



You are invited to attend 2008 International Bioenergy Days

**PLUG
INTO
NATURE**

Congress Dates:
Sept 28-Oct 3, 2008

Main Venue:
Minnesota State
University, Mankato, USA

Study Tours:
Sites Throughout Minnesota

Presenting Sponsors:



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A BIT OF BACKGROUND

Why International Bioenergy Days?

U.S. Ambassador to Sweden Michael Wood has made expanding cooperation between the U.S. and Sweden in the area of alternative energy the focus of his tenure. His goal is to help achieve a technological breakthrough that will allow both countries to reduce dependence on fossil fuels while also achieving benefits for the global environment. In this pursuit, Ambassador Wood has worked hard to provide all possible assistance to establish formal cooperation and exchange between researchers, innovators, educators, business people, and venture capitalists. International Bioenergy Days is an important piece of this initiative.

This should not be surprising, as Sweden leads Europe and the world in both the production and use of bioenergy. West Sweden, the "Green Energy Belt," is home to more than 60 percent of Sweden's combustion technology companies, many leading agricultural firms, universities and research institutes, as well as the heart of Sweden's automobile industry. "Best practices" abound which demonstrate that it is possible to be profitable while using bioenergy as a raw material.

International Bioenergy Days began in Sweden as a way to bring people together to learn from "success stories" and the latest developments in the field. ÅFAB, a Swedish engineering company heavily involved in those events, was asked on numerous occasions to establish a recurring bioenergy conference that could alternate each year between the United States and Sweden, each time in a different location. Minnesota was chosen for the first U.S. presentation.

Although participation by key players from West Sweden and the United States is central to the program, involvement and support for the event is truly international. The impact of this partnership will be seen at International Bioenergy Days and beyond! Don't miss the chance to be part of this important effort.

A SPECIAL WELCOME TO OUR GUESTS

On behalf of the Planning Committee and all those who have worked to organize this Congress and the Study Tours, I would like to invite you to attend the first USA-located International Bioenergy Days in Minnesota. We are intentionally identifying Minnesota as the site because this is a traveling congress, not a traditional conference. You'll visit various locations around the state for convened educational sessions, exhibits, demonstrations of the world's newest clean technologies, as well as on-site tours of operating facilities.

Minnesota is extremely proud of its European heritage, work ethic, and commitment to the land and environment. Our state is noted for the bio-bountiful prairies of the South and Western regions, the majestic forests of the North and Eastern regions, and, most of all, the numerous bodies of water that identify us as the "Land of 10,000 Lakes."



For quite some time now, Minnesota has been one of the leading states in the U.S. in renewable energy fields. We have led in ethanol production, biodiesel and wind production. Minnesota was first to mandate using a blend of ethanol and biodiesel in every fueling pump and has the most E-85 fuel stations in the nation. The state also mandated several years ago that our largest power companies incorporate wind power into their power generation. There are now hundreds of wind turbines in the state's southwestern region known as the Buffalo Ridge. More recently, the State Legislature passed laws in its 2007 session requiring our state utilities to replace up to 30 percent of fossil fuel with a renewable alternative by 2025. Utilities must start this process in 2009 at 3 percent and slowly step up to a 30 percent reduction by that target date.

The entire vision of this conference is to unite us as continents, as manufacturers, and as environmental stewards to reduce the causes of global warming. We in the U.S. have been slow in coming to the table on this issue. This conference is completely committed to "From Know How to Show How Experience" through education sessions and Study Tours designed to present technology in action.

I would like to personally invite you to attend this conference and experience the beautiful early fall weather, the gorgeous colors of the season, the hustle of harvest, and the technology all around you.

A handwritten signature in cursive script that reads "Robert Ryan".

Robert Ryan
Conference Chairman
International Bioenergy Days 2008



CONFERENCE AT-A-GLANCE

Sunday, September 28, 2008

- 12- 3 PM University of Minnesota, St. Paul Campus:
• Gathering and Registration • Virtual Tours of the University's renewable energy research and facilities
• Trip with Commentary to Mankato (Depart at 3 PM)
- 4:30 Get Together at Minnesota State University, Mankato Campus:
• Exhibits Open • Networking Reception with Cash Bar
- 6:30 Kick-off Dinner (Featured Speakers: Minnesota Governor Tim Pawlenty (invited) and Arctic Explorer Will Steger)

Monday, September 29, 2008

- 8:15 AM General Assembly (Featured Speakers: Keith M. Curtis, Sr. Commercial Officer, U.S. Embassy Stockholm; Lars Roth, Second Secretary, Swedish Embassy, Washington, D.C.; Bengt-Erik Löfgren, CEO, ÅFAB Sweden; Dale Wahlstrom, CEO, BioBusiness Alliance of Minnesota)
- 10:15 Refreshment Break, Networking & Exhibits
- 11:00 General Assembly: "Pulling European and U.S. Markets Together" and Previews of Parallel Sessions
- 11:30 Spotlight on Sponsors*

12 NOON Lunch Buffet

- 1:00 PM **Series 1** **Biomass** **Renewable Alternatives** **Bioenergy In Construction**
(Choose One) • B1-1 Woody Biomass to Solid Fuels • RA1-1 Photovoltaics Cell & Thermal Solar for Heating Water & Pools Use • BC1-1 Small District Heating & Homes
• B1-2 Switchgrass/Hemp for Engine Fuel • RA1-2 Solar Electricity & Stirling Engines • BC1-2 Large Scale Heating & Power
- 2:15 **Series 2** **Biomass** **Renewable Alternatives** **Bioenergy In Construction**
(Choose One) • B2-1 Solid Fuels from Ag Residues & Ag Stover • RA2-1 Large Wind Projects • BC2-1 Industrial Boilers
• B2-2 Manures to Fuels • RA2-2 Geothermal Systems • BC2-2 Residential & Light Commercial
- 3:15 Refreshment Break, Networking & Exhibits
- 4:00 General Assembly: Summary of Insights from Parallel Sessions
- 4:30 Exhibits & Networking Reception with Cash Bar
- 6:30 Nobel Inspired Dinner (Featured Speaker: Arctic Explorer Will Steger)

