



Los Angeles County Conversion Technology - January Newsletter
01/10/2013

ANNOUNCEMENT

We invite you to participate in a survey developed and issued by the Los Angeles County Department of Public Works regarding the feasibility of developing conversion technology projects in California. The purpose of this survey is to identify legislative actions, regulatory changes and incentives that are necessary to facilitate development of conversion technologies in California.

As a stakeholder, your input is valuable in defining actions to allow for development of conversion technologies and will only take a few moments of your time. Your participation can help us make conversion technology development in California a reality.

For your convenience, please click [here](#) to complete and submit the survey, or please visit www.SoCalConversion.org.

EVENTS

Alternative Technology Advisory Subcommittee

January 17, 2012.

Alhambra, CA

For more information regarding this meeting, please visit the website:

<http://dpw.lacounty.gov/epd/tf/meetings.cfm>

Pacific West Biomass Conference

January 16-18, 2012

San Francisco, CA

For more information regarding this conference, please visit the website:

<http://pacificwest.biomassconference.com/favicon.ico>

VerdeExchange Conference

January 22-24, 2012

Los Angeles, CA

For more information regarding this conference, please visit the website:

<http://www.verdexchange.org/conference>

Energy, Utility and Environment Conference (EUEC) 2012

January 31-February 2, 2012

Phoenix, AZ

For more information regarding this conference, please visit the website:
<http://www.euec.com/SubmitAbstract.aspx>

Renewable Energy World Conference & Expo North America

February 14-16, 2012

Long Beach, CA

For more information regarding this conference, please visit the website:
<http://www.renewableenergyworld-events.com/index.html>

NEWS

What It Takes, What does integrated waste management look like?

Renewable Portfolio Standard credit is big money, but whats surprising is a lot of these companies are banking on it to help them put their business plans together. Caroll Mortensen, Director, California Department of Resources Recycling and Recovery. To read more, please click [here](#).

Conditional use permit approved for Calif. biomass power plant

A proposed 2 MW biomass power plant in near Lake Tahoe, Calif., is one step closer to fruition. In late December, the Placer County Planning Commission approved a conditional use permit for the project and certified the environmental impact report for the proposed facility. To read more, please click [here](#).

Proposed Calif. plant earns positive health impact assessment

The Sequoia Foundation, a public health research nonprofit, has released an independent health impact assessment (HIA) for the proposed Cabin Creek Biomass Energy Facility near Lake Tahoe, Calif. The project, which is under development by Placer County, aims to install a 2 MW wood-to energy biomass facility at the Eastern Regional Materials Recovery Facility and Transfer Station. According to information published by the county, the facility would use a gasification technology. To read more, please click [here](#).

Solid waste-conversion plant to be built near Beaumont landfill

The bull dozers at the Beaumont landfill can expect to shovel considerably less garbage in the future. The city recently struck a deal with a private company that would send 1,400 tons of solid waste per week from the landfill to a plant that will convert it into diesel fuel. To read more, please click [here](#).

Big names show interest in converting Mauis waste

Maui County's call for a developer to build and operate a waste-to-energy plant has attracted some of the nation's top names in waste-conversion technologies. Last month, the county began seeking bids to convert the island's solid waste into energy in an effort

to cut down on the amount of trash that ends up in the Central Maui Landfill in Puunene. To read more, please click [here](#).

Questions or Comments? Please email us at staff@socalconversion.org



Conversion Technology E-newsletter - February 2013
02/14/2013

ANNOUNCEMENTS

Request for Proposals

The County Sanitation Districts of Los Angeles County, released a Request for Proposals (RFP) for Waste Disposal Services and/or Beneficial reuse or Management of Other Waste Materials. The purpose of this RFP is to secure capacity after closure of the Puente Hills Landfill on October 31, 2013. To view the RFP, please click [here](#).

Survey

If you havent yet, please take our survey regarding the feasibility of developing conversion technology projects in California. The survey was developed and issued by the Los Angeles County Department of Public Works with the purpose of identifying legislative actions, regulatory changes and incentives that are necessary to facilitate the development of conversion technologies in California.

For your convenience, please click [here](#) to complete and submit the survey, or please visit www.SoCalConversion.org.

