



GOVERNOR'S WORKFORCE INVESTMENT BOARD
500 E. Third Street, Room 200
Carson City, Nevada 89713
Telephone (775) 684-3911 * Fax (775) 684-3908

MEETING MINUTES

Governor's Workforce Investment Board (GWIB) Manufacturing Sector Council Monday, October 6, 2014 10:00 a.m.

Some members of the Council may be attending the meeting in person or through a simultaneous videoconference and teleconference conducted at the following locations:

Place of Meeting: **Department of Employment, Training & Rehabilitation**
2800 East St. Louis Avenue, Conference Rooms A-C
Las Vegas, NV

Department of Employment, Training & Rehabilitation
500 E. Third Street, SAO Auditorium
Carson City, NV

Nevada Job Connect
Reno Town Mall
4001 South Virginia Street
Reno, NV

Council Members Present: Ray Bacon, Leo Gobbo, Commissioner Representative Denise Castle, Mike Skaggs, David McElwain, Terry Culp, George Gussak, Gary Blosl, Dr. Michael Spangler, David Steiger, Dasya Duckworth, Dr. Haris Dumanidis, Mark Rauenzahn, Commissioner Vida Keller, Matt Verluis.

Council Members Absent: Ryan Costella (excused), Frederick Stater (excused), Dana Ryan (excused), Jim New (excused), Dr. David Ching Lee, Craig Laub (excused), Chris Zunis, Rich Reinger (excused), Mehul Mehta.

Ex-officio Members Present: Jeremy Hays, Beth Wicks, Mark Henderson, Patricia Baker.

Ex-officio Members Absent: Kenadie Cobbin Richardson, Lyle Smith.

DETR WSU Staff Present: De Salazar, Ansara Martino, Odalys Carmona, Coralie Peterson, Mae Worthey, Public Information Officer (DETR).

Others Present: Debra Campbell.

**Please note that all attendees may not be listed above.*

- I. Welcome, Introductions and New Members..... Ryan Costella, Chair
GWIB Manufacturing Sector Council

The Chair of this Council, Ryan Costella, was unable to attend this meeting. In his absence, Ray Bacon, the Vice-Chair of the Council acted as the Chair and called the meeting to order at 10:01 a.m. Mr. Bacon welcomed everyone and thanked them for attending this meeting. He then asked Coralie Peterson, Administrative Assistant for DETR’s Workforce Solutions Unit, to call roll.

- II. Roll call and Establishment of a QuorumCoralie Peterson
Workforce Solutions Unit, Department of Employment, Training and Rehabilitation (DETR)

Coralie Peterson called roll and informed the Chair that a quorum was present.

- III. Verification of Posting.....Coralie Peterson

Ray Bacon asked Coralie Peterson to verify that the agenda for this meeting was posted according to Nevada statute. Mrs. Peterson verified that the agenda was posted according to NRS 241.020.

- IV. **First Public Comment Session**Ray Bacon
Members of the public will be invited to speak before; however, no action may be taken on a matter during public comment until the matter itself has been included on an agenda as an item for possible action. Public comment may be limited to three minutes per person at the discretion of the chairperson.

Ray Bacon announced the First Public Comment Session and invited members of the public to speak. No comments were made. Hearing none, Mr. Bacon moved to Item V.

- V. **Discussion/ Possible Action** – Approval of the September 8, 2014 Meeting Minutes.....Ray Bacon

Mr. Bacon asked for approval of the September 8, 2014 Meeting Minutes. A motion to approve was made by David Steiger and was seconded by George Gussak. All were in favor. None were opposed. The motion carried unanimously.

- VI. **Presentation** – Tesla’s Process and Training Needs.....Ray Bacon

Ray Bacon said that although many meetings are taking place on the upcoming Tesla project, little real information is known as yet. Mr. Bacon said that the criteria for the project require that a minimum of 50% of the workforce must be hired from Nevada, and southern Nevada may yet benefit in possible employment as well as northern Nevada.

Mr. Bacon explained that, fundamentally, a battery takes a chemical reaction and then turns it into energy, and regardless of the complexity of the structure (as in a lithium battery) it is basically a chemistry problem that becomes a physics problem. He said that consequently, potential workers will need to have a solid science background in physics and chemistry, and Mr. Bacon stated that this will apply statewide. He also said that the workforce needs for Tesla will strain the training facilities and high schools, and may displace the needs of existing companies, putting them at risk for *their* workforce.