Tuesday, September 30, 2008

- 8:00 AM General Assembly & Keynote Speakers: Focus on Policy Initiatives & Funding Mechanisms for Clean, Green and Renewable Technologies
- 9:45 Spotlight on Sponsors*
- 10:15 Refreshment Break, Networking & Exhibits
- 11:00 **Series 3** **Biomass** **Renewable Alternatives** **Bioenergy In Construction**
(Choose One) • B3-1 Upgrading Vehicle Fuel to Renewable Fuels • RA3-1 Methane Gas and Pyrolysis to Fuels • BC3-1 Woodchips: A Realistic Alternative to Fuels
• B3-2 Upgrading to Biodiesel and Black Liquor

12 NOON Lunch with Dessert Buffet in Exhibit Hall

- 1:30 PM **Concurrent Sessions of Capitalization of Projects** (Choose One)
• CP4-1 Biomass and Renewable Alternatives
• CP4-2 Bioenergy in Construction

- 2:30 Refreshment Break, Networking & Exhibits
- 3:00 Panel Discussion: Can Renewable Energy Stop Global Warming?
- 4:00 Introduction to Study Tours

EVENING Morgan Creek Vineyards and August Schell Brewing Company

Wednesday, October 1, 2008

- 8:00 AM Transport to Science Museum in St. Paul
- 9:30 Tour of Biomass District Energy in St. Paul
- 11:00 Brunch (closing of traditional conference)
- 12:30 PM Kick-off for Study Tours (continuing Thursday and Friday)

Exhibit Show Hours

- Sunday 4:30 to 6:30 PM
Monday 7:30 AM to 6:00 PM
Tuesday 7:30 AM to 4:00 PM

*Sponsor & Exhibitor presentations scheduled throughout the conference

DRAFT AGENDA

SESSION DESCRIPTIONS

General Assemblies – Highlights

- Global Warming: Tackling Energy and Climate Issues
 - Perspectives from an Arctic Explorer
 - Why Renewables?
 - Advances – Technologies, Policies, Strategies
 - Models – Sweden’s “One Big Thing,” Minnesota Initiatives
- Creating Market Partnerships Across Continents
- Can Bioenergy Stop Global Warming? Panel Discussion
- How to Be Carbon Negative & Create a Better Economy
 - Creating Green Jobs in a Green Economy
- Taking Advantage of the Alphabet Soup: Resources Available through IRETI, ÄFAB, DOE & more!

Concurrent Sessions

Series 1

Monday, September 29, 1:00 – 2:00 p.m. (Choose One)

Biomass

B1-1 Woody Biomass to Solid Fuels

A comprehensive look at the wood pellet, woodchips and sawdust industry in the United States today, moderated by the President of the Pellet Fuels Institute.

B1-2 Switchgrass/Hemp for Engine Fuel

This session looks at non-traditional crops for energy production using pyrolysis and gasification to convert to transportation fuels.

Renewable Alternatives

RA1-1 Photovoltaic Cells & Thermal Solar for Heating Water & Pool Use

Hear from industry leaders in their field how solar photovoltaic cell and thermal solar applications are used for heating water for domestic heating and for large water users such as swimming pools.

RA1-2 Solar Electricity & Stirling Engines

Presentations focus on the newest solar technology and electricity production through solar cells, as well as the future uses of Stirling engines.

Bioenergy in Construction

BC1-1 Small District Heating & Homes

Learn how European manufacturers have successfully used integrated small district heating systems for small businesses and homes, plus other green developments.

BC1-2 Large Scale Heating & Power

Hear from experts as they outline the use of biomass as an alternative to traditional fuel sources such as coal or natural gas. Discussion will also focus on integrating biomass into current fuel systems such as coal.

Series 2

Monday, September 29, 2:15 – 3:15 (Choose One)

Biomass

B2-1 Solid Fuels from Ag Residues & Ag Stover

Learn how agricultural residues and cereal grain waste are used as raw materials for making solid fuels such as pellets or briquettes.

B2-2 Manures to Fuels

Discover how producers in Sweden and the U.S. use animal waste as a fuel source to generate electricity or as transportation fuels.

Renewable Alternatives

RA2-1 Large Wind Projects

Focus of this session is on the difference between European and U.S. large wind generation systems.

RA2-2 Geothermal Systems

Become familiar with different methods for harvesting the earth's geothermal capabilities and explore their multiple uses.

Bioenergy in Construction

BC2-1 Industrial Boilers

Learn how biomass can be integrated as a fuel for large industrial boilers.

BC2-2 Residential & Light Commercial

This session covers integrating biomass as a fuel for new construction of residential and light commercial projects.

Series 3

Tuesday, September 30, 11:00 am – 12:00 Noon (Choose One)

Biomass

B3-1 Upgrading Vehicle Fuel to Renewable Fuels

The latest information on upgrading to fuels such as ethanol, biodiesel, and organic natural gas will be presented.

B3-2 Upgrading to Biodiesel and Black Liquor

This group will discuss using oil basic cereal crops and black liquor, and their conversion to biodiesel.

Renewable Alternatives

RA3-1 Methane Gas and Pyrolysis to Fuels

Experts from around the world share how woody forest waste can be converted into diesel fuel and how methane gas can be used for bus fuel.

Bioenergy in Construction

BC3-1 Woodchips: A Realistic Alternative

Listen to European professionals talk about why this makes sense as a fuel source in home and industry.