EVENTS

Alternative Technology Advisory Subcommittee

February 21, 2013, 10 AM
Alhambra, CA

For more information regarding this meeting, please visit the website:
<http://dpw.lacounty.gov/epd/tf/meetings.cfm>

The International Conference on Solid Waste

Mar. 10-13, 2013
Philadelphia, PA

For more information regarding this meeting, please visit the website:
<http://solid-waste.org/2013-conference/call-for-papers/>

Good Jobs, Green Jobs 2013

Washington, D.C.

For more information regarding this meeting, please visit the website:
<http://www.greenjobsconference.org/>

NEWS

Californias first dry anaerobic digestion facility to open next month

The Monterey (Calif.) Regional Waste Management District's new waste conversion facility is set to go online in mid-February, the first in the state -- and second in the nation -- to use dry anaerobic digestion technology, The Monterey County Herald reported. To read more, please visit the [NEWS02/130129941/californias-first-dry-anaerobic-digestion-facility-to-open-next-month">website](#).

What does integrated waste management look like? We consider some case studies.

What does it look like when a community commits to an integrated waste management strategy? MSW Management Magazine talked to a cross-section of municipalities around the US considering or already in operation with an integrated approach and to their technology partners. The consensus seems to be that at this stage, two things are critical: incentives and a supportive regulatory environment. To read more, please visit the [website](#).

Big names show interest in converting Maui's waste

Last month, the county began seeking bids to convert the island's solid waste into energy in an effort to cut down on the amount of trash that ends up in the Central Maui Landfill in Puunene. To read more, please visit the [website](#).

Questions or Comments? Please email us at staff@socalconversion.org



Update on Screening of "Trashed" and Conversion Technology E-Newsletter for March 2013

03/15/2013

REMINDER

If you haven't yet RSVP'd for our private screening of the highly acclaimed documentary about sustainability and waste, *Trashed*, starring Academy Award winner Jeremy Irons; please do so.

As a reminder, **the event starts at 5:00 PM in Sacramento's historic Crest Theater**. This event is hosted by the Los Angeles County Department of Public Works, in conjunction with the California Association of Counties.

Join us for a conversation on innovative efforts to reduce waste in California and how the development of conversion technologies can play an integral role in those efforts throughout the state.

The event schedule is as follows:

5:00 pm - Reception

5:30 pm - Opening Remarks

6:00 pm - Screening of *Trashed* (running time: 97 minutes)

For your convenience, please [click](#) here to see more information and to [RSVP](#) to this event.

EVENTS

Alternative Technology Advisory Subcommittee

March 21, 2013, 10 AM

Alhambra, CA

For more information regarding this meeting, please visit the website:

<http://dpw.lacounty.gov/epd/tf/meetings.cfm>

Good Jobs, Green Jobs 2013

Washington, D.C.

For more information regarding this event, please visit the website:

<http://www.greenjobsconference.org/>

Solid Waste Association of North Americas 42nd Annual Western Regional Symposium and Trade Show

April 15 18, 2013

San Luis Obispo, CA.

For more information regarding this event, please visit the website:

http://swanacal.com/symposium_2013.html

21st Annual North America Waste-to-Energy

April 22 24, 2013

Fort Myers, FL.

For more information regarding this event, please visit the website:

<http://nawtec.swana.org/>

NEWS

Building a Palo Alto center that converts waste to energy pits environmentalists against each other

If the City Council approves the project, the center will be built on the land at the end of Embarcadero Road. The goal would be to convert residential waste materials like food scraps and yard trimmings into clean energy through a process like anaerobic digestion, where organic materials are broken down by micro-organisms. To read more please click [here](#).

3.2MW ANAEROBIC DIGESTION FOOD WASTE TO BIOGAS PLANT FOR WISCONSIN

Turtle Lake, Wisconsin based biogas developer, GreenWhey Energy has secured \$28.5 million of long term finance to construct and operate a wastewater anaerobic digestion facility which will treat food waste carried in wastewater local food companies. To read more, please click [here](#).

Hull-based renewable energy power plant has secured a 19.9m grant from the European Regional Development Fund (EDRF).

The plant, which is called Energy Works, will use renewable energy technologies such as fluidised bed gasification, in-vessel composting and anaerobic digestion, to produce power for 25,000 homes. To read more please click [here](#).

