



Outline Programme for IGI Conference 2024 Climate & Sustainability – The Responsibility of the Geoscientist

Thursday 23 May 2024			
09:00 - 10:00	Registration & Welcome		
Session 1 10:00 – 11:30	Keynote Address Critical Raw Materials Act (CRMA)	Professor John Sweeney, Maynooth University Mairéad Fitzsimons, Principal Geologist, Department Environment, Climate and Communications	
	Financing Ireland Mineral Potential	John Teeling, Chairman, Arkle Resources, PLC Eoin McGrath, Principal Geologist, Geological Survey Ireland	
	Environmental Mine Rehabilitation	Stephen Weston, Principal Consultant, Tembusu Sustainability & Risk Management	
11:30-12:00	Coffee Break		
Session 2 12:00 – 13:00	Planning and Legislative Reform	Senior Adviser (Planning) (name TBC) for the EU and International Planning Regulation unit from the Department of Housing, Local Government and Heritage	
	Environmental Licencing Reform	Eoin Deegan, Principal Officer, Environmental Policy Division, DECC	
	Panel discussion	Eoin Deegan, Planner (TBC), Stephen Wheston, John Teeling	
13:00 - 14:00	Lunch		
Session 3			
	Subsurface thermal storage and the considerations for planning Hydrogen Salt Storage	Professor Martin Bloemendal, Assoc. Professor, TU Delft & Lead Scientist at TNO: Underground Thermal Energy Storage	
Session 3 14:00 – 15:00	the considerations for planning	Delft & Lead Scientist at TNO: Underground Thermal	
	the considerations for planning Hydrogen Salt Storage Assessment Project: Assessing hydrogen storage potential	Delft & Lead Scientist at TNO: Underground Thermal Energy Storage Keith Byrne, Geophysicist and Energy Consultant, Aspen	
	the considerations for planning Hydrogen Salt Storage Assessment Project: Assessing hydrogen storage potential within manmade salt caverns CCS in Ireland: potential and	Delft & Lead Scientist at TNO: Underground Thermal Energy Storage Keith Byrne, Geophysicist and Energy Consultant, Aspen Energy Consulting Dr Kara English, Lecturer in Sedimentology &	
14:00 – 15:00	the considerations for planning Hydrogen Salt Storage Assessment Project: Assessing hydrogen storage potential within manmade salt caverns CCS in Ireland: potential and policy	Delft & Lead Scientist at TNO: Underground Thermal Energy Storage Keith Byrne, Geophysicist and Energy Consultant, Aspen Energy Consulting Dr Kara English, Lecturer in Sedimentology &	
14:00 – 15:00	the considerations for planning Hydrogen Salt Storage Assessment Project: Assessing hydrogen storage potential within manmade salt caverns CCS in Ireland: potential and policy Coffee Break Skills for the Energy transition Using the subsurface: the importance of geoscience data and stakeholder engagement	Delft & Lead Scientist at TNO: Underground Thermal Energy Storage Keith Byrne, Geophysicist and Energy Consultant, Aspen Energy Consulting Dr Kara English, Lecturer in Sedimentology & Sustainable Geo Energy Research, UCD Dr Marie Cowan, Science Director, Geological Survey	
14:00 – 15:00 15:00 – 15:30 Session 4	the considerations for planning Hydrogen Salt Storage Assessment Project: Assessing hydrogen storage potential within manmade salt caverns CCS in Ireland: potential and policy Coffee Break Skills for the Energy transition Using the subsurface: the importance of geoscience data	Delft & Lead Scientist at TNO: Underground Thermal Energy Storage Keith Byrne, Geophysicist and Energy Consultant, Aspen Energy Consulting Dr Kara English, Lecturer in Sedimentology & Sustainable Geo Energy Research, UCD Dr Marie Cowan, Science Director, Geological Survey Northern Ireland Dr Aoife Braiden, Research Manager, Geological Survey	





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Session 1 09:30 – 11:00	Recap	
	"EU Taxonomy & Climate Risk - what you need to know"	Shane Herlihy - Managing Director, Environmental Risk Solutions
	Climate Risk - Perspectives from the frontline	Vincent Fitzsimons, Head of Flood Risk, Scottish Environmental Protection Agency
	Environmental Insurance – Risks & Opportunities	Yvonne Ledger and Vicky Evans - Senior Environmental Underwriters - SCOR Insurance
11:00 - 11:30	Coffee Break	
Session 2 11:30 – 13:00	Panel Discussion	
	Introduction to EDI and geoscience working group	Aisling McDonnell/Cian O'Hora, EDI Working Group, IGI
	Women in Geoscience	Aline Melo - Brazilian Association of Women in Geosciences
13:00 - 14:00	Lunch	
Session 3 14:00 – 16:00	Workshop with Nic Bilham (GFGD)	consultant on sustainability in metal and mineral supply chains and chair of trustees of Geology for Global Development