

In transitioning to a **circular economy**, novel approaches are required for converting potential waste streams into valuable resources. The **EPA-funded NEWTRIENTS** project is pleased to present a discussion-focussed workshop, entitled:

RESOURCE RECOVERY FROM DAIRY INDUSTRY EFFLUENT

Thursday, January 23rd, 2020, from 10.00am to 3.45pm

Environmental Research Institute, Lee Road, University College Cork, Ireland

The workshop will feature both national and international expert speakers from **industry** and **academia**, creating a strong platform for knowledge exchange, interactive discussion and potential **future collaboration**. The emphasis of the workshop is to explore novel approaches to **generate value from dairy processing waste** and promote the **circular economy in agriculture**.



BIOENERGY – BIOPLASTICS – AGRICULTURE – CIRCULAR ECONOMY

9.30 – 10.00	Coffee		
10.00 – 10.10	Opening		UCC
Policy and Industry Perspectives			
10.10 – 10.30	Conor Mulvihill	Dairy Waste: Changing Public Policy & Perceptions	Dairy Industry Ireland
10.30 – 10.50	Enda Buckley	Sustainability Perspectives from the Irish Dairy Industry	Carbery
10.50 – 11.10	Patrick Byrne	Regulatory Framework	EPA
11.10 – 11.30	Filippo Giancarlo Martinelli	Brief Overview of Circular Bioeconomy Approaches to the Dairy Industry Side Stream Valorisation	Irish Bioeconomy Foundation
11.30 – 12.00	Coffee Break		
Feed and Food from Waste			
12.00 – 12.20	Reindert Devlamynck	Valorisation of Wastewater using Lemnaceae	Inagro/UGent, Belgium
12.20 – 12.40	Marcel Jansen	Protein-rich Lemna Grown on Dairy Processing Wastewater	UCC/NEWTRIENTS
12.40 – 13.00	Jorge Ferreira	Edible filamentous Fungi from Dairy Sidestreams and Expired Products	University of Borås, Sweden
Lunch Break			
Energy and Bio-Materials from Waste			
14.00 – 14.20	David Wall	Bioenergy Production from Agri-Wastestreams	SFI MaREI Centre
14.20 – 14.40	Niall O'Leary	Microbial Valorisation of Dairy Industry Wastewater	UCC/NEWTRIENTS
14.40 – 15.00	Kevin O'Connor	Biopolymer Opportunities	UCD
15.00 – 15.45	Open discussion and Closure led by Paul Bolger		

This event is **FREE** but **places are limited**.

Register by emailing Maria O'Mahoney (m.omahoney@ucc.ie).

Further information Marcel Jansen (m.jansen@ucc.ie) or www.newtrients.ucc.ie

