

## Oregon Business Plan Submission Form

### Part I: General Background

*Please attach an additional page with general information about your cluster. Please include as much of the following information as possible.*

- Cluster Name/Industry High Technology, Semiconductor
- Cluster Facilitators' or Coordinators' Names Semiconductor Workforce Consortium (SWC), activity facilitated by Lynn Oetting
- Phone Number(s) 503-669-5548
- Email Address(es) lynn.oetting@mircochip.com
- Key Leaders or Members of the Cluster Organization LSI Logic, Intel, Microchip Technology Inc, IDT, Siltronic Corporation, Worksystems Inc., Chemeketa Community College (CC), Umpqua CC, Portland CC, Oregon Employment Department, Clackamas CC, Mt. Hood CC, OIT, AEA, Oregon Economic and Community Development Department
- Geographic Location – Metropolitan Portland area
- Sponsoring Organization(s)
- Number of Members and/or Constituents Served Current number of SWC members: 47 serving countless students and employees in industry and community college settings
- Level of Cluster Organization Development (ie. not yet organized, loosely organized, well-established and already organized, etc.) Well-established
- Organizational Structure (ie. Informal meetings, non-profit, trade association, etc.) Quarterly meetings held with industry and local Community Colleges

- Mission or Purpose SWC's mission is to create a collaborative environment that promotes semiconductor career opportunities and to ensure that Oregon is recognized throughout the world as a center for excellence in semiconductor education and training.

Please describe the process used to complete this form. Who was involved? How were priorities established?

At a quarterly SWC meeting, this form was provided and discussed among present members. Group consensus was documented. The SWC is a consortium of semiconductor industry and local community colleges. Priorities were established based on our collective experience, forecasting and opinions.

Is there any other information that we should know about your cluster?

The SWC was originally formed in 1989 out of a request from OEDD and PDC to ensure that OR and SW Washington had enough skilled/qualified workers for projected Semiconductor related jobs. Since then, a strong collaboration has been established between Semiconductor companies, local community colleges, and government & community partners to build needed bridges to meet industry employment needs. This includes curriculum development, grant opportunities, intern opportunities and full time employment of graduates from community college programs. We have recently extended our reach into the High Schools with programs such Career Pathways and visits from industry.

## **Part II: Oregon's Business Climate**

Please use the diagram on the following page to tell us how Oregon rates in each of the Four Ps. (People, Place, Productivity, Pioneering Innovation) and the space below to add additional comments.

### **Are there any additional areas that we need to address?**

- Consistent and dedicated funding for education K-12 to get Oregonians skilled enough with their education to be successful in High Tech careers.
- "Ready to work" skills and general skills training to assist under and unemployed individuals seeking employment.
- Ensuring that we have strong talent in local engineering programs to assist Oregon companies in hiring local talent.

### **Is there one area that stands out as the most critical to your industry's competitiveness?**

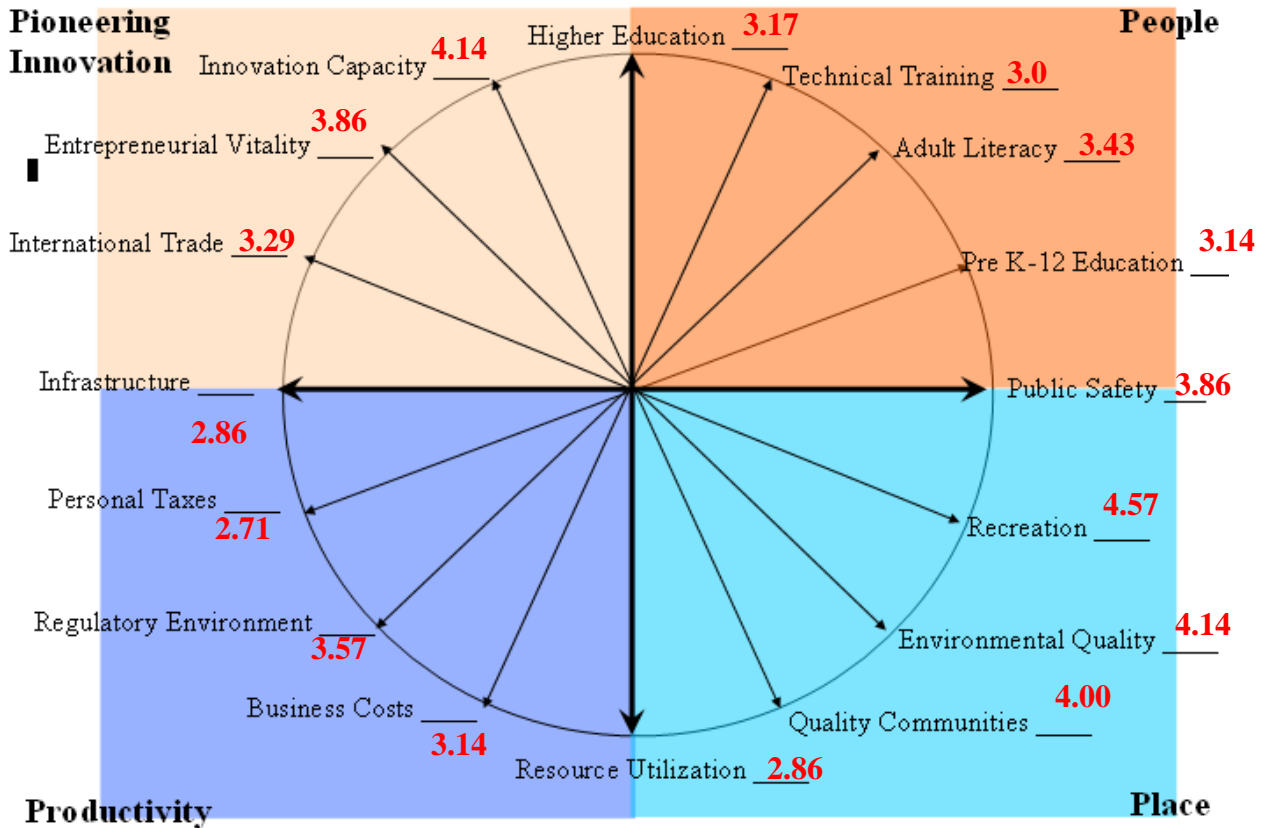
- The global market place and economy is what drives our business. For us to stay competitive, we need to have a stable infrastructure to support our growth and allow for people to buy our products.

