

A SHARED RESPONSE TO A SHARED RESPONSIBILITY

The Mary Robinson Climate Conference 2024

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#MRCC24



Welcome

The Mary Robinson Centre and our partners at University of Galway are delighted to welcome you to Ballina for the second Mary Robinson Climate Conference. The theme of this year's conference is '*A Shared Response to a Shared Responsibility*', a theme that we know will resonate with all of our attending delegates as we meet to consider how we address the issues arising as a result of climate change and biodiversity loss.

Thanks to our invited speakers and session panellists, the conference presents a wide range of themes and activities for you to engage in during your time in Ballina – from presentations on climate justice to youth voices, from a swap shop to a repair café, and an evening climate café at The Mary Robinson Centre to create a space to digest and discuss the day's presentations.

So many of our delegates have indicated they will travel to Ballina by public transport, and we thank you for that consideration. While here, we encourage you to minimise waste by using reuseable cups and water bottles where possible. We also invite you to discover our town and see some of what it has to offer!

Your feedback on your experience here is very valuable to us, enabling us to improve on the programme and experience we offer in future events. Please tell us about your experience here - <https://www.surveymonkey.com/r/ZVPTBH3>.

But mostly, we'd like to thank you for attending, participating, sharing and connecting. We hope your participation here has sown the seeds for future climate action!

Susan Heffernan, The Mary Robinson Centre

Professor Peter Croot, Conference Co-Chair, University of Galway

Dr Gesche Kindermann, Conference Co-Chair, University of Galway

Dr Kathy Reilly, Conference Co-Chair, University of Galway

PS – There may be errors and omissions in this document. Please let us know of any corrections at info@maryrobinsoncentre.ie.

After the conference, we'll link to all available presentations in this document.

Thank you!

The Mary Robinson Centre and the University of Galway would like to sincerely thank our partners, sponsors, speakers, session panellists and our host community in Ballina for making this event possible.



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Tuesday, 4 June, 2024

Time	Activity
14:00-17:00	<p>Registration</p> <p>Pre-conference registration open. Avoid the rush by registering in advance.</p> <p>Venue: <u>Ballina Arts Centre</u></p>

Time	Activity
10:00-17:00	<p>Our Changing Land</p> <p>Exhibition</p> <p>Students at Lisaniska NS near Ballina, together with their parents and grandparents, worked with artist Emma Donoghue to create 2 stunning artworks inspired by their conversations in the classroom and in their homes about the changes in local wildlife, farm life and plant life.</p> <p>This exhibition is on display until Thursday 6 June, when it returns to Lisaniska NS and students and grandparents will share their experience with Mary Robison on a school visit.</p> <p>View the video here.</p> <p>Venue: <u>Ballina Library</u></p>

Wednesday, 5 June, 2024

Session 1

Venue: Ballina Arts Centre

Time	Activity
08:30-09:15	Registration
09:15-09:20	<p>Welcome</p> <p>Conference welcome by conference Co-Chairs and Cathaoirleach of Mayo County Council Cllr Michael Loftus</p>
09:20-09:40	<p>Keynote Speaker</p> <p>Opening Address by Mary Robinson</p>
09:45-10:05	<p>Keynote Speaker</p> <p>Karen Wiltshire, Oceans and Coasts in the fast lane of climate change: a challenge for human future</p> <p>Alfred Wegener Institute for Polar and Marine Research.</p>
10:10-10:30	<p>Keynote Speaker</p> <p>Laura Costello, Head of Sustainability & Planet Services, THINKHOUSE & Ireland Lead, Purpose Disruptors</p> <p>Laura works for a sustainable world by accelerating cultural and business transformation toward a joyful, just and liveable future. She is growing a community of creative professionals working to reshape the advertising and marketing industry to tackle climate change. Laura is currently leading the Creative Ireland funded project Good Life 2030 Ireland.</p> <p>View Laura's presentation here.</p>
10:35-11:00	

	<p>Panel Discussion Facilitated Q&A session with keynote speakers</p>
11:00-11:30	<p>Coffee Break</p>

