

# "energy from biomass and waste" Conference Program 2007

as of September 7, 2007

## September 25, 2007

6:00pm-8:00pm	<b>Opening Ceremony</b> with Ribbon-Cutting in Lobby Area of Exhibit Hall B Opening Speakers: <b>Secretary Kathleen McGinty, PA Dept. of Environmental Protection*</b> , <b>Pittsburgh Mayor Luke Ravenstahl*</b> Followed by Welcome Reception inside Exhibit Hall B: all sponsors, exhibitors and delegates are invited!
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## September 26, 2007

	<b>Session A1: "The Green Fuel" (Room 1)</b>	<b>Session B1: "Waste to Value" (Room 2)</b>
9:30am-10:00am	Keynote speech by sponsor <b>Pennsylvania Department of Environmental Protection</b>	Keynote speech by sponsor The economics of waste to energy – <b>Jennifer von Bismarck / Rich Haddon, TowPath Renewables</b>
10:00am-10:30am	Legislative update Renewable energy production tax credits – <b>Sandy Feldman, K&amp;L Gates</b>	Business opportunities in the U.S. Anaerobic digestion technology transfer from Europe – <b>Bruce Bailey/Mark Suchan, Schmack BioEnergy, LLC</b>
10:30am-11:00am	Bioenergy in Pennsylvania (1) The current and potential role of warm season grasses as a biofuel feedstock – <b>Dan Arnett, Ernst Conservation Seeds</b>	Financing (1) Financing waste-to-energy projects: Experiences from Europe. Finding a way in the US – <b>Christian Kraemer, KfW IPEX-Bank</b>
11:00am-11:30am	Coal-to-biomass conversion From coal to biomass: A case study on the Niagara Generating Facility Conversion Project – <b>Scott Gardner, US Renewables Group</b>	Wastewater to energy The evolution of technology at the Milton Regional Sewer Authority WWTP – <b>Christopher Graf/ Charles Wunz, Herbert, Rowland &amp; Grubic Inc.</b>
11:30am-12:00	International projects An overview of biogas technologies and projects in Germany – <b>Gerrit Holz, Biogas Nord GmbH</b>	Technology showcase High-speed sensor-based sorting of solid waste materials – <b>Felix Hottenstein, MSS, Inc.</b>
12:00-12:30pm	Panel discussion: <b>PERSPECTIVES FOR BIOENERGY IN THE U.S. AND ABROAD</b> - Moderator: <b>David Murdoch, K&amp;L Gates</b>	Technology showcase Orkel works to improve waste logistics – <b>Jarl Gjonnes, Orkel Compaction AS</b>
12:30pm-1:00pm	- Panelists: <b>Secretary Kathleen McGinty, PA Dept. of Environmental Protection*</b> ; <b>Morgan O'Brien, President &amp; CEO, Duquesne Light*</b> ; <b>Bruce Bailey, VP of Technical Affairs, Schmack BioEnergy LLC</b> ; <b>NN, DOE Biomass Program</b> ; <b>Friedrich Wagner, Ministry of Economic Affairs and Energy of the State of NRW</b>	Waste to profit Pelleting of biomass: Turning waste material into a profitable product – <b>Sigmar Jagnow, Amandus Kahl GmbH &amp; Co.KG</b>
1:00pm-1:30pm	Bioenergy in the U.S. Feasibility study of a co-substrate renewable energy facility in western New York – <b>Brandon Moffatt, Conestoga-Rovers &amp; Associates</b>	Landfill gas recovery Landfill and manure biogas energy project opportunities and the Methane to Markets Partnership – <b>Chris Voell, USEPA, LMOP</b>
1:30pm-2:00pm	News from the lab Bioelectricity or high-yield biohydrogen production from biomass using microbial fuel cell technologies – <b>Bruce Logan, H2E Center &amp; Engineering Environmental Institute, Penn State University</b>	Technology showcase High-BTU landfill projects using PSA technology – <b>Richard Gladstone, Green Gas Energy, LLC</b>
2:00pm-2:30pm	Bioenergy in Pennsylvania (2) Pennsylvania Fuels for School & beyond – <b>Ryan Koch, Pocono Northeast RC&amp;D</b>	Keynote speech by sponsor Waste to fuel becomes reality: The future way of economical production of high quality synthetic diesel fuel – <b>Michael Spitzauer, Green Power Inc.</b>
2:30pm-3:00pm	International projects Biomass applications in Germany: Best-practice reports, 10-year-review, future outlook – <b>Michael Feldmann, Wulff Deutschland GmbH</b>	Financing (2) Financing developments and alternatives in waste-to-energy facilities – <b>Geoffrey Morgan, Michael Best &amp; Friedrich, LLP</b>
3:00pm-3:30pm	Technology showcase AVA mixing and drying technologies in the field of biofuels, waste to energy, and energy from biomass – <b>Todd Peterson, AVA Americas LLC; Helmut Huep, AVA-Huep GmbH &amp; Co. KG</b>	Market update The US voluntary carbon market: Risk and opportunity for biomass and waste energy project developers – <b>Andy Dvoracek, EcoSecurities Group plc</b>
3:30pm-4:00pm	International projects PROJECT VALMASS, Westvleteren (Belgium): Fully integrated project of bio-technology – <b>Stephane Grusenmeyer, BIOTIM nv-sa</b>	Panel discussion: <b>TURNING WASTE INTO A RESOURCE</b> - Moderator: <b>Sardar Hassan, AWMA</b> - Panelists: <b>Dave Call, Allied Waste; Rachel Goldstein, USEPA, LMOP; Randy Wolf, Balcones Fuel Technology; Charles Wunz, Herbert, Rowland &amp; Grubic</b>
4:00pm-4:30pm	Technology showcase Advanced biogas technology with plugstream digester and efficient temperature management – <b>Burkhard Kirchhoff, ARCHEA Biogastechnologie GmbH</b>	
5:00pm-7:00pm	<b>Industry Reception</b> in Exhibit Hall B with Food & Beverages: all sponsors, exhibitors and delegates are invited!	