**PLUG INTO NATURE**

FEATURED SPEAKERS

(Partial Listing)



The Honorable
Tim Pawlenty

Governor of Minnesota

After graduating from the University of Minnesota Law School and practicing law in the private sector, Governor Pawlenty began an extensive public service career. He held positions as a criminal prosecutor, Eagan City Councilmember, and a ten-year member of the Minnesota House of Representatives (including four years as House Majority Leader) before his election as Minnesota's Governor in 2002. In the 2007 legislative session, the Minnesota legislature adopted Governor Pawlenty's Next Generation Energy Initiative on a strong bipartisan basis, enacting the nation's most aggressive renewable energy standard, doubling Minnesota's commitment to energy efficiency and setting among the most far-reaching greenhouse gas reduction goals in the nation. More recently, Governor Pawlenty is advancing additional progress on energy efficiency, renewable energy, and climate strategies as chair of the National Governors Association, and as co-chair of the Midwestern Governors Association's Energy Security and Climate Stewardship Initiative. In January 2008, he created the Governor's Clean Energy Technology Collaborative and the Minnesota Office of Energy Security.



Lars Roth

*Second Secretary, Swedish Embassy
in Washington DC, USA*

Lars has his Master's Degree in Economics from Linköping University. He has studied in Norway, Australia and the Philippines. He worked at the National Swedish Protection Board from 2001-2004 where he worked on the development of the LIP and Klimp programs. Lars was with the Department of the Environment from 2004-2008 with focus on energy streamlining in buildings and other construction and energy related issues. Mr. Roth has been the Second Secretary at the Swedish Embassy in Washington since February 2008 with a focus on energy and climate issues.



Will Steger

*Polar Explorer, Educator, Environmental
Ambassador, Writer and Photographer*

Will Steger is a formidable voice calling for understanding and the preservation of the Arctic, and the Earth. Best known for his legendary polar exploration, Steger has traveled tens of thousands of miles by kayak and dogsled over 40 years, leading teams on some of the most significant polar expeditions in history. But what distinguishes Will Steger is his tireless conviction to take his eyewitness accounts and experiences from these explorations and share them with others, in order to better themselves and the environment.



Bengt-Erik Löfgren

President and CEO, ÄFAB

Bengt-Erik Löfgren has been President and CEO of ÄFAB since 1984. He took his Master Examination at the Swedish Rescue Services Agency in 1975. He is a current member of CEN/TC 57/WG 7. Bengt-Erik sat on SVEBIO's board (Swedish Bioenergy Association) from 1986-2004, and was on the Swedish Society for Nature Conservation from 1974-1978. Mr. Löfgren has also completed a number of courses from SIFU about ventilating engineering, energy saving and combustion techniques.



Christoph Steiner

*Research Associate, Biorefining and Carbon
Cycling Program, University of Georgia*

Dr. Christoph Steiner joined the Biorefining and Carbon Cycling Program at the University of Georgia in January 2008. For over four years he was working on the recreation of Terra Preta soil in the Brazilian Amazon, focusing on the use of charcoal (biochar) as soil amendment. Among other contributions, he described slash and char as an alternative to slash and burn, thus transferring an easily decomposable biomass into refractory soil organic matter pools, with important implications to mitigation of climate change and sustaining soil fertility in the humid tropics. Over the past few years Steiner investigated the global potential of charcoal carbon sequestration and this brought him to the Biorefining and Charbon Cycling Program. Crop and animal residue biomass represents a considerable problem as well as presenting new challenges and opportunities. Christoph Steiner has established national and international collaborative links in this area.

FACULTY

(Partial Listing*)

Thomas Adams, Public Service Associate, Engineering Outreach Coordinator, University of Georgia

Ryan Adolphson, Director, Engineering Outreach Service, University of Georgia

Sven-Olof Bernhoff, CEO, Skånefrö AB

Rolf Birketvedt, CEO, Matene a.s, Norway

John Brady, Mayor, City of Mankato, Minnesota

Robert Brown, Director, Bioeconomy Institute, Director, Center for Sustainable Environmental Technologies and Professor of Engineering, Iowa State University

Keith Curtis, Senior Commercial Officer, US Embassy, Stockholm

Richard Davenport, President, Minnesota State University—Mankato

T. Mike Davis, Attorney, Scandia-Germania-Davis, PLLC, St. Paul, Minnesota

Alan Doering Sr., Associate Scientist – Co-Products, Agricultural Utilization Research Institute, Waseca, Minnesota

Robert Elde, Dean, College of Biological Sciences, University of Minnesota

Johannes Falk, Executive Vice President & Director of Information and Investor Relations, Morphic Technologies AB, Sweden

Roland O. Fjallstrom, President and CEO, Envio Energi LLC, Cleveland, Georgia

John Frey, Director of Strategic Partnerships, Minnesota State University—Mankato

Lars Guldbrand, Expert, Swedish Energy Agency (invited)

Hans Gulliksson, Managing Director, Energy Agency, Southeast Sweden

Hema Gunasakaran, Vice President, Clean Tech Banking, Piper Jaffray

Pradeep Haldar, Professor & Head of NanoEngineering and Director of the Energy and Environmental Technology Applications Center, State University of New York at Albany

Michael Harris, Provost and Vice President for Academic Affairs, Professor of Public Policy, Kettering University

Robert Ingvarsson, CEO, Janfire AB

Barbara Johnson, President, Minneapolis City Council

Greg Langmo, Fuel Manager, Fibrominn

Lars Larsson, Manager, Stirling Department, Kockums, Sweden

Bill Lee, General Manager, Chippewa Valley Ethanol Company, LLC, Benson, Minnesota

Mattias Lindgren, Export Director, Swebo Bioenergy Company

Bengt-Erik Löfgren, CEO, ÄFAB Sweden

Marion Mast, Chairman, Earthtech Energy

Erik Monge, Manager, Elkhorn Industries, Superior, Wisconsin

Chuck Neece, Director, FUMPA BioFuels

Lars Norrman, Marketing and Sales Manager, Ageratec

Governor Tim Pawlenty, State of Minnesota (invited)

Thomas Reidarsson, Development Manager, Aquasol Solvärmesystem AB, Sweden (invited)

Lars Roth, Second Secretary, Swedish Embassy, Washington, D.C.