Session 2 – Various Venues

Time	Activity
11:30-12:30	<p data-bbox="432 398 1326 488">1.2.1 Climate Justice Universities: Reimagining the Transformative Power of Higher Education</p> <p data-bbox="432 535 775 568">Venue: <u>Ballina Arts Centre</u></p> <p data-bbox="432 611 564 645">Workshop</p> <p data-bbox="432 687 1386 1093">All welcome to this interactive and inclusive discussion/workshop in which participants will collectively explore how universities can be better leveraged for transformative change for a more hopeful future. As climate instability worsens and economic precarity expands, climate justice is emerging as an integrated framework and set of priorities within higher education. Professor Jennie Stephens will lead the discussion by introducing ideas in her new book, <i>Climate Justice and the University: Shaping A Hopeful Future for All</i> (Johns Hopkins University Press, forthcoming December, 2024) in which she reimagines the potential of higher education to advance human well-being and promote ecological health.</p> <p data-bbox="432 1135 1382 1693">These provocative ideas will catalyze an interactive exploration of how higher education can accelerate the shift toward more equitable, healthy, and stable futures for all. By inviting collective reimagining of different priorities and structures within higher education, participants will be encouraged to disrupt long-held assumptions about how universities advance learning, research, and social change. This session will include active engagement of all in attendance to co-create strategies and tactics for a justice-first paradigm shift in higher education. This session embraces the idea that universities are critical infrastructure, and they are underleveraged institutions in society with potential to advance transformative climate justice and support systemic, structural, social and economic change for a more stable, healthy and prosperous future for all. The session will explore transformative educational initiatives and opportunities in Ireland and around the world in a hopeful and empowering way.</p> <p data-bbox="432 1736 892 1769">View the session presentation here.</p> <p data-bbox="432 1812 641 1845">Speakers & Bios</p> <p data-bbox="432 1888 1382 1955">Professor Jennie C Stephens, Professor of Climate Justice, ICARUS Climate Research Centre, Maynooth University, IRELAND.</p>