Questions or Comments? Please email us at staff@socalconversion.org



SB 804 Update
04/23/2013

SB 804 UPDATE

Dear Stakeholders,

We appreciate the support we've received for Senate Bill 804, authored by Senator Ricardo Lara and co-sponsored by Los Angeles County and the California State Association of Counties (CSAC). The April 9th amendments to SB 804 represented a first draft of our proposed approach to establishing the role of conversion technologies in California in managing residual solid waste currently heading for disposal, and were intended to start a statewide dialogue on this important issue. Unfortunately, legislative deadlines in Sacramento did not afford us the opportunity to have this dialogue. As a result, we've accepted amendments to SB 804 that narrow the focus of the bill to 2 key revisions:

- Expanding the definition of "biomass conversion" to include all conversion technologies, and
- Establishing a definition for "anaerobic digestion" and clarifying that, for the purposes of permitting and incentives, anaerobic digestion is equivalent to composting.

If we are to reduce our long term reliance of landfilling for the management of residual solid waste, there is an urgent need for establishing clear, scientifically accurate definitions in State statute for all conversion technologies; establishing a robust but reasonable permitting pathway for these projects in California; and clarifying incentives for conversion technologies in relation to other waste management options. To effectively address these three aspects of legislative barriers to the development of conversion technologies, it is crucial to provide sufficient time for conversations with interested stakeholders, in order to work towards a consensus on the right approach to these 3 issues.

To facilitate that conversation, we are hosting an open webinar/conference call on **Thursday April 25th at 2:00 pm Pacific Time**, to discuss the current status of SB 804 as well as anticipated next steps. We look forward to working with all of you toward making conversion technologies a part of our waste management strategy here in California. To register for the webinar/conference please use the following link:<https://www3.gotomeeting.com/register/951109614>. Space is limited so please sign up as soon as possible. After registering you will receive a confirmation email containing information about joining the webinar/conference call.

Please note that based on the latest amendments, SB 804 will no longer be heard in the Energy, Utilities, and Communications Committee on 4/30/13. It will now be heard in the Environmental Quality Committee on 5/1/13. We continue to encourage letters of support to the Environmental Quality Committee. We appreciate your continued engagement and hope you will be able to join the conversation.

Sincerely,

LA County Public Works, Conversion Technology Staff



Conversion Technology E-newsletter - May 2013
05/09/2013

ANNOUNCEMENTS

THE CITY OF OXNARD, CALIFORNIA IS REQUESTING PROPOSALS FOR THE OPERATION AND MAINTENANCE OF THE DEL NORTE REGIONAL RECYCLING AND TRANSFER STATION.

Please [click](#) here to view details and proposal information.

THE LOS ANGELES BUSINESS ASSISTANCE VIRTUAL NETWORK, RELEASED A REQUEST FOR PROPOSALS FOR THE RECEIPT, PROCESSING AND REUSE OF GREEN AND FOOD MATERIAL, AND HORSE MANURE.

Please [click](#) here to view details and proposal information.

REMINDER

**LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
CONVERSION TECHNOLOGY FACILITATION SURVEY**

The last day to participate in the survey regarding the feasibility of developing conversion technology projects in California is **May 16, 2013**. We thank you for your continued interest and support of the Los Angeles County Department of Public Works efforts to identify legislative actions, regulatory changes and incentives that are necessary to facilitate the development of conversion technologies in California. The results of the survey will also be made available on the County's website www.SoCalConversion.org. In addition, survey respondents that provide contact information through the survey form will be emailed a copy of the survey findings.

For your convenience, please click [here](#) to complete and submit the survey, or please visit www.SoCalConversion.org.

STAFF UPDATE

Six Month Status Report Released

On April 29, 2013, the Los Angeles County Department of Public Works submitted a six-month status report on the Departments Conversion Technology Efforts to the County Board of Supervisors. The Status Report summarizes the efforts undertaken to advance

conversion technology development in the County of Los Angeles during the period of October 2012 through April 2013. Please click [here](#) to view the report.