Mike Skaggs suggested that the sector council membership be reviewed to make sure that both K-12 and higher education are represented in the sector council in order to play a role in helping providers to better understand the needs.

David McElwain said that once more specific requirements/identifiers for skill sets are known, they can make programmatic changes or recommendations, based on which programs align with the specific needs, and until that time, following the current career pathways, they have programs that will provide students the basic fundamentals.

Mr. Bacon commented on retaining students in the state was advantageous, and David McElwain responded that for this year, preliminary data indicated that the retention rate did increase, due to recruitment efforts that they employed as well as the financial considerations. He did say that modifications in curriculum can be considered when more is known about the skill set requirements.

Mike Skaggs (Governor’s Office of Economic Development) said that as they engage with the supplier chain and more information on any new skill sets is determined, he will forward this on the sector members for their review. Mr. Bacon thanked him for this comment and then proceeded to Item VII.

VII. **Presentation** – Overview on Plant Management Techniques and Skills.....Jim New, Associate Dean
Truckee Meadows Community College

David Philippi, Community Partnership Coordinator,
Director, Academy of Engineering, Northwest Career and Technical Academy (NWCTA)

Mr. Bacon said that as Jim New has delayed this presentation until the next sector council meeting, and moved to Item VIII.

VIII. **Presentation** – Update on Manufacturing in Nevada – Conference, Trade Show and Career Day.....George Gussak, Executive Director
Dream It Do It Nevada

Mr. Bacon asked George Gussak to provide his comments. Mr. Gussak said that Manufacturers Week took place from September 29th to October 3rd, and incorporated the use of 14 school buses and 6 vans, involved 15 high schools, 3 middle schools, had the participation of 34 companies and included 40 individual events.

He said the events included a breakfast mixer at Carson High School and the first Women in Manufacturing Luncheon, which had 29 participants, was very successful, and will provide a precursor to larger formats in the near future. He added that because of the great success of the event, they may seek to join in other WIM (Women in Manufacturing) events at the Manufacturers Institute.

He stated further that the Manufacturing Day tours began on Tuesday and for the first time included the rural areas of Fernley, Fallon, Yerington and Smith Valley. Since Manufacturers Day had so many other extended events, spanning from the October 1st Manufacturers Conference, up to and including a breakfast and ribbon-cutting event on Friday, October 3rd, the event is now being referred to as Manufacturers Week.

Mr. Gussak mentioned that the events were broadcast on several stations and publicized in many newspapers, such as the Review-Journal and Manufacturers Business Journal. He said that the total attendance from the tours, in-class presentations, and attendance at the various events was 2,300 students.

Even though Manufacturers Day was an overall success, Mr. Gussak added that there still is an issue in getting students, from middle and high school levels, interested in technology sciences (engineering, machining, and welding, for example), and he felt that this issue should be considered a focal point for attention by the sector council.

He concluded his comments by mentioning that he did not know the numbers of the Manufacturing Day event in southern Nevada, but Terry Culp may be able to provide that information.

Mr. Bacon asked Terry Culp and Dave McElwain how southern Nevada did with Manufacturers Day/Week. Mr. Culp said that he has been working with Dave McElwain in planning four tours for high school students to tour local manufacturing businesses (Clearwater, YESCO, PowerGen, and DDS Conveyors, and possibly Berry Plastics) to give exposure of the manufacturing industry to students and teachers.

He said that they will continue these efforts throughout the year, not just during the time of the Manufacturing Week/Day event. He said that recently they arranged for 50 UNLV engineering students to tour DDS Conveyors to observe robotics and they have also had a number of students involved in a UAS Forum Organization in southern Nevada, where companies and academia demonstrate what they do in the UAS/UAV arena to students from high schools and universities.

Mr. Culp commented that ongoing initiatives in southern Nevada have been gaining momentum and have been creating interest. He gave the example of the Nevada Business Aviation Association (NVBAA), which, under the leadership of Reza Karamooz, has been involved with some of the high schools in creative endeavors while also stimulating students to focus on their STEM skills, as in one aviation project that resulted in one of those high schools winning a national award for designing and building a small aircraft.

He said that they are also engaging more aggressively with some of the professors in connecting with the commercial sector in assisting start-up manufacturing companies to become more established. He also mentioned an upcoming meeting with Michael Spangler, several companies and UNLV regarding CNC (Computer Numerical Control) training, to gain interest in CNC machining and programming and to develop a program at the commercial college level to satisfy the workforce needs of companies in CNC and machining operations.

