

# Innovation in Waste Management

**Dr Andy Rees**, Head of Waste Strategy Branch, Welsh Government and  
**Dr Katie Beverley**, Research Officer, Ecodesign Centre

**Wednesday 10<sup>th</sup> February 2016. 5.30 for 6.00pm**

**Trevithick Lecture Theatre, School of Engineering, The Parade, Cardiff CF24 3AA**

Refreshments at 5.30 in Junior Common Room, lecture at 6.00pm in the TLT

This lecture is jointly-badged with



## The presentations:

**Dr Andy Rees: “Towards a circular economy for Wales – the strategic approach”** - synopsis

The presentation will highlight the economic, social and environmental benefits to Wales of moving towards a circular economy where resources are kept in productive use for as long as possible. The context includes the new Well-being of Future Generations (Wales) Act 2015, the Welsh Government’s 2050 ‘one planet’ resource use goal and the European Commission’s recently published ‘Circular Economy Package’. The presentation will highlight the imperative for high quality recycling through separate collection. It will also identify the opportunities to capture, reprocess and utilise the valuable critical raw materials in electronic wastes, and for better valorisation of industrial wastes through industrial symbiosis. Opportunities for innovation, developing new ‘resource mining’ industries, and securing European funding will be flagged.

**Dr Katie Beverley** from ECDW will cover the opportunities for a circular economy approach for critical raw materials (focussing perhaps on rare earths used in the electronic industry) and industrial wastes (focussing on industrial symbiosis opportunities). Katie will give examples, both from her own experience and from elsewhere.

Book on-line at: <https://www.ice.org.uk/events/innovation-in-waste-management>

or contact [felicity.white@ice.org.uk](mailto:felicity.white@ice.org.uk) 029 2063 0561

## The Speakers



**Dr Andy Rees, Head of Waste Strategy, Welsh Government**

Andy has 36 years experience of working in the environmental field, including spending the last 20 years in the area of waste strategy. Andy has been Head of Waste Strategy at the Welsh Government for the last 16 years and is responsible for waste strategy policy and delivery. He is a Chartered Environmentalist and a Chartered Chemist.



**Dr Katie Beverley - Research Officer, Ecodesign Centre**

Katie joined the Ecodesign Centre in October 2014 as Research Officer and works across a number of the Centre's projects. She holds a PhD and first class BSc in Chemistry from the University of Hull, and has been involved in design education and research for the last ten years.

Katie has previously worked as a lecturer at the University of Leeds delivering ecodesign and sustainability to product, fashion, textiles and graphic design undergraduates and postgraduates. She is passionate about ensuring that ecodesign is appropriately embedded into mainstream design courses. Katie's research to date has focused on sustainable fashion and textiles and she has supervised several PhDs in this area.

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