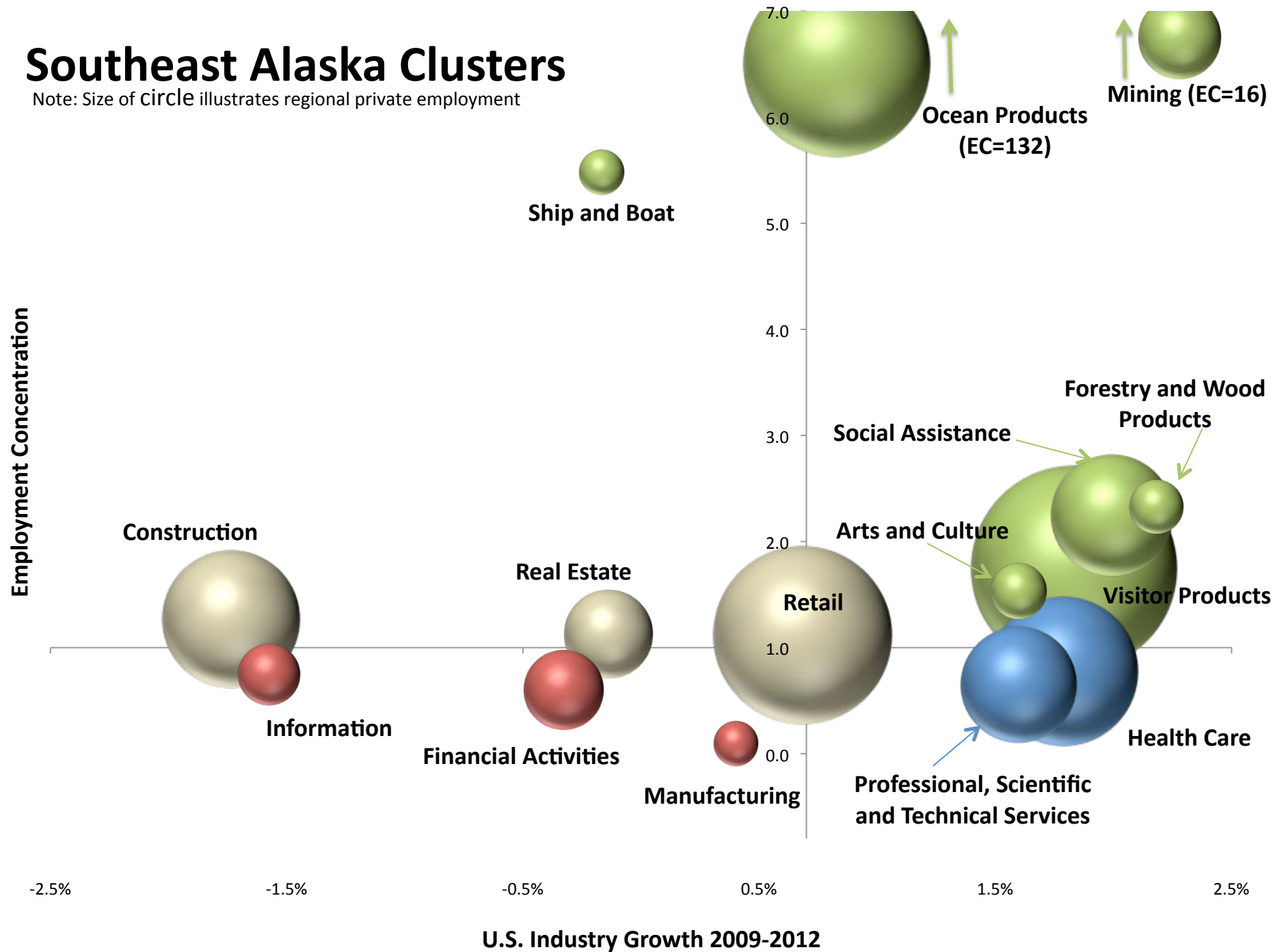
- ☐ In the same or related field
- ☐ Located in the same geographic area
- ☐ Linked by service or supplier relationships, common customers and/or supporting institutions
- ☐ Reliant on a shared regional labor market
- ☐ Complement but also compete with one another
- ☐ Draw productive advantage from their mutual proximity

Brookings Institute Report, September 2010:

The New “Cluster Moment”: How Regional Innovation Clusters can Foster the Next Economy

Southeast Alaska Clusters

Note: Size of circle illustrates regional private employment



Why a Cluster Approach?

