

Dr. Lynsey Melville

Director of the Centre for Low Carbon Research and Lead of the Bioenergy Research Group, Senior Researcher, School of Engineering and the Built Environment at Birmingham City University

Birmingham, , GB

Dr. Lynsey Melville researches accelerating the adoption of environmentally sustainable and commercially viable energy from biomass.

Biography

Dr Lynsey Melville is Professor of Environmental Engineering in the Faculty of Computing Engineering and Built Environment. She leads the Biotechnology and Environmental Engineering research group whose focus is on accelerating the adoption of environmentally sustainable and commercially viable energy from biomass. Lynsey is an interdisciplinary researcher with a strong commercial focus, working alongside some of the world's largest engineering and utility companies and driving over £2million worth of externally funded research and innovation work. Her vision is to utilise her knowledge, experience and skills to improve the resilience of communities in both the developed and developing world by fostering inclusive, humanitarian engineering approaches to the management and utilisation of biomass. With expertise spanning various areas of environmental engineering (from water and wastewater treatment, organic waste management and bioenergy production) she has provided expert support to both industry and academia and her work has sought to bridge the gap between the two as a technology transfer consultant and as co-founder of a University spin-out company.

Areas of Expertise

Wastewater Treatment, Biomass and Bioenergy, Anaerobic Digestion, Organic Waste Management

Affiliations

Environmental Association for Universities and Colleges, European Algal Bioenergy Association, Engineers Without Borders, Women's Engineering Society

Education

University of Wolverhampton/Imperial College London
Ph.D.

Plymouth University
B.Sc. Environmental Science

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