He went on to mention another effort. The Nevada Industry of Excellence will be sponsoring an insert in *Nevada Business Magazine* to raise the level of awareness in manufacturing throughout the state and generate interest statewide at the high school, community college and university levels by featuring an impressive list of 400 companies (20+ employees) active in the manufacturing industry. They have also partnered with the *Las Vegas Review Journal* to have a full-page editorial every other month in the RJ's *Las Vegas Press* business magazine that features a Las Vegas company, such as YESCO (Young Electric Sign Company) and NV Energy, which were shown in their first issue. An upcoming issue will be showcasing Sable Systems, which is another successful Las Vegas company that manufactures and ships their medical devices throughout the world. He said that these examples are the types of avenues they are pursuing to show the community the type of high-tech manufacturing that can be found in Nevada and represent a clean and desirable environment in which to work.

Dave McElwain added that as the dates of the Manufacturing Day/Week conflicted with traditional activities in southern Nevada, such as Construction Career Day held on, Friday, October 10, 2014. He said that event will have the participation of 900 students, and may overlap with the same students that attend a Manufacturers Day event. Mr. McElwain added that taking the students out of school twice within 7 to 10 days was asking too much, so they are spreading the events out, and conducting a separate field trip of local businesses for those attending Construction Career day later in the month to the locations mentioned earlier by Mr. Culp.

He said that the Construction Career day in the past was held at the Las Vegas Motor Speedway, but this year will be located on the UNLV campus, and it has been expanded to all cover *all* careers associated with the construction industry, such as finance, business, engineering, insurance, and hard hats, and will even branch somewhat into the manufacturing area, with demonstrations provided by the Mechanical Engineering School in the Science and Engineering Building.

He also mentioned that on April 24, 2015, they will be working with CSN (College of Southern Nevada) to hold a Science Tech Expo, covering all areas of applied science, which he encouraged sector council members to attend. He said as the industry changes and new requirements are identified, future like events can be shaped to accommodate that theme.

Mr. Bacon asked if companies as well as academia will be coming to the Science Tech Expo event he mentioned. Mike Spangler commented that, for several years, companies have been encouraged to exhibit some of their technical expertise at the Science Tech Expo, as its purpose is to promote science and technical programs. Mr. Skaggs said relatively few young people are entering these programs, and he encouraged anyone who may have ideas for selling the programs get in touch with his office, and he would welcome their assistance. Mr. Bacon said he would be happy to publicize this in his newsletter to request business support.

Mr. Spangler said that the first area of future efforts is to know what his college should be doing in the area of machining and direct production skills (CNC machining), and next will be industrial controls and automation, as he has major planning and acquisitions that will be needed. Mr. Bacon suggested the NIM Certificates (he approximates 55 different NIM certificates), which can get students into the fields ranging from operators to tool and dye makers, and he suggested Mr. Spangler contact Paul Eastwood or Kelly Osborne at Western Nevada College for further information on machining programs and equipment.

Mr. Bacon said that the handout for the Walmart Made in America Commitment addressed in the previous meeting was distributed to the sector council members for their review, and that Walmart is continuing in their efforts to increase manufacturing in the United States (as in Kent Bicycles, which is the first bicycle to be made in the United States in approximately 15 years). He further mentioned that UAS Drone Conference had moderate success, and in future, they will not plan it at a time that conflicts with the Manufacturing Day event.

Mr. Bacon also commented on the NCRC (National Career Readiness Certificate). He said that it appears that the bronze level certificate will not be sufficient to satisfy manufacturing employers, and he also mentioned that those familiar with the NCRC testing noted that individuals that attained the silver and gold level certificates are almost assured to find employment.

IX. Discussion/Possible Action – Update on the Pilot Program.....Ray Bacon

Mr. Bacon said that the contract for the Pilot Program is in place, and he and Mr. Costella will be having a meeting with provider, Debra Campbell regarding the 217 companies having over 40 employees, which need to be sorted further, and Ms. Campbell noted that she looks forward to meeting with him and working further together to meet the goals that have been set, and agreed to contact him offline.

X. For Possible Action –New Business and Future Agenda Items.....Ray Bacon

Suggestions for the new business and future agenda items mentioned in this meeting included:

- Company Profile – Ashima Devices
- Overview on Plant Management Techniques and Skills – Jim New

Mr. Bacon encouraged sector council members to contact Ryan Costella or himself with any other suggestions for future agenda items. He then proceeded to Item XI.