Robert Ryan, President, Sunrise Agra Fuels

Anders Rydaker, President & CEO, District Energy St. Paul

Christoph Steiner, Research Associate, Department of Biological and Agricultural Engineering, Biorefining and Carbon Cycling Program, University of Georgia

Will Steger, World-renowned Arctic Explorer

Larry Svitah, President, EDI, Minneapolis

Manuel Swärd, Business Development Director, Renewable Energy Division, Opcon AB, Sweden

Dennis Timmerman, Project Development Director, Agricultural Utilization Research Institute

Jim Turnure, Manager, Environmental Policy, Xcel Energy

Peter Undén, Managing Director, Swedish Biogas International

Richard Waybright, Owner, Mason Dixon Dairy

Steven J. Walker, President, New England Wood Pellet, Inc.

Dale Wahlstrom, CEO, BioBusiness Alliance of Minnesota

Per Wennerberg, Export Coordinator, Ecoex Sweden

Ola Wiman, Co-Owner, GOTFire AB, Sweden

Gary Zellmer, Mayor, City of North Mankato, Minnesota

*Subject to change. Check www.bioenergydays.com for updates.

PLUG INTO NATURE



STUDY TOURS

Your Experience Will Be Greatly Enhanced By Taking One Of These Four Study Tours!

Advance Registration and Additional Fee Required. Sign Up On Bioenergy Days Registration Form.

Itineraries for these tours are designed to showcase a wide variety of innovative bioenergy activities and initiatives underway in Minnesota. The descriptions below give a favor of each; details are in the process of being finalized and will be posted on www.bioenergydays.com.

Note: Some sites are included in more than one tour.

Southeast Minnesota Study Tour (1 1/2 Days)

You'll wind through Minnesota prairies and farm land, scenic bluff country with splendid vistas, an historic river town on the Mississippi, a cultural center & much more. In fact, there will be nine stops from the time you leave the Mankato campus until you arrive at your final destination at the University of Minnesota St. Paul campus. Visit a plant specializing in value-added ethanol production, a solar glass company, a steel and wind farm, a hearth technology company, and tour District Energy St. Paul, North America's largest combined heat and power biomass-fuelled district energy system. See what's happening at the Agricultural Research Utilization Institute, a unique and innovative nonprofit that acts as the research and development arm for Minnesota agriculture. Stay overnight in Rochester, a city called the "best small city in America" by a national magazine and home of the world-famous Mayo Clinic.

Timeframe: Leaves from Minnesota State University--Mankato Wednesday morning, October 1 and ends at the University of Minnesota St. Paul on Thursday afternoon, October 2 at 4:00 p.m. **Fee:** \$195/person; includes luxury motor coach transportation with commentary, all meals, site tours, and one night's hotel lodging.

Southwest Minnesota Study Tour (1 1/2 Days)

This agricultural area of the state is rich in bioenergy operations of all types. You'll have the chance to see in action companies that produce biodiesel and specialized soybean processing, ethanol and ethanol products, biomass stoves and fireplaces, wind generator blades, corn stoves, and convert poultry waste to power. One of the highlights will be visiting the towers of the largest wind farm in the United States. Located on Buffalo Ridge, it draws tourists and scientists from around the world. For your overnight stay, you'll be welcomed at Minnesota's Newest Casino Resort, owned and operated by the Upper Sioux Community. Besides taking advantage of this opportunity to learn about North American Indian history, you might just want to want to try out some of the 750 newest video slots, blackjack, live poker, or Vegas Star Roulette.

Timeframe: Leaves from Minnesota State University--Mankato Wednesday morning, October 1 and ends at the University of Minnesota St. Paul on Thursday afternoon, October 2 at 4:30 p.m. **Fee:** \$195/person; includes luxury motor coach transportation with commentary, all meals, site tours, and one night's hotel lodging.

North & West Minnesota Study Tour (2 1/2 Days)

You'll head north from the conference-ending brunch and district energy tour for three stops—a dairy farm that has developed an anaerobic digester system featured on PBS' NewsHour, a company that produces biodiesel and specialized soybean processing, and the Central Minnesota Ethanol Coop, the most northern ethanol plant in the state. After an overnight in the popular central city of St. Cloud, participants will journey west to visit companies creating solar panels, power from poultry waste and solar systems. A special highlight will be the chance to learn about the green campus initiatives of the University of Minnesota Morris. You'll see the first large-scale wind research turbine constructed at an U.S. public university and the on-campus biomass reactor which serves 80 percent of campus heating and cooling needs, but also acts as a demonstration and research facility. Your travels will take you past some of Minnesota's 13,000 lakes, and through the area where the Ice Pack stopped and the glacier melted. The second overnight will be at Minnesota's newest casino resort in Granite Falls, owned and operated by the Upper Sioux Community. You can learn about American Indian culture and try out gaming options from video slots to blackjack. The final day features visits to the largest green energy design-builder in the United States (a family-owned company) as well as to companies manufacturing wind turbine systems and ag fuel pellets.

Timeframe: Leaves from Downtown St. Paul at conclusion of conference on Wednesday morning, October 1 and ends at the University of Minnesota St. Paul on Friday afternoon, October 3 at 4:00 p.m. **Fee:** \$295/person; includes luxury motor coach transportation with commentary, all meals, site tours, and two nights' hotel lodging.

Northeast Minnesota Study Tour (2 1/2 Days)

On this tour the featured technology will be woody biomass, used in different industrial and commercial operations. For example, you'll visit Minnesota Power and the Virginia Department of Public Utilities, each of which uses biomass burners to produce steam for power. A stop at Itasca Community College will focus on its wood pellet heating system. Your journey through beautiful forest country also includes time at the Natural Resources Research Institute with its Northern Lights Technology Center rapid prototype lab and Ironworld Discovery Center, which showcases the history and cultural heritage of Minnesota's iron mining industry. In addition, this itinerary takes you through some agricultural areas with a chance to visit a dairy farm with an anaerobic digester system and an ethanol coop, as well as small town manufacturers of corn burning appliances and solar glass. Travel highlights will be an overnight stay in Duluth with its magnificent setting on Lake Superior (the world's largest lake) and special entertainment activities, and a second overnight at a new hotel, event center and water park in Grand Rapids.

