

Industry Members Meeting

March 18, 2010

10:00a.m. to 12:00p.m.

Holiday Inn Downtown Fresno

1. Welcoming and self introductions were made
Meeting was called to order at 10:05a.m. by Claude Laval

2. Presentations

How IBM assembles, maintains and develops the portfolios of businesses and technologies used.

IBM's Big Green Innovations Portfolio has four core areas; Advanced Water Management, Alternative Energy, Carbon Management and Computational Modeling. Many of IBM's Big Green Innovations are based on enhanced understanding of planetary and human systems, and their interactions. A big part of water management is improving information flow and use. IBM believes that water management today is in the wrong "tense". With process management in general there is a trend from reactive to predictive management – using real time data about the preconditions of events to enhance or prevent those events before they happen. IBM brings many skills and assets to water management and their presentation can be found at www.icwt.net or for more information visit www.ibm.com/technology/greeninnovations .

Soil Information and Considerations for Water and Nutrient Management: Assessing the Opportunities and the Risks?!

Soil and Topography Information, LLC uses a process called Soil Information System (SIS) to evaluate spatial variability of the soil and topography across the site. Smart sampling locations are identified for further analysis. A diver uses a hydraulic push system to push sensors into the soil at predetermined locations for detailed analysis. Software is used to analyze data from steps 1 and 2 and it identifies locations for collections of soil samples. A process is then used to transform data into over 60 physical and chemical soil properties. The data is delivered as "Soil Information Systems" soil maps. Once mapped the soil physical properties are relatively constant assuming you do not use major earth moving equipment. SIS can be used to help interpret NDVI images. SIS allows you to be proactive, NDVI images are used in a reactive manner. SIS information

becomes the basis for smart sampling protocols, fertilizer and other management decisions. A copy of their presentation can be found at www.icwt.net. For more information about this process or about Soil and Topography Information, LLC please visit their website at soilinfo.com.

The Case for Water Investing

Brennan Investment Partners LLC – Investing in Global Water Stocks

Several items make up the case for water investing such as; no economic substitute, low correlation to the market, scarcest commodity – remains absurdly undervalued, supply/demand – not available where it is needed most, most critical industrial input to the world's economy and the fundamental disconnect between water prices and the true cost of water. Since 1989 water prices have risen faster than oil with minimal volatility. U.S. water demand alone has tripled in 30 years while the population has only grown 50%. For much of the world, water has been underpriced, leading to overuse and waste. This will not be the case in the future. Massive investments will be deployed to ensure that nations can sustain growth without water bankruptcy. A copy of their presentation can be found at www.icwt.net. For more investment information go to www.brennaninvestment.com.

3. ICWT Announcements

- Water technology conference is scheduled for May 11th and 12th. ICWT is currently taking abstracts for potential breakout speakers. We have secured Pat Malroy as our lunch keynote speaker and are working on the other general session speakers. Exhibit and sponsorship information should be available online in the following weeks. Please visit www.icwt.net for more information.

4. Manufacturing Cluster Report/Update:

- The full Manufacturing Cluster is currently meeting quarterly at the EDC.
- The cluster has taken a focus of energy efficiency and renewable energy. At the last meeting, Paul Chamberlain from Power Spar Concentrated Solar/Energy Protection Systems, as well as Clyde Shaffer from PG&E presented cutting edge energy technologies and energy efficiency services.
- The next cluster meeting is scheduled for June 15, 2010 at the EDC. The cluster will have a representative from California Association for Local Economic Development (CALED) present IDB Financing and Cost Segregation. Also presenting at the next meeting will be Tim Bornemann from California Manufacturing Technologies Consulting.

- The cluster is in the process of creating a Steering Committee which will meet on a monthly basis. If anyone is interested in participating, please contact Kristen Fragoza at kfragoza@fresnoedc.com
 - Ray Dunn, the current cluster chair, will be transitioning the chair position to a new cluster member. The Steering Committee will discuss and select someone for the position by the end of this year.
 - The process for forming the Advanced Manufacturing Center is still ongoing. Don Austin, Faculty from the Department of Industrial Technology at California State University, Fresno has been hired to validate a feasibility study that was conducted at the beginning of the AMC process. Don Austin will be surveying local manufacturers for their input on service needs that the Center could provide. The validation should be completed by the end of summer 2010.
5. Food Processing Report/Update:
- Mission/Vision Statement has been completed and will be posted in the next RJJ report.
 - Internship program will begin shortly and “requisition forms” will go out very soon.
 - US – Algeria trade mission reception will be March 24, 2010 from 4:00pm to 6:00pm, we are looking to have more events like this and are working with our partners to find opportunities.
 - Workshop upcoming being put on by YSC with a grant funded by USDA.
 - Fresno Food Show postponed until March 2011, advisory board will begin meeting in April of 2010.
 - Membership goals are being established to increase participation and attract new active members.
 - Jordan College R&D Center 3 million dollar grant for the pilot plan did not come through. Options are being pursued to re-secure the grant.
 - Future meeting schedule will be upcoming.

Meeting was adjourned at 12:02p.m. by Claude Laval

