

Waste Not

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RECOVER  
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GREEN RECOVER REUSE RENEW  
PROCESS OPTIMISATION  
GREEN RECYCLEREUSE  
RECOVER  
RECYCLE  
ENVIRONMENTAL  
PROCESS OPTIMISATION  
RECYCLE

Want Not

## Profit from Sustainable Chemistry

This two day international symposium organised in association with The Knowledge Transfer Network and the Green Chemistry Network is being held in the Royal Society of Chemistry Lecture Theatre in the Chemspec/Chemsourc Exhibition Hall, Hungexpo, Budapest, here at the 2014 Chemspec Europe and Chemsourc Exhibitions organised by Quartz Chemicals. It will address the challenges facing small scale businesses in minimising waste and operating at a profit using sustainable chemistry. Innovative developments in this field will be highlighted. There is no registration or registration fee to attend the symposium.

Free Attendance

Delegates will be able to pick and choose which lectures they attend.

## Programme

**Session 1, June 18****Design for a Circular Economy** Chairman: *David Karsa*

10.30 Design for a Circular Economy - a Company Pathway to the Challenge of Critical Raw Materials

*David Peck, Ind Des Eng, Delft University of Technology, The Netherlands*

11.00 Closed Loop Emotionally Valuable E-waste Recovery Research Project

*Janet Scott, Bath University, UK*

11.30 What's in my Stuff

*Hywel Jones, Sheffield Hallam University, UK***Session 2, June 18****Sustainable Processes** Chairman: *Bruce Lane*

12.00 Opportunities for the Development of Sustainable Production Processes

*Charlotte Wiles, Chemtrix BV, UK*

12.30 Chlorination and Sulfonation - Surprisingly Sustainable

*Jörg Schrickel, CABB AG, Switzerland***Lunch Break****Session 2 (contd), June 18****Sustainable Processes** Chairman: *Bruce Lane*

13.30 Profit from Sustainable Chemistry - Application of Biocatalysis to Improve Sustainability in Industrial Production

*Pascal Duenkelmann, evocatal GmbH, Germany*

14.00 Functionalised Silicas - Tools for Sustainable Chemistry

*Sophie Purser, Phosphonics, UK*

14.30 Holistic Project Management - How to Add Value by Continuous Improvement Along the Process Chain

*Boris E. Bosch, Saltigo GmbH, Germany*

15.00 Holistic Evaluation of Processes to Create More Sustainable Solutions

*Peter Saling, BASF SE, Germany***Session 3, June 18****Scarce Element Recovery** Chairman: *Simon Rushworth*

15.30 Capture Your Metals and Release Hidden Value - Innovative Developments in Metal Scavenging

*Pasi Kauppinen, Johnson Matthey, Finland*16.00 **Close****Session 3 (contd), June 19****Scarce Element Recovery** Chairman: *Simon Rushworth*

10.30 Materials Security Innovation Opportunities

*Catherine Joce, CIKTN, UK*

11.00 Approach on Substance Management and Substitution - Case Studies on Certain CRM Phase-outs

*Matti Rahko, Nokia, Finland***Session 4, June 19****Waste Valorisation** Chairman: *Tom Porter*

11.30 Recovery, Custom Processing &amp; Responsible Disposal - Including Value Added Waste Stream Examples

*Allan Jensen, Chemoxy, UK***Session 5, June 19****Solvent Recovery & Recycling** Chairman: *Tom Porter*

12.00 Chemical Purification Companies Hold a More and More Important Role in the Value Chains of Chemical and Pharmaceutical Industries

*Paul Kriekemans, DNCP, Belgium*

12.30 Solvent Recycling - Sustainability in Practice

*Adisa Azapagic, Ethos Research, UK**Introduction by Andrew Crowther, representing European Solvents Recycler Group, Belgium*13.00 **Close**Contact: Pat Keen Tel: +44 (0)1606 888005 E-mail: [patricia.keen@virgin.net](mailto:patricia.keen@virgin.net) [www.rscspecialtychemicals.org.uk](http://www.rscspecialtychemicals.org.uk)