Timeframe: Leaves from Minnesota State University--Mankato early Wednesday morning and makes a stop in Faribault before joining the total group for the final conference brunch & tour of District Energy in downtown St. Paul. It ends at the University of Minnesota St. Paul on Friday afternoon, October 3 at 3:30 p.m. **Fee:** \$295/person; includes luxury motor coach transportation with commentary, all meals, site tours, and two nights' hotel lodging.



PURPOSE & SPECIAL HIGHLIGHTS

Purpose -- Education & Learning

International Bioenergy Days is designed to serve as both a forum for education and learning and a door opener into the U.S. for advanced Swedish bioenergy technology and know-how. In the other direction, it enables American technology and know-how to find an easy way into Sweden and Swedish research, education, and business circles. Unlike other bioenergy conferences, which often exist solely as tradeshow and exhibitions, this event is built on the concept of teaching about and showing successful and established projects and technology where, as participants, both experts and end users can learn from each other and actually meet. This is important. Participants have the opportunity to cement contacts within a world-wide market between the planet's leading clean tech companies, where fuels and other sources of bioenergy (and actual products associated with the bioenergy branch) can be learned about and spotlighted.

Purpose -- Business and Networking

This event also serves as a business to business forum where possibilities for cross-border trade and job creation can become better understood and promoted. Since a large number of the participants are decision makers from the Nordic countries and the U.S., the event can even serve as a great place to learn from and network among one's own countrymen and women.

Thanks to this arrangement, the attendee is guaranteed the opportunity to reach out to new target groups far outside of one's normal circles that can serve as sources of cutting-edge complementary information and business opportunities. Fellow attendees can provide you with contacts into Europe, the Baltic States, Russia, Latin America and Asia.

Other purposes identified by the project group include:

- Highlight the driving force of entrepreneurship
- Encourage new ways of thinking and innovation
 - Create long-term alliances
- Attract and promote opportunities for direct investments and venture capital
 - Increase import and export
- Strengthen the competencies of small and medium-sized companies
 - Strengthen the international consciousness in all regions
- Enable valuable benchmarking between counties, organizations, and companies
 - Bring media attention to bioenergy options and bioenergy companies

Special Highlights

Sunday Afternoon Virtual Tours

Your first event of International Bioenergy Days can begin right after you arrive for registration at the University of Minnesota St. Paul Campus! Leaders of the Initiative for Renewable Energy and the Environment will present virtual tours of the renewable energy research and facilities at the University of Minnesota. Join us at noon, 1:00 p.m. or 2:00 p.m. for presentations plus time for questions.

Tuesday Evening Dinner and Networking

Conference attendees will be able to experience two unique sites in Southern Minnesota—August Schell Brewery Company and Morgan Creek Vineyards. Located on the banks of the Cottonwood River, the Brewery has been run by members of the Schell family for over 140 years. In addition to a production tour, visitors will be able to wander through the deer park, formal gardens, family mansion and the hospitality complex. You might even catch a glance of the permanent peacock population! The Morgan Creek Vineyards is truly a Minnesota gem with European style hospitality. Guests will be treated to live musical entertainment as they sample from a wide variety of vintages. Besides enjoying the beautiful surroundings, participants will be able to join small group discussions on specific topics with others who have similar interests. These will be facilitated by experts who have presented at various conference sessions.

Wednesday Morning Tour in St. Paul

What's Red Hot, Cool, and Green™? The answer: District Energy St. Paul. This power plant on St. Paul's riverfront is actually three plants in one: an electrical plant, a heating plant, and a cooling plant. Its primary fuel is a renewable, local resource—clean, urban wood waste. This means less pollution, a significantly-reduced reliance on fossil fuels, and more affordable energy for the community. Visit District Energy St. Paul and learn why President George W. Bush called the company "a model of energy efficiency, diversity, and affordability." The conference will conclude with a brunch at the beautiful Science Museum of Minnesota, located on the banks of the Mississippi River in St. Paul. Known worldwide for its interactive exhibits, dynamic traveling exhibitions and internationally distributed large format films, its programs include research and public collections, a public science and computer education center, teacher education and school outreach programs.



District Energy St. Paul



PLUG INTO MINNESOTA



The Land of Ten Thousand Lakes

Minnesota is known as the Land of Ten Thousand Lakes. Minnesota borders Lake Superior, the largest of the Great Lakes and the largest body of freshwater in the world. Northern Minnesota is home to Bemidji, an old logging center with a historic downtown and a place in its heritage for the legendary lumberjack Paul Bunyan. Southern Minnesota boasts lush farmland on the edge of the Great Plains and the world famous Mayo Clinic located in Rochester. The Twin Cities – Minneapolis and St. Paul, Minnesota’s capital– are vibrant and alive with the cultural arts and professional sports. The large metro area, separated by the Mississippi River, has more theatres, dance companies and concert venues per person than anywhere in the U.S., excluding New York City. America’s largest shopping center, the Mall of America, is located in Bloomington, and features an amusement park, 520 shops and 14 theatres.

Minneapolis/ St. Paul Hotel Accommodations & Car Rental

Planning to arrive in Minnesota early or stay late? The City of Bloomington (Minneapolis St. Paul International Airport site) has a variety of overnight accommodations available.