	<p>EMAIL: jennie.stephens@mu.ie</p> <p>Jennie C. Stephens is a feminist climate justice scholar-activist and energy democracy advocate. She is Professor of Climate Justice at the ICARUS Climate Research Centre at Maynooth University in Ireland, and she is the author of <i>Climate Justice and the University: Shaping a Hopeful Future for All</i> (Johns Hopkins University Press, 2024) and <i>Diversifying Power: Why We Need Antiracist, Feminist Leadership on Climate and Energy</i> (Island Press, 2020). Her work focuses on reclaiming and restructuring higher education to better leverage its power for the transformative changes that are needed for a hopeful future. Her research also studies climate obstruction, fossil fuel phaseout, and financial innovations for climate justice. She was a 2023-2024 Climate Justice Fellow at Harvard-Radcliffe, and was previously a professor at Northeastern University, University of Vermont, and Clark University. She earned her PhD at the California Institute of Technology and her BA at Harvard University.</p> <p>Dr. Martin Sokol, Associate Professor of Economic Geography, Trinity College Dublin, Ireland. EMAIL: SOKOLM@tcd.ie</p> <p>Martin Sokol is Associate Professor in Geography and the Director of the Finance, Economy, Society (FES) Research Group at Trinity College Dublin, Ireland. He is a founding member of the Global Network on Financial Geography and served as FinGeo's first Secretary between 2015 and 2022, before joining its Advisory Board. Martin has a PhD in economic geography from Newcastle University, UK. Prior to joining Trinity College Dublin in 2013, he was lecturing at Queen Mary University of London (QMUL) and University College London (UCL), among others. His research interests revolve around uneven economic development and finance. He was a Principal Investigator of GEOFIN, a European Research Council (ERC) Consolidator Grant project on new geographies of financialisation in Europe (2016-2022). Most recently, his research explores the links between finance and climate change, and the role finance and central banks play in promoting or inhibiting climate justice.</p> <p>Dr. Sinead Sheehan, Lecturer in Psychology, University of Galway. EMAIL: sinead.sheehan@universityofgalway.ie</p> <p>Sinéad Sheehan is a lecturer in the School of Psychology at the University of Galway with an interest in environmental and health psychology. She is particularly interested in behaviour change research which aims to discover how to engage more people in environmental activism, as well as research about climate-related mental health such as eco-anxiety, climate grief and solastalgia. Sinéad graduated with a PhD in psychology from the University of Aberdeen in 2014 and has been an environmental activist since 2018.</p>
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Time	Activity
11:30-12:30	<p data-bbox="435 309 1270 398">1.2.3 Food systems: impacts on and of climate change</p> <p data-bbox="435 445 876 479">Venue: <u>The Mary Robison Centre</u></p> <p data-bbox="435 524 761 557">Presentation & Discussion</p> <p data-bbox="435 600 1385 965">Global food systems - the complex networks of actors and actions involved in food production, processing, distribution and consumption - are responsible for one-third of anthropogenic greenhouse gas emissions, immense biodiversity loss, environmental pollution and natural resource degradation - transgressing boundaries for planetary health. With 750 people facing hunger, 3 billion people unable to afford a healthy diet, and one third of the world's population affected by overweight and obesity, it is clear that food systems are also failing human health. Furthermore, they are characterised by gross inequalities, corporate power concentrations and uncoordinated institutions for governance.</p> <p data-bbox="435 1010 1366 1189">In this session, we discuss how our food systems are contributing to climate change and how climate change is affecting food security. We delve into how effectively the food systems community is responding to the climate crisis, and why food systems are viewed as one of six critical themes to accelerate progress on the SDGs.</p> <p data-bbox="435 1234 890 1267">View the session presentation here.</p> <p data-bbox="435 1312 639 1346">Speakers & Bios</p> <p data-bbox="435 1350 1139 1384">Dr Anne Mullen, University of Galway, Galway, Ireland.</p> <p data-bbox="435 1388 957 1422">Ms Aileen Wynne, GOAL, Dublin, Ireland</p> <p data-bbox="435 1426 1181 1460">Ms Daisy Gallagher, Trinity College Dublin, Dublin, Ireland.</p> <p data-bbox="435 1464 1318 1498">Mr Sean Owens, Climate and Health Alliance Ireland, Dublin, Ireland</p>

Time	Activity
11:30-12:30	<p data-bbox="435 309 1374 394">1.2.4 The Reinvigorated Role of Rights in the Climate Crisis: EJNI-IEN Joint Session</p> <p data-bbox="435 445 783 479">Venue: <u>Newman Institute 1</u></p> <p data-bbox="435 524 646 553">Panel Discussion</p> <p data-bbox="435 600 1361 779">Environmental Justice Network Ireland (EJNI) is a Belfast-based platform organization linking environmental NGOs, activists and academics to take-action on environmental issues on an all-island basis. The Irish Environmental Network (IEN) is a network of individual environmental NGOs in Ireland that work to protect the environment.</p> <p data-bbox="435 824 1378 1153">This mixed academic – NGO led panel will examine how recent developments in human rights/participatory rights impact on the ability of individuals, communities and NGOs to take action on climate issues. A range of perspectives are considered, including the role of Aarhus Convention/procedural rights in climate change law, the reinvigorated role of human rights in climate litigation, the legal basis and threats to public participation in climate change policy, how rights of nature approaches can help address climate change, and the impact of community action on climate through a rights-based lens.</p> <p data-bbox="435 1198 1385 1568">This panel will highlight key developments in reframing rights-based approaches to climate change, as well as what they might mean for activists and communities on the ground. It will engage with the implications of recent ECtHR decisions, and domestic/EU legislative proposals that potentially diminish these rights at national and EU level. The panel will also consider whether these approaches can be leveraged fast enough to have a meaningful impact on key debates at local, national, supra-national and international levels, and how the legal frame work at national, EU and international level can better support grassroots led action in a participatory and deliberative manner.</p> <p data-bbox="435 1612 608 1641">Presentations</p> <p data-bbox="435 1648 983 1682">Alison Hough – view the presentation here</p> <p data-bbox="435 1688 1015 1722">Dr Orla Kelleher – view the presentation here</p> <p data-bbox="435 1729 1010 1762">Karen Cieselski – view the presentation here</p>

