



2014 Sustainable Energy & Economy (SEE) Summit™



September 30, 2014

Driving Economic Growth through Greener Energy Pathways

Federal Reserve Bank of Chicago, Detroit Branch





America's sustainability leaders came together in Detroit for the inaugural Sustainable Energy & Economy (SEE) Summit, launched by Sustainable Value Alliance on September 30, 2014. Delegates represented senior executives from automotive, airlines, food, healthcare, construction, energy, banking and finance, real estate, technology companies and government agencies. Speakers were corporate and government leaders who have committed themselves to building national and global economy using cleaner and efficient energy pathways. As the SEE Summit speakers shared their knowledge and experiences, they inspired the audience with their success stories and realistic expectations of sustainable energy and economic development. The 2014 SEE Summit was sponsored by Worthington Energy Innovations and Invenergy.



Mr. George Karidis, Vice President, Corporate Engineer, Science & Technology, **Smith Group JJR**, shared some of the most advanced "Net Zero Energy Building Strategies". Green building strategies are critical to the development of a sustainable real estate infrastructure.

Ms. Marisa Buchanan, Vice President-Sustainable Finance, **JP Morgan Chase**, discussed Green Bonds and the growth of Green Bonds market. Green Bonds enable capital-raising and investment for new and existing projects with environmental benefit. The Climate Bonds Initiative forecasts \$100bn for the market in 2015.



Mr. John Martin, Senior Manager, Corporate Social Responsibility, **Hillshire Brands** emphasized that as energy is a critical factor of corporate growth and profitability, improved and clean energy performance targets should be collectively owned and met by different functional and business units of any corporation.





America’s “Energy Coach,” and the Chairman and CEO of **Worthington Energy Innovations (WEI)**, **Mr. Tom Kiser** delivered the keynote address. He spoke on “Energy Solutions and Profit Maximization,” and shared the key energy considerations that manufacturing companies should adopt to maximize profit. WEI, then Professional Supply, Inc., worked with Ford for more than two decades, and in the largest performance contract in Ford’s history, WEI took energy efficiency implementation to scale across more than a dozen plants – the project covered in excess of 25 million ft² of facility space. It financed \$93 million in project capital costs and Ford achieved more than \$350 million in savings over ten years.



President Obama signed an Executive Order in 2009 setting up sustainability goals for Federal agencies. **Dr. Ann Kalayil** (center), Great Lakes Regional Administrator, **US General Services Administration**, shared how GSA is committed to improving its environmental, energy and economic performance. As the federal government’s business manager and landlord, GSA assists other federal government agencies in carrying out their missions, including those related to sustainability.



In his presentation on “Smarter Buildings and Smarter Workplaces,” **Mr. Robert Best**, Executive Vice President, **Jones Lang LaSalle**, underscored today’s era is of smarter buildings driven by “machine-to-machine” and “internet of things” revolution. He shared research results that give evidence of higher employee productivity in green and smart energy performance buildings like the ones that offer improved lighting, daylighting and outdoor viewing, thermal ventilation and comfort, etc.



As companies set their renewable energy targets, what kind of renewable energy investment and financing strategies should they put in place? **Mr. Daniel Rosen**, Director of Structured Finance, **Siemens Government Technologies**, Inc., discussed the fundamentals of Commercial Scale Solar Energy Financing in the US.



Mahindra GenZe's Head of Consumer Engagement and Product Design, **Mr. Terry Duncan** showcased the design elements of the company's electric scooter. Mahindra GenZe is set to begin the production of its electric scooter in Ann Arbor, Michigan, from October onwards.

GM's Director of Sustainability, **Mr. David Tulauskas**, participated in a panel on the Business of Sustainable Energy and Economic Development. He shared his company's commitment to reducing its carbon footprint. Sustainability is not an add-on function in GM, he underscored. Instead, sustainability principles are ingrained in GM's business model: the company is committed to innovating and designing cars that have a lower environmental footprint and implementing green and efficient energy infrastructure. CDP has given GM a perfect 100 score and an A grade in their assessment of GM's efforts to reduce its carbon emissions and provide a transparent reporting of its performance.



Mr. Craig Gordon, Vice President, Sales and Marketing, **Invenergy** spoke on "Opportunities and Obstacles of Corporate Renewable Energy Purchasing". He shared that 60% of largest corporations in the US, including Wal-Mart, Google, Microsoft, Apple, Facebook and IKEA have made public their commitment to climate change mitigation and increasing their use of renewable energy.



Mr. Antonio R. Riley, the Mid-West Regional Administrator for the **US Housing and Urban Development (HUD)**, shared that energy costs associated with the operations of HUD-assisted properties are a major concern for the Department.



Mr. Skiles Boyd, Vice President, **DTE Energy** spoke on “Challenges of Developing Sustainable Energy Infrastructure of a State”. He shared DTE Energy's strategy for keeping electric and gas rates affordable while moving toward a cleaner generation mix, including the retirement of some coal-fired plants, and renewing the gas delivery infrastructure.

HUD spends around \$7 billion annually on various forms of utility assistance on various programs, including grants, multifamily housing, public housing, tenant-based vouchers and owner-paid utilities in assisted multifamily housing. One of the HUD's key priorities in addressing this financial burden is to promote energy strategies that decrease operational costs while reducing the negative impact of HUD-assisted buildings on the environment.



Mr. Matthew Gibb, Deputy County Executive, Economic Development and Community Affairs, Oakland County, Michigan spoke on how energy is a critical pillar of sustainable cities development.

Mr. Charles McGinnis, Senior Director-North America, Building Efficiency, **Johnson Controls** talked on Energy Performance Contracting and highlighted some of the ways in which corporations can manage complex energy efficiency projects in simple ways.



Senior ESG Analyst with **Bloomberg LP**, **Ms. Su Gao** shared how investors are demanding more transparent reporting of corporate environmental and social performance indicators, and scrutinizing the data to make more informed investment decisions. Environmental and social performance data reporting is also influencing competition and competitive dynamics in the industry.



United Airlines' Senior Environmental Strategy Manager, **Mr. Greg Kozak** highlighted his company's Ecoskies' mission. United Airlines has received the 2013 Eco-Aviation Airlines of the Year Gold Award from the Air Transport World Magazine for its transformational environmental sustainability leadership. From installing fuel-saving winglets on more than 330 mainline aircrafts, to committing to buy 220 new fuel efficient aircrafts through 2022, the company is driven to achieve a carbon neutral growth by 2020, and reduce its aviation CO₂ emissions by 50% based on 2005 levels by the year 2050.



Baxter International, Inc.'s Senior Director of Sustainability, **Dr. Ron Meissen** spoke on Corporate Strategies to Reduce Energy-related Greenhouse Gas Emissions. Since 2007, Baxter has maintained carbon neutrality at its US headquarters in Deerfield, Illinois, and its manufacturing facility in Cartago, Costa Rica, through electricity generated from certified renewable energy, carbon credits, and carbon offsets. In both cases, the company offsets facility-related emissions from purchased electricity as well as fuel combusted on site.



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For more information about the **SEE Summit in 2015**, please email: aarti@sustainablevaluealliance.org

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