Here are several suggestions—all of which provide an airport shuttle:

- Cambria Suites; 952-854-0300; www.cambriasuites.com
- Embassy Suites; 952-884-4811; www.embassysuites.com
- Airport Marriott; 952-854-7441; www.marriott.com

By the way, these are all located near the famous Mall of America, the nation’s largest retail and entertainment center and definitely worth a visit! Take a peek at what it offers at www.mallofamerica.com

For other lodging or rental car information, please feel free to contact the Bloomington Convention and Visitors Bureau at 1-800-346-4289 or email them at: info@bloomingtonmn.org

Mankato Overnight Lodging

Overnight lodging in Mankato is not included in the overall conference registration fee. Registrants must make their own reservations directly with their chosen hotel. See the separate section in this brochure for a list of hotels with costs, available amenities and contact information. Free shuttle service will be provided during the conference to/from the five listed hotels. Registrants choosing to stay at other Mankato hotels will be responsible for arranging transportation to/from Minnesota State University-Mankato. **Note: Overnight lodging is included in the registration fees for all of the Wednesday-Friday Study Tours.**

Climate

The average temperature in Minnesota in late September and early October is 73 degrees Fahrenheit for daily highs and 50 degrees Fahrenheit for evening lows. Warm days can become cool evenings quickly in September so conference attendees are encouraged to dress appropriately in business casual attire.

Ground Shuttle Service

The 2008 International Bioenergy Days conference begins at the University of Minnesota- St. Paul Campus on Sunday, September 28. Attendees should arrive at the Campus (Continuing Education Center, 1890 Buford Avenue, St. Paul, Minnesota) between 12:00 noon and 2:30 p.m. for facility tours and preliminary check-in. Luxury motor coaches will depart for Mankato at 3:00 p.m. The same coaches will then transport conference attendees back to St. Paul on Wednesday, October 1. Free parking is available at the campus for the duration of the conference. Conference attendees not driving to the University must arrange their own transportation to the University in order to take advantage of this shuttle service.

GENERAL INFORMATION

Registration Process

Register on line at www.bioenergydays.com or by completing and returning the registration form included in this brochure. Registration fees for both conference and study tours are payable with registration via credit card or check. All conference registrations must be received by **Monday, September 15, 2008. Space is limited so participants are encouraged to register early!** Registrants will receive an electronic confirmation within one week of receipt of their registration form.

Language

English will be the official language of the conference. Minnesota State University-Mankato has an International Student Center that may be utilized by conference attendees as needed.

Special Needs

Conference organizers are committed to meeting the special needs of conference attendees to the best of their abilities. Indication of any such needs (i.e. dietary restrictions, special access) should be made on the registration. **All such requests must be received by Monday, September 1, 2008.** All meeting space in Mankato is accessible to persons with disabilities and designated as non-smoking.

Cancellations/ Refunds

Fees will be refunded (less a \$50 service fee) only if cancellation notification is received by **Monday, September 15, 2008.** If you do not cancel your registration and do not attend, you are responsible for payment of the entire applicable fee(s).

Registration Fees

Registration fee for the Sunday-Wednesday conference is:

Early Bird \$645/person (deadline August 15, 2008)
and Regular \$700/person (received after August 15, 2008).

Included in these fees are:

- Shuttle transportation (with free vehicle parking) from the University of Minnesota St. Paul campus to Mankato on Sunday and return on Wednesday
 - Sunday reception and dinner
 - Three meals/day on Monday and Tuesday
- General Assemblies & Concurrent Sessions on Monday and Tuesday
 - Admittance to Exhibits on Sunday, Monday and Tuesday
 - St. Paul District Energy tour and brunch on Wednesday

Note: The fees for study tours (Wednesday to Friday) are \$295/person for 2 1/2 days tours and \$195 for 1 1/2 days tours. Included in these fees are bus transportation, overnight lodging and meals.

Program Updates/ Registrant Questions

Watch for conference updates on the website (www.bioenergydays.com). Registrant questions should be directed to:

Registration

Minnesota State University-Mankato, Cynthia Hanson,
507-389-5567 or cynthia.hanson@mnsu.edu

Overnight Lodging

Mankato Convention & Visitors Bureau, Beth Bachtle,
507-385-6661 or bbachtle@greatermankato.com

Study Tours

Government Training Services, Carol Schoeneck,
651-222-7409, x205 or cschoeneck@mngts.org

Program Questions or Other Issues

United States: Helene Johnson,
Government Training Services,
651-222-7409, x206, or hjohnson@mngts.org

Bob Ryan, Conference Chair, Bioenergy Days,
612-708-0361 or robert@bioenergydays.com

Europe: Sofia Wretler,
+46 (0) 510-262-35 or sofia@bioenergydays.com

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OVERNIGHT HOTEL ACCOMMODATIONS IN MANKATO

The cost of overnight lodging in Mankato, Minnesota **is not included in the conference registration fee.** Registrants must make their own reservations directly with their chosen hotel (see below). Room blocks at all hotels will be released Friday, August 29, with any remaining rooms available at prevailing rates. **NOTE: All hotels will require a valid United States credit card when confirming your registration form, so please have it available when you contact them!**

Rooms are available at the following five hotels (free shuttle service will be provided to/from Minnesota State University-Mankato). Rates quoted below are in U.S. dollars. **To obtain these greatly reduced rates, you must indicate you are attending this event!**



Best Western (\$74.99/ night)

Special Amenities: Free continental breakfast, largest indoor pool in Mankato area, whirlpool, sauna & game room, full service restaurant & lounge, refrigerators in all rooms and free High Speed Internet. Contact Information: 1111 Range Street North, Mankato, Minnesota 56003, 507-625-9333, www.bestwestern.com



AmericInn & Suites (\$79.99/ night)

Special Amenities: Free continental breakfast, indoor pool, spa, on-site workout facilities and Free High speed Internet. NOTE: Located immediately adjacent to Minnesota State University--Mankato campus. Contact Information: 240 Stadium Road, Mankato, Minnesota 56001, 507-345-8011 or 1-800-634-3444, www.americinnmankato.com



Hilton Garden Inn (\$99.00/ night)

Special Amenities: Indoor pool & whirlpool, workout facility, free enclosed parking, full-service restaurant, 24-hour business center, refrigerator & microwave in all rooms, self-adjusting Garden Sleep System beds and free High Speed Internet. Contact Information: 20 Civic Center Plaza, Mankato, Minnesota 56001, 507-344-1111, www.mankatodowntown.staygi.com



