



UCD Institute of Food and Health

In conjunction with the Environmental Sciences Association of Ireland

Food Processing Waste: Maximising Hidden Resources for Sustainable Food Processing



Programme

This seminar will provide a unique opportunity to hear leading experts share their experiences from the challenges and opportunities arising from waste in the Food Processing Industry.

Date: Monday 8th June 2015

Venue: George Moore Auditorium, UCD O'Brien Centre for Science, UCD, Belfield, Dublin 4

9.30 am Registration

10.00 am Welcome & Opening Address: Professor Dolores O'Riordan, Director, UCD Institute of Food & Health

Session 1: Chair: Dr Niamh Harbourne, UCD Institute of Food & Health

10.10 am An overview of the current problem of waste across the food chain.
Dr Dimitrios Charalampopoulos, Head of Food and Bioprocessing Sciences Research Group, University of Reading, UK.

10.30 am A regulatory and enforcement perspective on food processing waste.
Mr Patrick Byrne, Senior Inspector, Environmental Protection Agency.

10.50 am Case Study 1: FoodCloud.
Ms Aoibheann O'Brien, Co-Founder, FoodCloud.

11.05 am Coffee and networking

11.35 am Is "Food Waste" waste?
Professor Nicholas Holden, UCD School of Biosystems Engineering & UCD Institute of Food & Health.

11.55 am Case Study 2: Dairy Streams as a source of bioactive oligosaccharides.
Dr Mariarosaria Marotta, Teagasc Food Research Centre, Moorepark.

12.10 pm Extracting value from fat, oil and grease (FOG) waste.
Dr Tom Curran, UCD School of Biosystems Engineering and UCD Institute of Food & Health.

12.30 pm Enrichment of bioactives from food by-products: A luxury or a necessity?
Dr Nigel Brunton, UCD School of Agriculture & Food Science and UCD Institute of Food & Health.

12.50 pm Discussion Session and Summary

1.00 pm Lunch

Session 2: Chair: Dr Shane Colgan, Environmental Protection Agency

2.00 pm Case Study 3: Getting value from beverage and food industry wastes.
Mr Michael Clancy, FDT Consulting Engineers and PUREOPE.

2.15 pm Sustainable polymers for packaging.
Dr Kevin O'Connor, UCD School of Biomolecular and Biomedical Science.

2.35 pm Case Study 4: Sustainable waste management in the meat processing industry.
Mr Robert Kirwan, Irish Country Meats.

2.50 pm Biosecurity in the food and feed chain.
Mr Justin Byrne, Department of Agriculture, Food and the Marine.

3.10 pm Case Study 5: Reduction of fossil Fuel Dependency through the utilization of anaerobic digestion (Waste to Energy).
Dr Gabriel Kelly, Group EHS Manager, Dairygold.

3.30 pm Forum Discussion

4.00 pm Close

8th June 2015



UCD Institute of Food and Health
Smart Science, Good Food

There is no charge to attend the workshop but places are limited. Please RSVP by Friday 29th May, 2015 to Dr Geraldine Quinn at geraldine.quinn@ucd.ie or on +353 (0) 1 716 2808