### **Additional Comments or Explanations:**

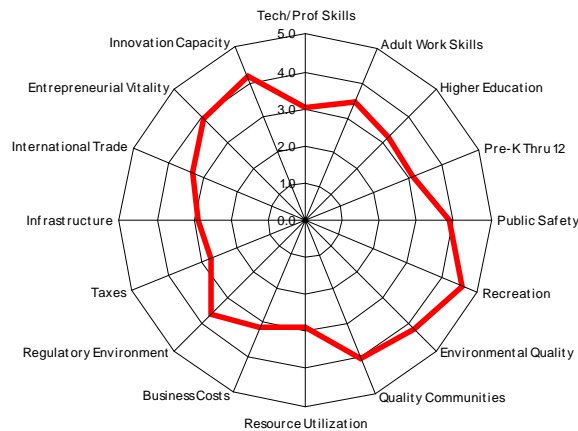
## Part II: Oregon's Business Climate (continued)

How would you rate Oregon's performance in each quadrant?

Rate each element from 0 to 5 (5 = highest performance, 0 = lowest performance).



### Semiconductor Workforce Consortium



**Part III: OBP Core Initiatives**

A.) Rank your top FIVE (put a “1”, “2”, “3”, “4”, or “5” in the appropriate boxes in the left column) AND

B.) For EVERY initiative, identify how important the initiative is to your industry (put a “√” in the appropriate box).

Rank Top 5	CURRENT OBP INITIATIVES	Extremely Important	Important.	Not Very Important	Not Important At All.
	IMPROVE PUBLIC FINANCE AND SERVICES.		X		
	EXPAND OREGON'S CAPACITY FOR ECONOMIC INNOVATION.		X		
2	ACHIEVE A HIGHER RETURN ON OREGON'S INVESTMENT IN PREK-20 EDUCATION.		X		
	ENHANCE OREGON'S FOREST RESOURCE BENEFITS.			X	
5	ENHANCE OREGON'S TRANSPORTATION INFRASTRUCTURE.		X		
	MAKE LAND AVAILABLE FOR TRADED-SECTOR INDUSTRY DEVELOPMENT.		X		
	SIMPLIFY AND STREAMLINE REGULATION AND PERMITTING.		X		
4	IMPROVE HEALTHCARE AND CONTROL ITS COSTS.		X		
	BRAND AND MARKET OREGON MORE AGGRESSIVELY.			X	
	2006 OBP POTENTIAL INITIATIVES		X		
	DRUG USE		X		
	WATER POLICY		X		
	ENERGY		X		
	TELECOMMUNICATIONS		X		
1	HIGH PERFORMANCE MANUFACTURING	X			
3	TARGETED WORKFORCE DEVELOPMENT	X			
	OTHER				

#### **Part IV: Specific Cluster Initiatives**

In addition to telling us about your industry's general priorities and concerns by evaluating the OBP Core Initiatives, please prioritize the specific action items, policies, opportunities, or programs that would enhance your industry's competitiveness. (ie. Build a new research center, create a forum for networking, develop an industry marketing campaign, design a ballot initiative to implement a new policy, etc.) You may list as many as you like (use the back or an additional page if you have more than three), but please list them in priority order as we will select the top priorities for the 2006 OBP Agenda and keep all proposals in consideration for future years. Your list should include well-defined, measurable action items that you would like the OBP to support.

1. Having a pool of good qualified candidates in-state for needed jobs. This runs the gamete of entry level to technician level to engineering level.
2. Seeing a marketing campaign to highlight the benefits of general interest and options for careers in Math and Science. Keep is general, not industry specific. I think we have seen that needs in one High Tech industry match, to some extent, others.
3. Having one place to look for resources that exist already. Many of us don't know what is out there already and waste a lot of time and energy recreating the wheel. Need a clearinghouse space to share and get information for each cluster. This clearinghouse could have training modules, best practices and lessons learned. Then it needs to be communicated so that people know it is there for use.

**Comments or Explanations for Choosing these Action Items:**

## **Part V: Oregon Business Plan Leadership Summit Participation**

At the Oregon Business Plan Leadership Summit, we'd like to feature the work that Oregon's organized clusters are accomplishing and show how organizing within the industry has improved your competitiveness. In addition to highlighting a few of Oregon's Cluster Development efforts during the presentation portion of the program, we are considering making space available for break-out sessions for several of the cluster organizations.

If there is time available at the Oregon Business Plan Summit, would your organization like to give a brief presentation about your cluster? **YES**

If space is available, would your cluster benefit from a break-out session where Summit attendees could learn more about your cluster's goals, challenges, and needs? **NO**

Are there any audiences you would particularly like to reach at the Summit? **N/A**

Please submit your completed OBP Submission Form by October 20, 2005 to:

Oregon Business Plan Submissions  
Oregon Business Council  
1100 SW Sixth Ave. Suite 1608  
Portland, OR 97204-1090