XI. The next meeting is scheduled to take place on Monday, December 1, 2014 at 10:00 a.m.....Ray Bacon

XII. Second Public Comment Session.....Ryan Costella

Members of the public may now comment on any matter or topic, which is relevant to or within the authority or jurisdiction of the Board. You may comment now even if you commented earlier; however, please do not simply repeat the same comment you previously made. Please clearly state and spell your name. Each comment may be limited to three (3) minutes.

Ray Bacon announced the Second Public Comment Session and invited members of the public to speak. Hearing no comments, Mr. Bacon said based on the response from the tours, he encouraged manufacturers to spend time in classrooms, as he himself will be doing.

Mr. Spangler commented that as a drone manufacturer is now located in Nevada, with a projected employment of 200+, the sector council could benefit from hearing the skill set needs of this company, and suggested that the head of this company, Ashima Devices, speak in the next sector council meeting. Hearing no further comments, Mr. Bacon moved to Agenda Item XIII.

XIII. Adjournment.....Ryan Costella

After concluding the Second Public Comment Session, Mr. Bacon adjourned the meeting at 10:59 a.m.

Agenda items may be taken out of order, combined for consideration by the public body, and/or pulled or removed from the agenda at any time. The Chair may continue this meeting from day-to-day. Pursuant to NRS 241.020, no action may be taken upon a matter raised during a period devoted to comments by the general public until the matter itself has been specifically included on an agenda as an item upon which action may be taken.

GOVERNOR’S WORKFORCE INVESTMENT BOARD
MANUFACTURING SECTOR COUNCIL

Ryan Costella (Chair), Ray Bacon (Vice Chair), Fredrick Stater, Leo Gobbo,
Commissioner Representative Denise Castle, Mike Skaggs, Councilwoman Gerri Schroder, David McElwain,
Terry Culp, George Gussak, Dana Ryan, Jim New, Dr. David Ching Lee, Gary Blosl,
Dr. Michael Spangler, David Steiger, Dasya Duckworth, Craig Laub, Dr. Haris Doumanidis, Chris Zunis,
Mark Rauenzahn, Commissioner Vida Keller,
Rich Reininger, Matt Versluis, Mehul Mehta

Notice: *Persons with disabilities who require special accommodations or assistance at the meeting should notify Coralie Peterson, DETR, Workforce Solutions Unit, between the hours of 8:00 a.m. through 5:00 p.m., in writing at 2800 E. St. Louis., Las Vegas, Nevada 89104; or call (702) 486-0523; or fax (702) 486-6426 on or before the close of business Friday, October 3, 2014.*

Notice of this meeting was posted at the following locations on or before 9:00 a.m. on the third working day before the meeting: DETR, 2800 E. St. Louis, Las Vegas, NV; DETR, 500 East Third St., Carson City, NV; DETR, 1325 Corporate Blvd., Reno NV; NEVADA JOBCONNECT, 3405 S. Maryland Parkway, Las Vegas, NV; NEVADA JOBCONNECT, 119 Water St., Henderson, NV; NEVADA JOBCONNECT, 2827 N. Las Vegas Blvd., North Las Vegas, NV; NEVADA JOBCONNECT, 1929 N. Carson St., Carson City, NV; NEVADA JOBCONNECT, 172 Sixth St., Elko, NV; NEVADA JOBCONNECT, 480 Campton St., Ely, NV; NEVADA JOBCONNECT, 121 Industrial Way, Fallon, NV; NEVADA JOBCONNECT, 475 W. Haskell, #1, Winnemucca, NV; NEVADA JOBCONNECT, 4001 S. Virginia St., Suite G, Reno, NV; NEVADA JOBCONNECT, 1675 E. Prater Way, Suite 103, Sparks, NV; GRANT SAWYER OFFICE BUILDING, 555 E. Washington Ave., Las Vegas, NV; LEGISLATIVE BUILDING, 401 S. Carson St., Carson City, NV; NEVADAWORKS 6490 S. McCarran Blvd., Building A, Unit 1., Reno, NV; WORKFORCE CONNECTIONS, 7251 W. Lake Mead Blvd., Las Vegas, NV. This agenda was also posted on DETR’s Web site at www.nvdetr.org. In addition, the agenda was mailed or e-mailed to groups and individuals as requested.