



Sustainable manufacturer network

e-zine

Your guide to implementing green manufacturing practices

Feb. 21, 2014

Are your fingers hovering over your keyboard? Good! Then you're ready to register for the green industrial revolutionary event of the year! Registration is now open for our Sustainable Manufacturer & Water 2.0 Conference May 20-22 at the NIU Naperville (Chicago) Conference Center.

Seeking ways to reduce your energy use and manage energy in ways that cut costs? Divert waste from landfill and even monetize it? Conserve and manage water use optimally? If so, our conference is the place for you to be.

[REGISTER TODAY!](#)

**Sustainable Manufacturer Conference & Exhibits
May 20-21, 2014**

[REGISTER TODAY!](#)

**Water 2.0
May 21-22, 2014**

Manufacturers such as HARBEC™ Inc. will share their energy reduction and management strategies. HARBEC achieved carbon neutrality and generates energy on-site. ([Read](#) HARBEC's story in this issue.) Energy experts are poised to advise where to mine energy savings in your plant in lighting, air filtration, air compressors, HVAC, motors, and drives.

Trying to achieve zero landfill? Other manufacturers that have done so, like Crown Equipment Corp., will share their strategies with you, as will waste management consultants.

Want to seize technology opportunities to reduce your plant's water use, manage it better and cleaner, and understand what is happening in the water industry that affects your usage? GE will discuss the role of data and information technology in water management.

In addition, a slate of expert panelists will present on lean and green, energy efficiency, reimagining/repurposing energy,

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Meet Sue Max, EHS manager at Metcam and Sustainable Manufacturer Network board member.

renewables, energy from waste, water recovery, and more.

[Review the complete agenda for the Sustainable Manufacturer conference.](#)

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Designed to connect ecosavvy manufacturers and provide real-world problem-solving, this conference is the place to be for manufacturing sustainability directors, plant and operations managers, EHS managers, company presidents and vice presidents, engineers, procurement personnel, water managers, and others interested in learning best practices and strategies for implementing sustainability into their plants and operations.

Best of all, you'll be in the company of other eco-minded manufacturers like yourself.

It may benefit you to [join](#) the Sustainable Manufacturer Network first to capitalize on the huge discount toward the registration fee. Discounts are also offered on other conferences, workshops, and webinars scheduled throughout the year.

Registration Fees: SMN Member— \$395 / General — \$595
[Register](#) by March 14 to get an additional \$100 off conference registration.

Registration Fees: Water 2.0 \$250.00

Hope to meet you there!



[Kate Bachman](#),
Sustainable Manufacturer Network Editor

[Calendar of Events](#)

You know you cannot miss the Sustainable Manufacturer and Water 2.0 Conference in May!

WIN THE NUMBERS GAME.



Long Story Short

Visionary manufacturer champions carbon-neutrality

[Cogeneration, wind power sustainable manufacturing](#)



Components manufacturer HARBEC™ Inc., Ontario, N.Y., champions 'carbon-conscious' sustainable manufacturing. Company president Bob Bechtold installed a combined heat and power plant and wind energy to power the plant, as well as implemented energy efficiency into the plant and operations to achieve carbon-neutrality in 2013. He believes that sustainability nets substantial positive economic advantages, and that the management of carbon emissions may be the indicator of which businesses succeed or fail in the future.



PAID SPONSORSHIP



[LED Industrial Lighting: Common Myths and Facts](#)

LEDs have unique and compelling characteristics that make them ideal for industrial lighting applications. But there are a variety of misconceptions about LEDs, how well they work, how long they last, and more.

Environmental Updates

DOE launches new Superior Energy Performance website

The U.S. Department of Energy's (DOE) Technical Assistance division of the Advanced Manufacturing Office has a new website, Superior Energy Performance™ (SEP). SEP is a certification and recognition program for facilities that have incorporated superior energy management practices and sustained energy savings. The program uses ISO 50001, the international energy management standard that provides a framework for organizations looking to improve energy performance and efficiency, as well as ANSI/MSE 50021, a management standard for energy use. ([Read more](#))

Waiting game begins on the EPA's renewable fuel standard decision

The EPA has closed the comment period for the 2014 Renewable Fuel Standard (RFS) level. The proposed level for this year is 15.21 billion gallons, down from 2013's level of 16.55 billion gallons. While some groups are pleased with the reduction, others are not. ([Read more](#))

