

RESOURCE RECOVERY UPDATE

June 2011



In partnership with its six member Councils the Eastern Metropolitan Regional Council has been working to develop a suitable resource recovery solution that will serve Perth's Eastern Region. This is known as the Resource Recovery project.

Community talk on anaerobic digestion technology—an option for EMRC's Resource Recovery Facility Friday 24 June, 9.00am-12.00pm

The Eastern Metropolitan Regional Council (EMRC) and its six member Councils* are planning a Resource Recovery Facility which aims to divert household waste from landfill and use it as a resource. The proposed facility will be built at the EMRC's Red Hill Waste Management Facility and will process household waste from the member Council areas. Several technology options for the proposed facility are being considered including anaerobic digestion and thermal options.

As part of its on-going community engagement, in April 2010, EMRC hosted a waste to energy presentation from leading experts Professor Nicholas Themelis and Robyn Davidov from the USA.

On Friday 24 June 2011, EMRC invites members of the Perth's Eastern Region community to hear two eminent speakers discuss the application of anaerobic digestion technology to the treatment of household waste. Anaerobic digestion is a technology where organic materials (food and garden waste) from our rubbish are converted into methane or 'biogas' and compost.

Mr Gerald Tetchner, a UK consultant, has been involved for over 25 years in Renewable Energy Projects, and has consulted with governments around the world in developing and reviewing waste management facilities. Mr Tetchner will provide an overview on different types of anaerobic digestion technology and where it fits in the mix of available technologies, operation of these facilities and end products.



Image: Anaerobic Digestion Plant, Passau Germany

Professor Dongke Zhang, Foundation Professor of Chemical Engineering and Inaugural Director of the Centre for Energy at the University of Western Australia has had long-standing research and applied experience in using organic wastes for sustainable energy development. Professor Zhang will focus on current and future research being undertaken on anaerobic digestion at UWA.

The presentations from Mr Gerald Tetchner and Professor Dongke Zhang will be held at EMRC's office, 1st Floor, Ascot Place, 226 Great Eastern Highway, Belmont on **Friday 24 June from 9.00am to 12.00 noon**. There will be a question time for each presenter and morning tea provided.

RSVP's are required by 5 pm on **Tuesday 21 June** as seating is strictly limited. Please call 9424 2222 (during business hours) or send an email resourcerecovery@emrc.org.au to reserve your seat.

*EMRC member Councils – Town of Bassendean, City of Bayswater, City of Belmont, Shire of Kalamunda, Shire of Mundaring and City of Swan.

To learn more about the Resource Recovery project, visit www.emrc.org.au or call 9424 2222.