Country Inn & Suites (\$89.00/ night)

Special Amenities: Free continental breakfast, indoor pool, fitness center, connected to full-service restaurant, and refrigerators/microwaves in all rooms. Contact Information: 1900 Premier Drive, Mankato, Minnesota 56001, 507-388-8555 or 1-800-456-4000, www.countryinns.com/mankatomn



Holiday Inn Civic Center (\$89.99/ night)

Special Amenities: Free covered parking, indoor pool, whirlpool & sauna, gym & game room, and free DSL and wireless Internet. Contact Information: 101 East Main Street, Mankato, Minnesota 56001, 507-345-1234 or 1-800-HOLIDAY www.holiday-inn.com/mankatomn



All questions regarding overnight lodging in Mankato should be directed to:

Beth Bachtle, Convention Sales Manager
Greater Mankato Convention & Visitors Bureau
One Civic Center Plaza, Suite 200, Mankato, Minnesota 56001,
1-507-385-6661 (direct) or 1-800-657-4733 (general)
bbachtle@greatermankato.com; www.greatermankato.com

PLUG INTO MANKATO



Host Institution: Minnesota State University, Mankato

Discover the meaning of “Minnesota”-right here, right now, in Greater Mankato

Our unique history is preserved in many registered historic sites, where informed citizens bring them to life. Our natural setting, our colleges, and the significant talent of our residents combine to support a thriving fine arts community. There’s music to suit any preference, theatre on community and collegiate stages, and galleries full of work by local and widely-known artists. Also, lying amidst Minnesota’s famed waters and woodlands, Greater Mankato offers an easy escape to hiking/biking trails, golf courses, and all the things you can do “at the lake.” The weather is great – spring, summer and fall.

A little Twin Cities. A lot Minnesota.

PLUG INTO EXHIBITS & PRODUCTS

Visit with exhibitors to learn new and innovative ways to make bioenergy work for you and with you. A wealth of resources from around the globe will be gathered in one place. We will have areas designated specially for International Exhibitors, large equipment demonstrations outside, spectacular food and entertainment to keep you coming back for more. Silent auctions and door prizes will make the exhibit area a great place to be.

Show Hours

Sunday 4:30 – 6:30 PM
Monday 7:30 AM to 6:00 PM
Tuesday 7:30 AM to 4:00 PM

Vendor Presentations & Demonstrations

Sponsor and Exhibitor presentations will be scheduled in the auditorium throughout the conference, offering the opportunity to gain more in-depth information about specific products. Arrangements have been made to showcase and demonstrate large equipment in the mall area of the campus.

Moving from “Know How to Show How”

Check out these featured products and their practical applications:

- The newest technologies in solid fuels for thermal applications using woody biomass and agricultural residues as fuel
- Using algae growth, municipal solid waste, animal waste, municipal sewage to fuel digesters; thereby producing natural gas for home heating and cooling and car fuel
 - Advancements in large wind, solar and geothermal projects
- Converting woody and other biowaste into many types of chemicals, plastics and fuels such as diesel and ethanol
 - Byproducts of renewable fuels such as char for soil amenities and ash for fertilizer

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2008 INTERNATIONAL BIOENERGY DAYS CONFERENCE

Conference Registration Form

ON-LINE REGISTRATION AT WWW.BIOENERGYDAYS.COM IS STRONGLY ENCOURAGED!

Special Note: To facilitate post-event communications and networking, registrant contact information will be shared with attendees & event sponsors after the conference. Participants will be provided with an on-site opportunity to have their information deleted from all such sharing!

First Name:

Last Name:

Name on Nametag (if different from above): _____

Company/Organization: _____

Title: _____

Street Address: _____

City: _____

State: _____

Country: _____

Zip Code: _____

Email address: _____

Phone Number: (____) _____

Note: Conference attendees providing an email address will receive an electronic confirmation of their registration within one week of receipt and periodic conference updates as warranted!

Registration Options (check all that apply)

- "Early Bird" Conference (\$645/person)—Must be received by August 15, 2008
- "Regular" Conference (\$700/person)—If received after August 15, 2008
- 2 1/2 Days Northeast Study Tour (\$295/person)
- 2 1/2 Days North & West Study Tour (\$295/person)
- 1 1/2 Days Southwest Study Tour (\$195/person)
- 1 1/2 Days Southeast Study Tour (\$195/person)

Overnight Lodging

While overnight lodging in Mankato, Minnesota **is not included in conference registration**, free shuttle service will be provided from the five hotels at which a room block is being held. So that your needs can be anticipated, please indicate below at which hotel you have your reservation!

- AmericInn & Suites
- Best Western
- Country Inn & Suites
- Hilton Garden Inn
- Holiday Inn Civic Center

To assist in assigning sessions to appropriately-sized rooms, please indicate below which you plan to attend during the conference:

Series 1 (Monday, 1:00-2:00 p.m.) Choose One

- B1-1 Woody Biomass to Solid Fuels
- B1-2 Switchgrass/Hemp for Engine Fuel
- RA1-1 Photovoltaic Cells & Thermal Solar for Heating Water & Pools Use
- RA1-2 Solar Electricity & Stirling Engines
- BC1-1 Small District Heating & Homes
- BC1-2 Large Scale Heating & Power

Series 2 (Monday, 2:15-3:15 p.m.) Choose One

- B2-1 Solid Fuels from Ag Residues & Ag Stover
- B2-2 Manures to Fuels
- RA2-1 Large Wind Projects
- RA2-2 Geothermal Systems
- BC2-1 Industrial Boilers
- BC2-2 Residential & Light Commercial

Series 3 (Tuesday, 11:00-12:00 p.m.) Choose One

- B3-1 Upgrading Vehicle Fuel to Renewable Fuels
- B3-2 Upgrading to Biodiesel and Black Liquor
- RA3-1 Methane Gas and Pyrolysis to Fuels
- BC3-1 Woodchips: A Realistic Alternative

Concurrent Sessions of Capitalization of Projects

(Tuesday, 1:30-2:30 p.m.) Choose One

- CP4-1 Biomass and Renewable Alternatives
- CP4-2 Bioenergy in Construction

Registration Instructions

NOTE: All registrations must be received by Monday, September 15, 2008!