“Regional industry clusters – synergistic regional concentrations of industry and related activity in particular fields – represents a powerful source of growth, new-firm starts, and quality jobs at a moment of economic uncertainty.”

Mark Munro and Kenan Fikri, Job creation on a Budget: How Regional Industry Clusters Can Add Jobs, Bolster Entrepreneurship, and Spurt Innovation. Brookings-Rockefeller Project on State and Metropolitan Innovation

Where do the jobs come from?

“No more than 2 percent of annual state job gains can be attributed to business relocations nationally, while more than **95 percent** come from the expansion of existing businesses (42 percent) and the birth of new establishments (56 percent)”

--Brookings-Rockefeller Project on State and Metropolitan Innovation January 2011

Why a Cluster Approach? It works....

Michael Porter, Harvard Business School:

- Clusters increase productivity
- **Clusters increase innovation**
- Clusters increase # of firms

National Governor's Association:

- **Clusters boost innovation**
- Clusters lead to higher wages and productivity
- Clusters improve employment opportunities
- Clusters stimulate regional entrepreneurship
- Cluster aids diversification and improves regional sustainability



What we know about clusters and
cluster development



What we have learned from past
summits:

December 2011 Summit

David Klick

- ❑ Northwest Food Processors Association (NWFPA)



February 2013 Innovation Summit

Dane Smith

□ FSG Shared Value



Dane Smith

February 2013 Innovation Summit

Patrick Quinton

☐ Portland Development Commission

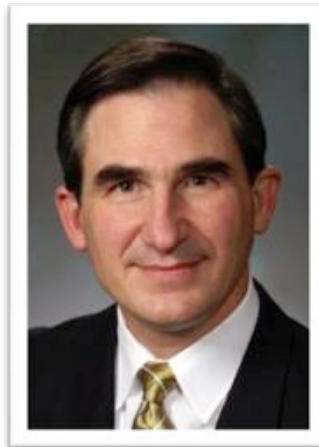


Patrick Quinton

February 2013 Innovation Summit

Senator Jim Kastama

□ Washington State's Experience Promoting
Innovation



Jim Kastama

2014 Innovation Summit Day One

INNOVATION SUMMIT WEDNESDAY, JANUARY 29		
12:00-2:00 PM	Registration	Lobby
1:00-2:00 PM	Networking in the Innovation Lounge	Lobby
2:00-2:30 PM	Welcome to the 2014 Innovation Summit Patricia Hull singing the National Anthem & Alaska Flag Song Edward K. Thomas, President, Central Council of the Tlingit & Haida Indian Tribes of Alaska Merrill Sanford, Mayor of Juneau	Sheffield
2:30-3:30 PM	Innovation, Clusters and our Economy Mead Treadwell, Lieutenant Governor of Alaska Brian Holst, Executive Director, JEDC Industry Cluster Introductions Visitor Products: Kirby Day, Princess Tours Ocean Products: Julie Decker, Southeast Alaska Salmon Gillnetter & John Sund, Mariculture Advocate Mining Service & Supply: Chris Gerondale, CMI & Jason Hart, Hecla Mining Company Renewable Energy: Alec Mesday, AEL&P; Bob Deering, US Forest Service & Bill Leighty, The Leighty Foundation, Alaska Applied Sciences Research: Dave D'Amore, US Forest Service & Shannon Atkinson, School of Fisheries & Ocean Sciences, UAF	Sheffield
3:30-5:00 PM	Collaborating for Industry Success in Iceland Introduction: Susan Bell, Commissioner, Alaska Department of Commerce, Community and Economic Development Keynote: Thor Sigfussen, Founder and Managing Director, Iceland Ocean Cluster	Sheffield