Senators propose bill in response to Elk River chemical spill

In response to the January 9 Elk River chemical spill in West Virginia, Sens. Joe Manchin, D-W.Va., Barbara Boxer, D-Calif., and Jay Rockefeller, D-W.Va., introduced the *Chemical Safety and Drinking Water Protection Act*. According to Sen. Manchin's website, the bill includes "common sense measures designed to ensure industrial facilities are properly inspected by state officials and both the chemical industry and emergency response agencies are prepared for future chemical incidents or emergencies." He writes that the key principles are as follows: ([Read more](#))



Greenovations

[LED high-bay fixture certified for indoor, outdoor applications](#)

[LED high bay suitable as metal halide, fluorescent replacement](#)

[Black-oxide process uses almost no rinse water](#)

[Delta M purECOgreen HVAC air filters are reusable, recyclable](#)

[Solar-powered light uses sensors to maximize battery life](#)

[High-bay LED fixture dissipates heat](#)

SPONSORED VIDEOS



Change the face of manufacturing. Get your message out to other companies looking for a more sustainable way of doing business by [advertising](#) on the new Sustainable Manufacturer Network website. Click [here](#) to see videos by some of our current sponsors.



Ecosavvy Newsmakers

[Hypertherm facility receives LEED Gold designation](#)

[Bridgestone Americas' Wilson facility receives UL Environment's Zero Waste to Landfill claim validation](#)

[AllEarth Renewables wins awards for solar tracker system](#)

[Metalloid expands into Texas](#)

[Atlanta environmental firm announces international expansion](#)

[SEIA rolls out new solar website](#)

[Bioplastics Council announces second annual Innovations in Bioplastics Award](#)

[Proposed photovoltaic assembly process receives U.S. Dept. of Energy award](#)

[IBM offers ENERGY STAR-certified servers](#)

[Flexsystems gains exclusive right to use corn-based, phthalate-free PVC material](#)

[Biodiesel industry celebrates record production, eyes federal policy during conference](#)

[TÜV Rheinland names director of competence center, wireless ICT](#)

[Taylor Guitars honored with U.S. State Department's Award for Corporate Excellence](#)

[ABB wins Zayed Future Energy Prize 2014](#)



Sign up in Seconds

Sustainable
manufacturer
conference & exhibits
May 20-21, 2014 | Naperville (Chicago), Ill.

Mark Your Calendar!

Member Spotlight

Sustainable Manufacturer Network board member Sue Max is the EHS manager at Metcam, a fabricator of precision sheet metal components and assemblies for original equipment manufacturers representing a variety of industries, including telecommunications, electronics, and HVAC. Metcam's advanced metalworking capabilities include laser cutting, punching, forming, hardware insertion, welding (including robotics), powder coating, silkscreen printing, and parts assembly. Located in the Southeast but serving customers internationally, Metcam maintains a consistent focus on quality, environmental management, and lean manufacturing.



Max received her master's degree in environmental health at the University of Minnesota. As a safety and environmental specialist working in manufacturing for the past 15 years in the Atlanta area, she has experience in regulatory compliance, risk reduction, and program management. With her background in quality and environmental management, she hopes to inspire her co-workers to embrace the goals of sustainable manufacturing.

Metcam maintains an established track record of continuous improvement through environmental initiatives. New and innovative technologies are sought out constantly to reduce and eliminate impacts stemming from manufacturing operations, including decreasing energy consumption, minimizing water usage, minimizing waste water generation, and mitigating the use of harmful chemicals. Metcam's experience demonstrates that there is a business case to be made for environmental sustainability based on direct cost savings, improved employee morale, and the long-term benefits of maintaining a robust environmental management system.

Max says that everyone at Metcam is a steward of the environment. Sustainability is not just the latest buzz word. Instead, it is an operational standard. Stakeholders include all tangents of operations from supplier to customer to community. Metcam believes everyone plays a role in its sustainable future.

In support of this philosophy, the company maintains an outreach program with its constituency and community and has participated in sustainability programs available through public and private institutions in support of its environmental initiatives.

Interested in volunteering? Contact [Sustainable Manufacturer Network](#) for more information about getting involved.

Calendar of Events

[MiaGreen Expo & Conference 2014](#)

Feb. 27-28, 2014
Miami Beach, Fla.

[International Biomass Conference & Expo](#)

March 24-24, 2014
Orlando, Fla.

[Sustainability in Packaging 2014](#)

March 5-7, 2014

[Sustainable Manufacturer Conference & Exhibits](#)

Orlando, Fla.

[Modex 2014](#)

March 17-20, 2014
Atlanta, Ga.

May 20-21, 2014
Naperville (Chicago), Ill.

[Water 2.0 Conference](#)

May 21-22, 2014
Naperville (Chicago), Ill.

...connecting and educating ecosavvy manufacturers

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