EVENTS

Alternative Technology Advisory Subcommittee

May 16, 2013, 10 AM

Alhambra, CA

For more information regarding this meeting, please visit the website:

<http://dpw.lacounty.gov/epd/tf/meetings.cfm>

2nd Annual Anaerobic Digestion & Biogas Conference 2013

May 16-17, 2013

San Francisco, CA

<http://www.renewable-waste.com/anaerobic-digestion-conference/index.php>

Waste Expo 2013

May 20-23, 2013

New Orleans, LA

<http://www.wasteexpo.com/wasteexpo2013/public/enter.aspx>

Waste Conversion Technology Conference & Trade Show

September 15th-17, 2013

San Diego, CA.

For more information regarding this event, please visit the website:

[Waste Conversion Technology Conference & Trade Show](#)

WASTECON 2013

September 17-19-2013

Long Beach, CA.

<http://www.wastecon.org/>

California Biofuels 8th Annual Alliance Symposium

September 18-19, 2013

Sacramento, CA.

<http://www.epa.gov/region9/organics/symposium/>

NEWS

Gov. Deval Patrick lifts 23-year-old moratorium on incinerators in Mass. for Conversion Technologies

Gov. Deval Patrick has earned the adoration of environmentalists by championing the proliferation of solar panels and wind turbines in Massachusetts. Although the moratorium remains in place for traditional waste to energy facilities, Patrick's Department of Environmental Protection has lifted its 23-year-old moratorium on allowing new

conversion technology facilities to be built in Massachusetts as part of the agency's latest "solid waste master plan. " Please click [here](#) to read more.

Firm Selected for Maui's Waste-to-Energy Project

Maui Mayor Alan Arakawa announced today the selection of Anaergia Services for the county's proposed Integrated Waste Conversion and Energy Project. The IWCEP is a waste management project that is designed to divert solid waste generated by Maui's residents and businesses, using the material to produce renewable fuels. To read more, please click [here](#).

Total Number of UK Anaerobic Digesters Reaches 250

Once again BCI Process (UK) has been awarded a contract to design, fabricate and install the mechanical services required for an anaerobic digestion (AD) plant. The issue of using waste products for power generation is being actively encouraged in order to reduce the amount of waste sent to landfill. To read more, please click [here](#).

Preaching Conversion

In summarizing the state of waste conversion technologies it would be fair to say that while there's been a good amount of sizzle, the steak remains elusive. For while this "waste-to-energy on steroids" option has generated a lot of interest and numerous attempted projects, so far there haven't been any successful commercial ventures in North America. The technologies, which include gasification, pyrolysis and plasma arc, have the potential to yield a higher-end product than traditional waste to energy (WTE), or mass burn, as well as refuse-derived fuel (RFD). To read more, please click [here](#).

Questions or Comments? Please email us at staff@socalconversion.org



Los Angeles County Releases Conversion Technology RFEI
06/13/2013

SPECIAL ANNOUNCEMENT

Los Angeles County Releases Request for Expressions of Interest (RFEI)

Conversion Technology Providers are invited to participate in the Los Angeles County Department of Public Works Request for Expressions of Interest (RFEI) solicitation. Public Works is seeking information on conversion technologies that are offered in the U.S. market and would be available for application for one or more projects in the County of Los Angeles.

Public Works is also interested in obtaining information from financial firms who are interested in exploring partnership opportunities with conversion technology development teams comprised of both public and private entities.

Companies that meet Public Works evaluation criteria will be included in the online database currently available at www.SoCalConversion.org.

Responses are due August 15, 2013.

Conversion Technology Vendor Solicitation Please click [here](#)

Financial Institution Solicitation Please click [here](#)

Questions or Comments? Please email us at staff@socalconversion.org



Conversion Technology E-newsletter - July 2013
07/16/2013

ANNOUNCEMENT

The July Alternative Technology Advisory Subcommittee meeting has been canceled.

Please join us for the next regular meeting, expected to be held on August 15th, 2013, at 10am in Conference Room "C" of the County of Los Angeles Department of Public Works Main Headquarters Building.

EVENTS

Workshop on MRF Performance Standards: Comparable to Source Separation

July 18, 2013, 9:30 AM
Lakewood, CA

For more information regarding this meeting, please visit the website:

<http://www.calrecycle.ca.gov/Actions/PublicNoticeDetail.aspx?id=998&aiid=912>

Waste Conversion Technology Conference & Trade Show

September 15th-17, 2013
San Diego, CA.