September 27, 2007

	Session A2: "The Green Fuel" (Room 1)	Session B2: "Waste to Value" (Room 2)
9:30am-10:00am	Keynote speech by sponsor <b>Secretary Mike Johanns, U.S. Dept. of Agriculture</b>	
10:00am-10:30am	<b>"Bioenergy: From fields to wheels"</b> – in cooperation with The Pennsylvania State University <b>Fields of dreams: Bioenergy crops for the Northeast – Greg Roth, PSU Dept. of Crop and Soil Science</b>	Keynote speech by sponsor Fueling the clean/alternative energy revolution – <b>Matt Harbaugh, Innovation Works; Stephen Costantino, Ben Franklin Technology Partners</b>
10:30am-11:00am	<b>From biomass to biofuel: Innovations for the next generation – Tom Richard, PSU Dept. of Agricultural and Biological Engineering, Biomass Energy Center</b>	Refuse derived fuels (1) Alternative fuel from commercial waste – <b>Randy Wolf, Balcones Fuel Technology</b>
11:00am-11:30am	<b>Live green, burn clean: Advancing engines for renewable fuels – André Boehman, PSU Dept. of Energy and Geo-Environmental Engineering, Energy Institute</b>	Refuse derived fuels (2) Energy from waste for food products from potatoes – <b>Thomas Hegner, Nehlsen Contracting GmbH &amp; Co.KG</b>
11:30am-12:00	<b>Tractors without tankers: Converting the Penn State fleet to biodiesel – Glen Cauffman, PSU, College of Agricultural Sciences, Farm Operations</b>	News from the lab Energy required to produce Plastofuel™ from dirty, non-recyclable plastics – <b>James Garthe, The Pennsylvania State University</b>
12:00-12:30pm	Technology showcase: biofuels (1) <b>Fuel source for a renewable future – Roel Slotman, EnviTec Biogas AG</b>	Panel discussion: <b>WHERE WILL ENERGY FROM WASTE GO FROM HERE?</b> - Moderator: <b>Rich Haddon, TowPath Renewables</b> - Panelists: <b>Dan Bonk, Montauk Energy Capital; Thomas Hegner, Nehlsen GmbH &amp; Co.KG; Ron Breault, US DOE, NETL</b>
12:30pm-1:00pm	Technology showcase: biofuels (2) <b>From fries to fuel – Werner Schmitz, Petrotec AG</b>	
1:00pm-1:30pm	Technology showcase: biofuels (3) <b>Ethanol + biogas = the recipe for success - Michael Zander, Energies Direct LLC</b>	Emissions Trading Biomass emissions monetization case study – <b>Rory Gopaul, Carbon Solutions Group</b>
1:30pm-2:00pm	Manure to fuel <b>Anaerobic digestion of agricultural waste – Shawn Saylor, Hillcrest Saylor's Dairy Farms</b>	News from the lab Hydrogen from waste water: Continuing developments – <b>William Hartman, NanoLogix Inc.</b>
2:00pm-2:30pm	Market update <b>The future of woody biomass waste-to-energy – Scott Miller, Miller DeWulf Corporation/Price BioStock Services</b>	Waste coal to energy Reliant Seward Station CFB: Waste coal successes in power generation – <b>Tom Roberts, Reliant Energy Seward Station</b>
2:30pm-3:00pm	Biomass supply chain <b>Biomass feedstock aggregation: From the field into the facility – Matthew McArdle, Mesa Reduction Engineering &amp; Processing, Inc.</b>	Biogas from waste Factors for a successful digestion of waste from households, restaurants and other sources – <b>Markus Helm, Brueckner Biotec</b>
3:00pm-3:30pm	International projects <b>International biomass combustion case studies – Steven Law, Conestoga-Rovers &amp; Associates</b>	Market update Gasification: The choice for existing and future markets – <b>Ron Breault, US DOE, NETL</b>
3:30pm-4:00pm	Panel discussion: <b>THE FUTURE IS GREEN – VISIONS FOR BIOENERGY</b> - Moderator: <b>Howard Brockhouse, Biomass Magazine</b> - Panelists: <b>Nathaniel Doyno, Steel City Biofuels; Gerrit Holz, Biogas Nord GmbH; Tom Richard, PSU Biomass Energy Center; Michael Spitzauer, Green Power Inc.; Robert Wallace, NREL National Bioenergy Center</b>	Cutting waste, saving money Trash Landings: How airlines and airports can clean up their recycling programs – <b>Darby Hoover, Natural Resources Defense Council</b>
4:00pm-4:30pm		Energy independence Assessment of bioenergy potential in New Jersey – <b>Margaret Brennan, New Jersey Agricultural Experiment Station; David Specca, Rutgers EcoComplex</b>

\*invited