2014 Innovation Summit Day One

5:00-6:00 PM	Welcome Reception in the Innovation Lounge	Lobby
6:00-8:00 PM	Dinner Program: The Role of Government in Economic Development Alan Austerman, Alaska State Representative	Sheffield
	Keynote: Mary Jo Walts, Director, Economic & Workforce Development Division, National Governors Association Strategies for Supporting Innovation & Economic Competitiveness	
	Panel discussion: Shelley Hughes, Alaska State Representative Hollis French, Alaska State Senator Roger Woodworth, Vice-President, AVISTA Corporation & President of the Washington State Economic Development Commission	4:15-5:00 PM
	Mary Jo Walts, Director, Economic & Workforce Development Division, National Governors Association Susan Bell, Commissioner, Alaska Department of Commerce, Community & Economic Development Moderated by John Pugh, Chancellor, University of Alaska Southeast	5:00-6:00 PM

2014 Innovation Summit Day Two

INNOVATION SUMMIT THURSDAY, JANUARY 30		
7:30-8:00 AM	Light Continental Breakfast	Sheffield
8:00-8:10 AM	Welcome: Beth Kertulla, Alaska State Representative	Sheffield
8:10-9:15 AM	Alaskan Innovators Path to Prosperity Introduction, Alana Peterson, Haa Aani Panel: Path to Prosperity Finalists <i>Moderated by John Blanchard, Dean, UAS School of Management</i>	Sheffield
9:15-10:30 PM	Innovators in Government Introduction: Beth Pendleton, Regional Forester, U.S. Forest Service Bob Banghart, Deputy Director Libraries Archives Museums, State of Alaska Sean Ferrell, Public Affairs and Partnerships Staff Officer, Tongass National Forest Keynote: Patrice Kunes, Deputy Secretary of Rural Development, USDA	Sheffield
10:45-12:00 PM	Cluster Working Group Sessions Ocean Products Cluster Visitor Products Cluster Research & Development Cluster Renewable Energy Cluster Working Forest Cluster Mining Service & Supply Cluster Arts Cluster	Sheffield 3 Egan Hammond Sheffield 2 Hickel Miller JACC
12:00-1:00 PM	Networking Lunch	Sheffield

2014 Innovation Summit Day Two

1:00-2:30 PM	Creative Placemaking Cathy Muñoz, Alaska State Representative Keynote: Jamie Bennett, Executive Director ArtPlace America	Sheffield
2:30-3:00 PM	Break in the Innovation Lounge	Lobby
3:00-4:15 PM	MicroSessions Mary Jo Walts, Director, Economic & Workforce Development Division National Governors Association Jamie Bennett, Executive Director ArtPlace America Thor Sigfusson, Founder & Managing Director, Iceland Ocean Cluster Patrice Kunesch, Deputy Secretary of Rural Development, USDA Panel: Fostering Community Capacity through Innovation and Creativity Chad VanOrmer, District Ranger, Admiralty National Monument Andrew Thoms, Executive Director, Sitka Conservation Society Alana Peterson, Economic Development Coordinator, Haa Aani LLC Sarah Campen, Collaborative Stewardship Coordinator, The Nature Conservancy Moderated by Wayne Owen, Alaska Regional Director for Fish, Wildlife, and Subsistence	Sheffield 2 Hammond Sheffield 3 Egan Hickel
4:15-5:00 PM	Closing Remarks Path to Prosperity Winners Announced Russell Dick, President/CEO, Haa Aani Norm Cohen, Southeast Director, The Nature Conservancy Cluster Co-chair Closing Remarks	Sheffield Sheffield Sheffield
5:00-6:00 PM	Closing Reception, sponsored by Haa Aani	Lobby

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Arts Cluster

(Prospective)