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WASTECON 2013

September 17-19-2013
Long Beach, CA.

<http://www.wastecon.org/>

California Biofuels 8th Annual Alliance Symposium

September 18-19, 2013
Sacramento, CA.

<http://www.epa.gov/region9/organics/symposium/>

NEWS

LA County Sanitation Districts Approves Large-Scale Food Waste Co-Digestion Pilot

The Los Angeles County Sanitation Districts approved an agreement with Waste Management for a large scale pilot to co-digest food waste with sewage at the Districts' existing wastewater treatment plant digesters. To read more please click [here](#).

CleanWorld Expanding Successful Sacramento BioDigester.

On the heels of the successful launch of the Sacramento BioDigester in December, 2012, CleanWorld officially broke ground today to expand the 10,000 tons per year facility by 300 percent to 40,000 tons per year. Upon completion in December, 2013, the Sacramento BioDigester will convert 100 tons per day of food waste into renewable energy in the forms of heat, electricity, natural gas, and fertilizer enhancements. To read more please click [here](#).

30M Gallon Facility to Produce Aviation Biofuels from Waste for United Airlines

Seattle, Washington based low-carbon sustainable fuel and chemicals specialist, AltAir Fuels has received a definitive purchase agreement from United Airlines for cost-competitive, advanced biofuels which are to be produced from agricultural wastes and non-edible natural oils at a retooled refinery in California. To read more please click [here](#).

Nations Largest Grocer Will Convert Food Waste to Energy

Food that cannot be sold or donated will be brought by truck to the distribution center for food 4 Less and Ralphs grocery stores, where a biological conversion system is expected to turn 55,000 tons of waste into energy per year. To read more, please click [here](#).

New York City to Require Food Waste Recycling

New York City Mayor Michael Bloomberg aims to green the Big Apple by expanding food waste recycling efforts, following a surprisingly successful test program in 3,500 Staten Island homes and some Manhattan apartment buildings. Bloomberg, perhaps taking a page from other cities including San Francisco and Seattle that have adopted rules that mandate recycling of food waste from homes, wants to expand his city's food waste program to 100,000 homes and 100 high-rise apartments in all five boroughs by this fall. To read more, please click [here](#).

Waste-to-Energy Project in Puerto Rico Gets EPA Approval

The US EPA has approved a key air permit for a 77 megawatt waste-to-energy plant in Puerto Rico, making it the first of its kind and the largest recycling facility in the territory if approved. To read more, please click [here](#).

Tamar Outlines Plans for First of 40 Anaerobic Digestion Biogas Plants

London based renewable energy company Tamar Energy was formed in 2012 with the aim of developing some 40 anaerobic digestion biogas plants across the UK. To read more about their proposed facilities, please click [here](#).

Abengoa inaugurates Waste to Biofuels demonstration plant

Abengoa has inaugurated its Waste-to-Biofuels demonstration plant. The plant has a capacity to treat 25,000 tons of municipal solid waste from which it will obtain up to 1.5 million liters of bioethanol for use as fuel. To read more please click [here](#).

Questions or Comments? Please email us at staff@socalconversion.org



Conversion Technology E-newsletter - August 2013
08/13/2013

ANNOUNCEMENT

The deadline to submit Requests for Expressions of Interest (RFEI) has been extended.

Responses are now due August 30, 2013.

Conversion Technology Vendor Solicitation Please click [here](#)

Financial Institution Solicitation Please click [here](#)

(a word version is also available on the website: www.SoCalConversion.org)

EVENTS

Alternative Technology Advisory Subcommittee

August 15, 2013, 10 AM
Alhambra, CA

For more information regarding this meeting, please visit the website:
<http://dpw.lacounty.gov/epd/tf/meetings.cfm>

Waste Conversion Technology Conference & Trade Show

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[Waste Conversion Technology Conference & Trade Show](#)

WASTECON 2013

September 17-19, 2013
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<http://www.wastecon.org/>

California Bioresources Alliance 8th Annual Symposium

September 18-19, 2013
Sacramento, CA.

