

Oregon Business Plan Cluster Overview Metals Industry Consortium

Part I: General Background

- Cluster Name/Industry
Metals Industry Consortium (MIC)

- Cluster Facilitators' or Coordinators' Names
 - *Eileen Drake, PCC Structural, Vice President, Administration & Legal Affairs (MIC co-chair) – edrake@pccstructurals.com, 503-652-3550*
 - *Scott Eave, Gunderson Inc, Vice President of Human Resources (MIC co-chair) – seave@gundersoninc.com, 503-972-5712*
 - *Michele Hicks, Madden Industrial Craftsmen Inc, Marketing Representative (MIC coordinator/staff) – mhicks@mici.com, 971-246-3464*

- Key Leaders or Members of the Cluster Organization
 - *American Steel – Steve Mickels, Nicole Ramsey*
 - *Barrett Business Services – Erik Swanson*
 - *Bodycote Material Testing – Carl Cunningham, Jeff Marksthaler*
 - *Boeing Company – Ray Aguilar, Ron Lermo, John Shih*
 - *Bridgetown Cores – Beth Knipple*
 - *Business Education Compact – Tamara Busch-Johnson, Ellen Galka*
 - *Chapel Steel – Steve Palmblad*
 - *Clackamas Community College – Karen Stone, Scott Giltz*
 - *Columbia Wire & Iron Works – Drew Park*
 - *Consolidated Metco – Ron Ferguson*
 - *Ecklund Industries – Shirley Smith*
 - *ESCO Corporation – Rod Staben*
 - *H.W. Metal Products – Jack Suter, Josh Suter*
 - *IRCO – Victoria Libov*
 - *Irwin Hodson Company – Thomas Brown*
 - *Kinetics – Walt Weyler*
 - *Leupold & Stevens – Bea Mambaje, Susan Reece*
 - *Liberty Metal Fabrication – Gil Carreon*
 - *Lower Columbia College – James Coyne, Kam Todd*
 - *Madden Fabrication – Greg Madden*
 - *Madden Industrial Craftsmen Inc – Michele Hicks, Ken Madden*
 - *Marks Metal Technology – David Marks*
 - *Michaels of Oregon – Judy Nix*
 - *Mt. Hood Community College – Tim Polly*
 - *NW Pipe – Carol Grant*
 - *Oregon Bridge Delivery Partners – Jim Hagar*
 - *Oregon Cutting Systems (Blount) – John DeHaven*
 - *Oregon Department of Education – Ginger Redlinger*
 - *Oregon Economic & Community Development Dept – Dennie Houle*
 - *Oregon Employment Department – Alan Woolley*
 - *Oregon Feralloy Partners – Mike Stacey*
 - *Oregon Iron Works – Tom Hickman*
 - *Oregon Institute for Technology – Kirby Grant, Dick Swanson*
 - *Oregon Manufacturing Extension Partnership – Pat Murphy*
 - *Oregon Steel Mills – Ray Miller, Jennifer Murray*
 - *PCC Structural – Dave Coates, Eileen Drake, Logan Imponen, Bob Runyan*

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- *Portland Bolt & Manufacturing – Jonathon Todd*
- *Portland Community College – Pat Kraft, Preston Pulliams, Jeff Triplett*
- *Portland Development Commission – Patricia Ryan*
- *Portland Public Schools – Kevin Jeans-Gail, Jeanne Yerkovich*
- *Portland State University – Jack Devletian*
- *Quimby Corporation – Joe Smith*
- *Sabin Schellenberg Skill Center – Mark Lynch*
- *Schnitzer Steel – Jim Logerquist, Arianna Long*
- *SE Works – Bonnie Bender, Sue Eastman*
- *Silver Eagle Manufacturing – Mike Fenske, Darlene Schweiterman*
- *State of Oregon, Governor’s Office – Claire Berger*
- *SW Washington Workforce Development Council – Jerry Petrick*
- *Tice Industries – Scott Tice*
- *Tube Forgings of America – John Garbutt*
- *Tubular Solutions – Craig Mosely*
- *Vancouver Iron & Steel – Veva Goehler*
- *Workdrugfree – Mimi Bushman*
- *WorkSource SW Washington – Colleen Hankins*
- *Worksystems Inc – Karen Shawcross, Zeke Smith*
- *Wright Manufacturing – Ty Wright*

- **Geographic Location**
Currently primarily in Portland Metropolitan area; projected to expand to larger Oregon and Pacific Northwest region

- **Level of Cluster Organization Development/Organizational Structure**
Loosely organized but in the process of merging with an existing non-profit association

- **Mission or Purpose**
To create and sustain solid job opportunities in the metals industry, including workforce recruitment and training tied to metals industry careers

- **Please describe the process used to complete this form. Who was involved? How were priorities established?**
Drafted by Laurel Schweitzer (PDC metals industry rep), Michele Hicks (MIC coordinator) and Eileen Drake (MIC co-chair). Draft sent to members for review and comment before submission.