- On-Line at: www.bioenergydays.com
- Mail to: 2008 International Bioenergy Days, Minnesota State University-Mankato, c/o Cynthia Hanson, Strategic Business Partnerships, 329 Wigley Administration Center, Mankato, Minnesota 56001, USA
- Fax to Minnesota State University-Mankato at: 507-389-5588

Payment Options

- Check is enclosed (payable to Minnesota State University-Mankato)
Check #: _____ in the amount of: \$ _____
- Payment by credit card (circle one: VISA, Mastercard, Discover)
Card Number: _____
Exp. Date: _____
Card Security Code (3-digit code on back): _____
Name of credit card holder: _____
Email (required for confirmation): _____

THE PLANNING TEAM

International Bioenergy Days Planning Committee

Tom Adams, University of Georgia

Jeff Borling, APEX (Area Partnership for Economic Expansion, Duluth)

T. Michael Davis, Scandia-Germania-Davis, PLLC, St. Paul

John Frey, Minnesota State University--Mankato

Pradeep Haldar, University of Albany

Dave Hart, Iron Range Resources and Rehabilitation Board

Peter Hedström, U.S. Bank; Swedish-American Chamber of Commerce USA

Lisa Hughes, Minnesota Department of Employment and Economic Development

Connie Ireland, Minnesota Department of Employment and Economic Development

Jo Iverson, Minnesota Department of Employment and Economic Development

Helene Johnson, Government Training Services (GTS)

Bengt-Erik Löfgren, ÄFAB Sweden

Gregg Mast, BioBusiness Alliance of Minnesota

Marion Mast, Earthtech Energy

Kevin McKinnon, Minnesota Department of Employment and Economic Development

Kristine Ray, KPMG; Swedish-American Chamber of Commerce USA

Tom Riley, Greater Mankato Growth

Robert Ryan, Sunrise Agra Fuels (Conference Chair)

Anders Rydaker, St. Paul Heating District; Evergreen Energy

Dennis Timmerman, Agricultural Utilization Research Institute (AURI)

Dale Wahlstrom, BioBusiness Alliance of Minnesota

Sofia Wretler, ÄFAB Sweden

Special Thanks to the following individuals and organizations who have contributed time, talent and services to plan and present this event:

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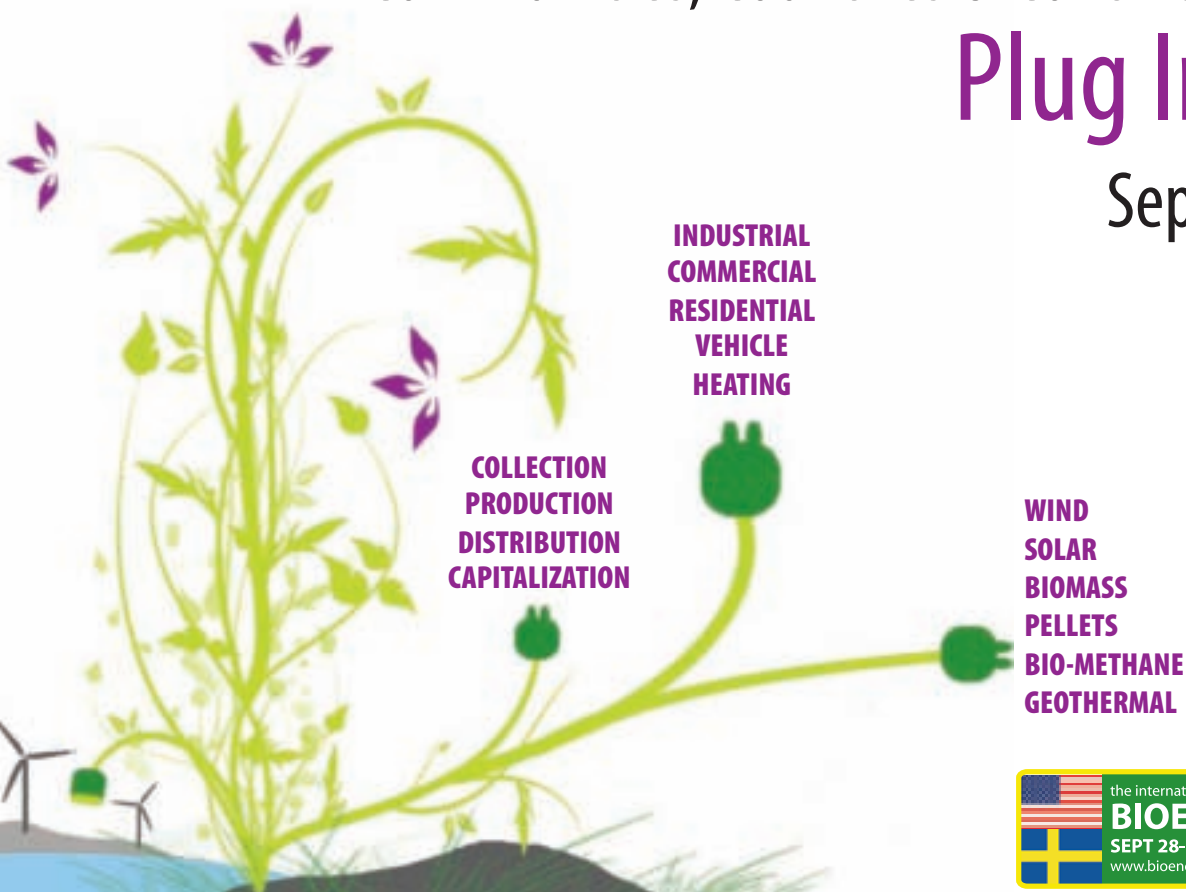
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