Creating Value from Biomass Residues

Around 60% of waste going to Victorian landfill is organic material, and its disposal is a significant cost to many industries. Some companies, however, are successfully diverting this waste into renewable energy and recycled organic products.

Presented by Sustainability Victoria, in conjunction with the Advanced Industrial Analytics Laboratory, Federation University-Gippsland.

This 3½ hour workshop will introduce participants to the Australian Biomass for Bioenergy Assessment project funded by the Australian Renewable Energy Agency and led by Sustainability Victoria for our state, outlines the case for the recovery of biomass residues for your business.

This workshop will cover:

› The Australian Biomass for Bioenergy Assessment (ABBA) project and how or if it relates to them.
› Existing projects and opportunity for participants
› Viable technology pathways
› Barriers and challenges to deployment of solutions
› Incentives and assistance available

Participant benefits

› Learn about different forms of biomass residue recovery processes that may be applicable to your sector.
› Explore and develop a biomass residue recovery project for your business.
› Access data, resources, information and expert advice for your waste management situation.
› Learn about funding, incentives and assistance to enable an organic resource recovery opportunity for your business.
› Network with potential Industry partners

Who should attend:

› Primary producers
› Food and beverage processors
› Manufacturing industries
› Healthcare organisations
› Municipal and industrial waste management organisations
› Water and wastewater industries
› Hospitality industries

Throughout the program attendees will be partaking in activities so be prepared to participate.

Tuesday 9 August 2016
8.30am (for a 9.00am start) finish 1.00pm

Federation University, Churchill:
Business School – Building 5N

Conference room 158: Parking N1 & N2 carparks
Refreshments and lunch provided (1-1.30pm)

Registration:
Register by reply email to:
kelly.wickham@sustainability.vic.gov.au

Enquiries:
Kelly Wickham 03 8626 8820, 0448 878 223 or
kelly.wickham@sustainability.vic.gov.au

Luke Wilkinson 03 8656 6723, 0427 850 478 or
luke.wilkinson@sustainability.vic.gov.au

Download a copy of the campus map
Vince Verheyen  
Federation University  
Director of Advanced Industrial Analytics Lab and Carbon Technology Research Centre. PhD University of Melbourne

Vince is an analytical chemist whose focus is the investigation of organic components in difficult matrices. Vince has spent much of his career working for private companies in a consultative role. This has given him an appreciation of the drivers for business and the need to deliver fit for purpose data within commercial time frames and budgets. He was heavily involved in bench and pilot scale development of brown coal derived humic acid based agri-products. Vince is currently working with several companies involved in the conversion and use of biomass by biological and chemical processes. He has particular interests in coal upgrading, biological treatment of pulp and paper mill wastewater and the use of biochar in agriculture and the development of new products.

Paul Clapham  
Principal Environmental Consultant – Waste Advisory  
Arcadis Australia

Paul has more than 25 years’ experience of working in the environmental sector – the last 15 of which have been within the waste management and resource recovery sector. Paul specialises in providing advice to public and private sector clients on the selection, procurement and delivery of alternative waste management solutions including energy from waste technologies. Prior to relocating to Australia in 2011, Paul was heavily involved in the delivery of major EFW solutions in the UK, including the Four Ashes Energy Recovery Facility in Staffordshire and the North Yorkshire integrated mechanical biological treatment (MBT) and energy recovery facility. Paul has a strong technical understanding of a raft of EFW technologies including anaerobic digestion, pyrolysis, gasification and plasma gasification.

Kelly Wickham  
Project Advisor – Climate Change Program  
Sustainability Victoria

Kelly has worked with the Sustainable Energy Authority and Sustainability Victoria for over ten years. Working in diverse areas such as energy efficiency, GreenPower, Energy Supply, Environmental Management Systems, Renewables (Bioenergy), Organics and most recently Climate Change. The spread of disciplines has led to working with Local Government, Business and the Community. As part of the Climate Change Program team Kelly has provided research into global voluntary climate change programs, local government climate change strategies and targets and is currently supporting the team in the design and recruitment of organisations into the Victorian Government’s TAKE2 Pledge program.