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

This cluster was formed in March 2005 to unite metals businesses with workforce development, economic development and education partners to address workforce recruiting, retention and training needs for the metals industry in Oregon and Southwest Washington. MIC currently is structured to operate through committees “staffed” by industry and public sector and education partners. There are three committees at this time:

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- *MIC Marketing Committee meets monthly to strategize marketing the industry to high school students, their parents, teachers, counselors and the community. The committee has developed brochures, flyers, and other materials, promoted company tours, classroom presentations and other student learning opportunities and planned the “Metals Industry Expo 05”. Metals Industry Expo 05’ was a huge success with over 30 metals manufacturing companies with booths to educate and expose students and the community to opportunities in the metals industry. The expo was attended by over 2,000 students from all over Oregon and Washington. The Metals Industry Expo 06’ is being planned by the MIC Marketing Committee and will be even bigger and better than last year with the possibility of showcasing careers and opportunities in not only metals manufacturing but also the construction and healthcare industries.*
- *MIC Education Committee is a partnership between education and business and is focused on connecting students with student learning opportunities. The committee and member businesses currently are working with Portland Public Schools (through Portland Workforce Alliance), Sabin Schellenberg Skills Center (North Clackamas), David Douglas and other area high schools, as well as the Business Education Compact.*
- *The Organization Committee is pursuing a formal organization structure with 501 (c)(3) status for MIC. This also will expand the scope of MIC in the Pacific Northwest Region.*

MIC members also are active in other workforce-related initiatives, including:

- *Manufacturing 21 Coalition’s efforts to create a regional Research & Development and Workforce Development Center: the Center for Manufacturing and Infrastructure Engineering. Manufacturing 21 Coalition includes 26 businesses and 9 economic development, education and workforce development partners.*
- *Drugfree Oregon Workforce Proposal expand drugfree workplace programs with Oregon employers, schools and public sector employment and workforce development agencies. (Initiative proposed for inclusion in the Oregon Business Plan)*

Full MIC meetings are the first Thursday of every other month from noon to 1:30 pm at ESCO (2141 NW 25th Ave, Portland, OR – Auditorium). The next full MIC meeting is December 1, 2005. Committees meet as needed, usually monthly.

Part II: Oregon’s Business Climate

- Are there any additional areas that we need to address?
 - *Workforce development & training in manufacturing sector*
 - *Stronger business/education connection*

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- *Improved research and development capacity for large and small businesses*
 - Is there one area that stands out as the most critical to your industry's competitiveness?
 - *Availability of skilled, trained workforce to meet current and future industry needs*
 - Additional Comments or Explanations:
 - How would you rate Oregon's performance in each quadrant? (5=highest performance, 0=lowest performance)
 - Higher Education 0 1 2 3 4 5
 - Technical Training 0 1 2 3 4 5
 - Adult Literacy 0 1 2 3 4 5
 - Pre K-12 Education 0 1 2 3 4 5
 - Innovation Capacity 0 1 2 3 4 5
- *MIC members were surveyed*

Part III: OBP Core Initiatives

- Are there any additional initiatives that should be considered?
- Is there one initiative that is critical to your industry's competitiveness?
 - *Targeted workforce development*
- Additional Comments or Explanations:
- Rank your top FIVE initiatives
 - **Rank: 1** - Targeted workforce development
 - **Rank: 2** - Achieve a higher return on Oregon's investment in Pre K-20 education
 - **Rank: 3** - Other – Expand Oregon's capacity for manufacturing innovation
 - **Rank: 4** - High performance manufacturing
 - **Rank: 5** - Improve healthcare and control its costs
- Current OBP Initiatives
 - Improve public finance and services
 - Expand Oregon's capacity for economic innovation
 - Enhance Oregon's forest resource benefits
 - Enhance Oregon's transportation infrastructure
 - Make land available for traded-sector industry development
 - Simplify and streamline regulation and permitting
 - Improve healthcare and control its costs
 - Brand and market Oregon more aggressively
- 2006 Potential OBP Initiatives
 - Drug use
 - Water policy
 - Energy
 - Telecommunications
 - High performance manufacturing
 - Other – Expand Oregon's capacity for manufacturing innovation

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- For EVERY initiative, identify how important the initiative is to your industry (extremely important, important, not very important or not important at all)
 - Current OBP Initiatives
 - Improve public finance and services
 - *Important*
 - Expand Oregon's capacity for economic innovation
 - *Extremely important*
 - Achieve a higher return on Oregon's investment in Pre K-20 education
 - *Extremely important*
 - Enhance Oregon's forest resource benefits
 - *Important*
 - Enhance Oregon's transportation infrastructure
 - *Important*
 - Make land available for traded-sector industry development
 - *Extremely important*
 - Simplify and streamline regulation and permitting
 - *Important*
 - Improve healthcare and control its costs
 - *Extremely important*
 - Brand and market Oregon more aggressively
 - *Important*
 - 2006 Potential OPB Initiatives
 - Drug use
 - *Extremely important*
 - Water policy
 - *Important*
 - Energy
 - *Extremely important*
 - Telecommunications
 - *Important*
 - High performance manufacturing
 - *Extremely important*
 - Targeted workforce development
 - *Extremely important*
 - Other: Expand Oregon's capacity for manufacturing innovation
 - *Extremely important*

Part IV: Specific Cluster Initiatives

- *Developing stronger and more effective Business/K-20 education connections – especially at the middle school, high school and community college levels*
- *Streamlining and improving delivery of workforce development and training services for manufacturing, especially metals industry businesses*
- *Creating a second Oregon signature research center focused on research and development and workforce training support (Manufacturing 21 Coalitions' Northwest Center for Manufacturing and Infrastructure Engineering)*
- *Improved recognition of the value of metals manufacturing industry to Oregon economy*

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- *Improved recognition of the value of manufacturing jobs for current and future members of the Oregon workforce*

Part V: Oregon Business Plan Leadership Summit Participation

- 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?
Yes
- Are there any audiences you would particularly like to reach at the Summit?
Other metals industry businesses and representatives from education, economic development, workforce development, as well as elected officials

Will be submitted to:
Oregon Business Plan Submissions
Oregon Business Council
1100 SW Sixth Ave. Suite 1608
Portland, OR 97204-1090