



ENGINEERS WITHOUT BORDERS BELFAST

NUCLEAR ENERGY DEBATE

WEDNESDAY 20TH APRIL

DKB LG 024 1 PM – 4 PM

Affirmative

Dr Robin Curry (QUB School of Chemistry and Chemical Engineering/Centre for Advanced Sustainable Energy Research)



Robin Curry obtained his BSc in Environmental Science from University of Ulster in 1986 before gaining his MSci in Environmental Engineering from Kingston University London in 1991. He completed his D.Phil. in Resource Management at the University of Ulster in 1996 and went on to become a lecturer at Queen's within the School of Chemistry and Chemical Engineering. Robin specialises in interdisciplinary research in fields ranging from construction and infrastructure development to product design, which involves the application and ongoing development of a range of methodologies to the measurement and assessment of resource efficiency and sustainability. These are resource, ecological and carbon accounting methodologies which are consistent with thermodynamics and ecological principles. A particular focus of his research is how to combine different methods to optimise their use for design and policy making.

Rory O'Sullivan (Moltex Energy)



Rory O'Sullivan BA BAI CEng MIMechE obtained a 1st class honours in Mechanical and Manufacturing Engineering from Trinity College Dublin having also studied Mechanical Design Engineering at l'INSA de Lyon in France. His career started at the Bouygues group, an international construction company, before being promoted to project manager running £50m+ projects where he was awarded the Duke of Gloucester's Young Achiever Award. Rory has since cofounded Energy Process Developments Ltd to develop advanced nuclear where he led a government funded feasibility study on the development of a prototype Molten Salt Reactor. Rory has sat on the Molten Salt Reactor advisory committee to the International Atomic Energy Agency and was recently named as a Standout in the 2016 Forbes 30 Under 30 Europe list for his work with Molten Salt Reactors. He is currently lead engineer on the development of the Moltex Energy Stable Salt Reactor.

Robert Andrews (Andronics Communications Ltd)

Against

Professor John Barry (QUB School of Politics, International Studies and Philosophy/Green Party/
Centre for Advanced Sustainable Energy Research)



John Barry is Professor of Green Political Economy in the School of Politics, International Studies and Philosophy at Queens University Belfast. His areas of research include green moral and political theory; governance for sustainable development; the greening of citizenship and civic republicanism; green politics in Ireland, North and South; the political economy and politics of the transition to a low carbon energy economy . His numerous books include 'Rethinking Green Politics: Nature, Virtue and Progress (1999)' which was named winner of the Political Studies Association Mackenzie prize for best book published in political science. His latest book is The Politics of Actually Existing Unsustainability (2012) published by Oxford University Press.

Niall Bakewell (Friends of the Earth)



Niall Bakewell has been Friends of the Earth's Northern Ireland Activism Coordinator since 2007. Before that he was a fundraiser for Greenpeace UK. He is a QUB graduate in History and Politics. He lives in Belfast, but works throughout Northern Ireland with communities on the frontline of the fight for environmental justice. As part of the Friends of the Earth Northern Ireland team he advocates for robust and independent environmental regulation; strategic action on climate change; a genuinely participative planning system; transparent and accountable government; environmentally, socially and economically just transport policy; and general democratic reform.

Thomas Cromie (AgriAD/ Centre for Advanced Sustainable Energy Research)



Thomas Cromie is an experienced business and project developer, consultant and project manager with over ten years expertise within the anaerobic digestion sector in the UK and Ireland. Specific technical areas: anaerobic digestion (project funding, contract negotiation, technology selection, biogas utilisation, project design; performance optimisation and enhancement; feedstock management; agriculture; waste); nutrients. He is active in renewable energy policy development (external stakeholder for Dept of Agriculture and Rural Development and for Dept of Enterprise Trade and Investment) and innovation support (Steering committee of the Center of Advanced Sustainable Energy). His specialties include project funding for anaerobic digestion, contract development and relationship building; technology foresight; strategic innovation; advice to SMEs.



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