<http://www.epa.gov/region9/organics/symposium/>

NEWS

Local conversion technology projects may change waste, energy

In official renderings of its name, the California Department of Resources Recycling and Recovery, mentioned above, does not separate the words "resources" and "recycling" with a comma. It seems to be listing two environmentally beneficial options as the alternatives for waste management. To read more click [here](#).

INEOS Bio produces cellulosic ethanol from waste, at commercial scale

In Florida, INEOS Bio announced that its Indian River BioEnergy Center at Vero Beach is now producing cellulosic ethanol at commercial scale. This is the first commercial-scale production in the world using INEOS Bios breakthrough gasification and fermentation technology for conversion of biomass waste into bioethanol and renewable power. To read more click [here](#).

Emerging Micro-Cap's BlueSphere Gets Huge \$25 Million Backing For Organic Waste to Electricity Project

Blue Sphere Corp. has announced commitments for over \$25 million dollars of financing for their Charlotte, North Carolina based 5.2 Mega Watt (Mw) anaerobic digestion facility. To read more click [here](#).

Global Clean Energy, Inc. Forms Joint Venture With Full Circle Renewables, LLC, to Complete Waste to Fuels Projects Under Development

Global Clean Energy, Inc., an alternative fuels development company Global Clean Energy, Inc., announces a joint venture with Full Circle Renewables, LLC, to jointly develop a number of waste to fuels projects including the utilization of FCR's anaerobic digestion technology, funding support and methane off-take agreements for multiple sites controlled by GCEI. To read more click [here](#).

Work set to begin on Milton Keynes Energos facility

Gasification technology firm Energos has received permission to begin construction of its ninth advanced conversion gasification facility, which will be located at AmeyCespa's Milton Keynes Waste Recovery Park. To read more click [here](#).

Approved plan could create waste diversion rate of 70 per cent.

A recently approved plan may achieve a waste diversion rate for the region of 70 per cent. The Comox Strathcona waste management service says it has received approval of the solid waste management plan from Terry Lake, Minister of Environment. To read more click [here](#).

Questions or Comments? Please email us at staff@socalconversion.org



SB 804 - On the Desk of Governor Brown
09/17/2013

TAKE ACTION

SEND A LETTER TO SUPPORT SB 804!

Senate Bill 804 (SB804) has been approved by the California State Legislature and is now awaiting Governor Brown's signature!

Current law defines "biomass conversion" as the controlled combustion of organic materials--such as wood, lawn and garden clippings, agricultural waste, leaves, tree pruning as well as non-recyclable paper--when separated from other solid waste and used for producing electricity or heat. This bill would simply add conversion technologies to the biomass definition, allowing for cleaner and more efficient technologies to be used in the biomass process.

The final language of the bill is in print and available at the following link: [SB 804](#)

Your support is vital to the success of the bill, as it is awaiting the Governor's signature. Please send a letter of support to Governor Brown and let him know that CA needs a permitting pathway for technologies that will reduce the amount of materials being disposed in landfills, create jobs, generate green fuels and electricity, and reduce air emissions.

Click [here](#) for an easy-to-use sample letter. Letters can be faxed directly to the Governor's Office at (916) 558-3160, Attention: Legislative Secretary Gareth Elliot and/or Deputy Legislative Secretary Martha Guzman. Send your letter to Governor Brown as soon as possible and email a copy to staff@socalconversion.org.

Questions or Comments? Please email us at staff@socalconversion.org



Conversion Technology E-newsletter - October 2013
10/16/2013

ANNOUNCEMENT

SB 804 Vetoed by Governor Brown

On October 11, 2013, Governor Jerry Brown vetoed Senate Bill 804 (SB 804, Lara). The bill would have expanded the state's definition of biomass conversion to include non-combustion processes. In his veto message, Governor Brown indicated that he agreed with the intent of the bill, however, "last minute amendments made the bill overly complicated and unworkable." He also directed CalRecycle to work with stakeholders to "develop a sensible approach that would apply to all biomass facilities irrespective of the technologies used." To read the entire veto message, click [here](#).

Los Angeles County and the California State Association of Counties, as co-sponsors of SB 804, would like to thank all of our supporters for their efforts. Pursuing the passage of SB 804 has reaffirmed the strong support throughout the state for the advancement of conversion technologies and we will continue to work on this issue.

