

Application of IB to the identification and recovery of high value products from waste plant material

The Exchange at Colworth Park, Sharnbrook, Bedfordshire, MK44 1LQ
10th April 2018

09:00 *Registration opens; refreshments available*

09:30 MORNING SESSION BEGINS

09:35 **Ian Graham**, HVCfP Director, University of York - *Welcome and introduction to the Workshop*

09:45 **Leslie Berger**, ADAS - *Food and produce waste streams*

10:05 **Liliya Serazetdinova**, Knowledge Transfer Network - *Challenges and opportunities for innovation from crop waste*

10:25 **Tina Benfield**, Chartered Institution of Wastes Management - *Waste, can it really be that complicated?!*

10:45 *Refreshment break*

11:10 MORNING SESSION CONTINUES

11:15 **Stuart Hayward-Higham**, SUEZ recycling and recovery UK - *Extracting high value components from the biological elements of municipal and industrial waste streams – a dustman's journey so far*

11:35 **Giovanna Bermano**, Robert Gordon University - *Rapeseed pomace as a source of bioactives for health*

11:55 Flash presentations from delegates:

1) **Wendy Lawley**, HVCfP - *Impact of the Nagoya Protocol and EU 511/2014 on utilization of waste plant material*

2) **Anthony Lloyd**, NovaSep SAS - *Purification technologies for valuable products from waste plant material at industrial scale*

3) **Robert Lovitt**, Membranology Ltd - *Membrane separations for high value products from algae*

12:15 Questions and morning session wrap-up

12:20 *Lunch break*

13:20 AFTERNOON SESSION BEGINS

13:25 **Mark Taylor**, James Hutton Institute - *Solanesol: added value from Solanaceous waste*

13:45 **Gary Nye**, University College London - *Separation and purification challenges in the processing of renewable feedstocks*

14:05 **Richard Clarke**, Exergy UK - *Agrimax: Developing and demonstrating the production of multiple, high value products from crop and food processing waste*

14:25 Flash presentations from delegates:

1) **Rashmi Patil**, Anaero Technology Ltd - *A biorefinery concept of extraction of high value chemicals and production of biogas from agricultural by-products*

2) **Alexander Novitskiy**, Nova Extraction - *Using supercritical carbon dioxide extraction to recover high value ingredients from food waste*

3) **Emmanouil Papaioannou**, Lancaster University - *Advanced downstream processes for recovering high value products from waste plant material*

14:45 *Refreshment break*

15:10 AFTERNOON SESSION CONTINUES

15:15 **Discussion** based on submitted questions and challenges raised during the day – with facilitation by **Nina Sweet OBE**, Wrap UK

15:45 Discussion wrap-up and capture of outputs

16:00 Workshop close

16:10 *Pre-booked transport departs for Bedford station (journey time ~20 mins)*