- Juneau Arts and Humanities Council
- Juneau Community Foundation
- Perseverance Theater
- Sealaska Heritage Institute

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Cluster Working Groups



OCEAN
PRODUCTS



RENEWABLE
ENERGY



MINING SERVICES
AND SUPPLY



VISITOR
PRODUCTS



RESEARCH

How do we ***STRENGTHEN:***

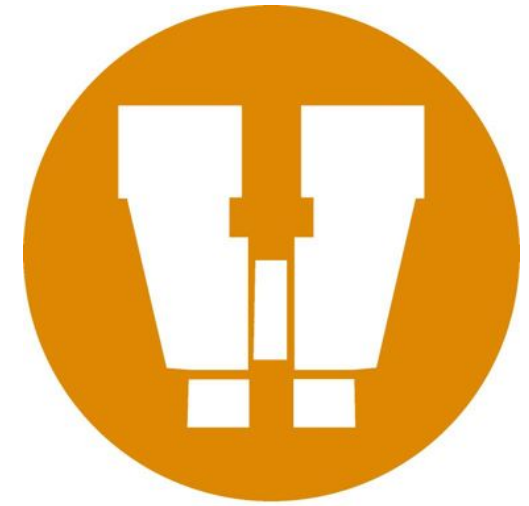


☐ **Advocacy**

- Bringing issues in need of address to government and policy officials on the state, regional and national level

☐ **Initiatives**

- Developing actionable items to be more competitive



VISITOR
PRODUCTS

Visitor Products

Kirby Day

Visitor Products Cluster Chair

Visitor Products Cluster: Action Initiatives List

- Develop Land and Water Trails And Support Facilities
- Increase Guided Access to Land
- Strengthen Accountability for Tongass Recreation Fees
- Integrate Tourism Coursework with UAS Existing Degree Programs
- Draft: Visitor Industry Outreach and Engagement



Ocean Products

Julie Decker & John Sund
Ocean Products Cluster Co-Chairs

Ocean Products Cluster : Action Initiatives List

- Support the Regional Mariculture Industry
- Develop a Sea Otter Management Program in Southeast Alaska
- Refine USDA Programs Applicable to the Seafood Industry

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MINING SERVICES
AND SUPPLY

Mining Services & Supply

Chris Gerondale & Jason Hart

Mining Service & Supply Cluster Co-Chairs

Mining Services and Supply Cluster: Action Initiatives List

- Develop Juneau as a Regional Rebuild Service Center
- Identify, Develop and Market Services and Products for Mines
- Career Building in Environmental Science and Engineering
- Hold Mining Procurement Event

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RENEWABLE
ENERGY

Renewable Energy

Alec Mesdag, Bob Deering & Bill Leighty
Renewable Energy Cluster Co-Chairs

Renewable Energy Seed Cluster: Action Initiatives List

- Conduct Market-driven Renewable Energy Economic Modeling for Southeast Alaska, including Multiple Transmission and Energy Storage Strategies
- Biomass Demand Development
- Develop Renewable Energy Education for SE Alaska Residents, Students and Businesses
- Expand Adoption of Electric Vehicles
- Conceive and Model an Alaskan Capital District Heating System

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RESEARCH

Research & Development

Dave D'Amore & Shannon Atkinson
Research Cluster Co-Chairs

Research and Development Cluster: Action Initiatives List

- Develop a Collaborative Research Network Focused on Key Themes in SE Alaska
- Link Industry Needs to Local Researchers in SE Alaska
- Connect Research to Communities
- Market the Unique Geographic, Natural and Infrastructure Features of our Region
- Promote STEM Education in our Region
- Become SCoR (State Committee on Research) Area of Excellence

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Susan Bell

*Commissioner, Alaska Department of Commerce,
Community and Economic Development*

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Collaboration and Diversification for Success in Iceland's Seafood Industry

Thor Sigfusson

Founder & Managing Director: Iceland Ocean Cluster



Welcome Reception in the Innovation Lounge

5:00 PM – 6:00 PM

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