EVENTS

Alternative Technology Advisory Subcommittee

October 17, 2013, 10 AM

Alhambra, CA

For more information regarding this meeting, please visit the website:

<http://dpw.lacounty.gov/ept/tf/meetings.cfm>

NEWS

Gaining Gasification Ground

Project Alpha in North Carolina is going to commercially test a broad range of purpose-grown energy crops. Chemex International Inc. received a \$99 million conditional loan guarantee from the USDA a year ago, along with a \$3.9 million grant from the USDA through the Biomass Crop Assistance Program, to help establish 4,000-plus acres of miscanthus and switchgrass across 11 North Carolina counties to help supply the new facility. To read more click [here](#).

Biofuel From Food Waste Certification in US Following Corn Plan Conversion

Cupertino, California based renewable fuels and chemicals specialist, Aemetis

(otcqb:AMTX) has been granted approval to produce ethanol from separated food waste at its 55 million gallon (208 million litre) per year renewable ethanol plant in Keyes, California by the US Environmental Protection Agency (EPA). To read more click [here](#).

BlueFire Renewables Adds New Revenue Source to Fulton Facility

IRVINE, CA, (October 3, 2013) BlueFire Renewables, Inc. (OTCBB: BFRE.OB), a company focused on changing the worlds transportation fuel paradigm has integrated a synergistic wood pellet production plant to its facility in Fulton Mississippi. The company said that the EPA approval includes D5 Renewable Identification Number (RIN) generation for separated food waste feedstock used at the plant, allowing it to qualify its ethanol as Advanced Biofuels through the processing of certain food/beverage waste streams into ethanol. To read more click [here](#).

Lockheed Martin Reaches Agreement with Concord Blue to Deploy Advanced Gasification Technology Globally

BALTIMORE - Lockheed Martin [NYSE: LMT] and Concord Blue USA, Inc., have reached an agreement to offer an advanced waste conversion system to address waste disposal, energy security and climate control issues. Advanced waste conversion is an emerging technology that uses gasification processes to convert waste products to electricity, heat and synthetic fuels. This solution addresses the current burden on landfills, conventional incineration and fossil fuels, as well as the desire for green base load energy. To read more click [here](#).

WasteCon 2013: New York City Considers Waste Conversion Technologies

As New York City looks at its future waste management needs, waste conversion technologies are part of the equation. During the Solid Waste Association of North America (SWANA) 2013 WasteCon conference in Long Beach, Calif., a technical session titled New York Citys Waste Conversion Technology Pilot- is the Technology Ripe Enough for the Big Apple? addressed where the city is at in the evaluation of technologies to handle the estimated 50,000 tons of waste and recyclables the city generates each day. To read more click [here](#).

New Study One of the First to Compare Gasification, Waste to Energy and Landfill Gas to Energy

As energy prices have increased, the search for alternative energy and fuel production methods has broadened. Municipal solid waste (MSW) is a promising alternative energy source because of its abundance and comparatively low cost. Currently the most common MSW energy recovery processes that produce fuel (i.e. compressed/liquefied natural gas) or electricity are landfill gas-to-energy (LFGTE), waste-to-energy (WTE) and, to a lesser extent, anaerobic digestion. To read more click [here](#).

White paper discusses waste-to-energy on the West Coast

Renewable Waste Intelligence has published a white paper that focuses on waste-to-energy projects in the California, Washington, Oregon and Hawaii. The paper, titled Commercial Updates: Municipal Solid Waste Conversion on the West Coast USA, provides an overview of waste-utilizing technologies and discusses their relative advantages and disadvantages. The paper also highlights specific West Coast projects. To read more click [here](#).

Questions or Comments? Please email us at staff@socalconversion.org



Conversion Technology E-newsletter - December 2013
12/16/2013

ANNOUNCEMENT

The December 19, 2013, Alternative Technology Advisory Subcommittee meeting has been cancelled. Please note the January meeting will be held on Thursday **January 30**, 2014, at 10:00 am. in Alhambra, CA.

<http://dpw.lacounty.gov/epd/tf/meetings.cfm>

Questions or Comments? Please email us at staff@socalconversion.org