	<p>Papers Titles</p> <ul style="list-style-type: none"> i. Alison Hough BL, Senior Lecturer, Technological University of the Shannon/Environmental Justice Network Ireland: 'Access to Justice: Procedural rights as human rights- A New Hope?' ii. Dr. Orla Kelleher, Associate Professor, MU: 'The ECHR Strikes Back: The role of human rights in climate litigation.' iii. Mr. Julian Suarez, Centre for Law and the Environment UCC', TUS: 'Nature Awakens: Potentials and Pitfalls of Rights of Nature approaches' iv. Dr. Rónán Kennedy, University of Galway: Participation in Climate Change Law and Policy: Obligations, Possibilities, and Challenges'. v. Karen Cieselski, CEO of the Irish Environmental Network, 'Climate wars - how communities and NGOs battle climate change at grassroots level'. <p>Speakers & Bios</p> <p>Organiser/Speaker 1</p> <p>Alison Hough BL, Access to Justice Observatory Lead, EJNI/Senior Lecturer, Technological University of the Shannon.</p> <p>Alison Hough BL is a Senior Law Lecturer and researcher in TUS (formerly AIT), and former practising barrister. She leads the Access to Justice Observatory Project for the EJNI (Environmental Justice Network Ireland). This project examines EU and Irish legislative proposals for compliance with the Aarhus Convention. Alison has a track record of high-impact legal research, often co-produced in collaboration with eNGOs. She has published regularly on environmental law, Aarhus Convention and Brexit issues. She is An Taisce's Representative on ELIG Bureau (a governmental advisory body examining environmental law implementation in Ireland), and volunteers with a variety of local organisations including TUS FLAC Branch, Westmeath Climate Action Network (WECAN), and Westmeath Public Participation Network (WPPN).</p> <p>Speaker 2</p> <p>Dr Orla Kelleher, Assistant Professor at Maynooth University School of Law and Criminology.</p> <p>Dr Orla Kelleher BL is an assistant professor at the School of Law and Criminology at Maynooth University where her research and teaching focuses on climate, environmental, and constitutional/human rights. She holds a PhD from University College Dublin, an LLM from the College of Europe and BCL (Law and French) degree from University College Cork. She is a qualified barrister having been called to the Irish Bar in 2020. Over the past two years, Orla has been funded to conduct engaged research on EU climate law and litigation with Environmental Justice Network Ireland. She also works with the Community Law and Mediation Centre for Environmental Justice on strategic environmental and climate litigation.</p>
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	<p>Speaker 3 Julián Suárez - Centre for Law and the Environment, UCC School of Law. Julián Suárez, LLB (Pontificia Universidad Javeriana), LLM (Universidad Nacional de Colombia), LLM (UCLouvain), is a Colombian PhD candidate at UCC School of Law undertaking a research project in the substantial and procedural legal implications of rights of nature. He practiced as a qualified attorney in Administrative Law in his home country for seven years. He has publications on the rights of nature and environmental human rights. He has also been an intern at An Taisce - National Trust for Ireland and at the Belgian Council for Alien Law Litigation, and an Assistant Lecturer at the Technological University of the Shannon. Julián has a keen interest in rights-based approaches to environmental protection and how these approaches can enhance existing environmental governance arrangements.</p> <p>Speaker 4 Dr Rónán Kennedy, School of Law, University of Galway. Dr Rónán Kennedy is an Associate Professor in the School of Law, University of Galway. He has written on environmental law, information technology law, and other topics, and co-authored two textbooks. He spent much of the 1990s working in the IT industry. He was Executive Legal Officer to the Chief Justice of Ireland, Mr Justice Ronan Keane, from 2000 to 2004. His involvement in environmental protection includes establishing the Ecology Society in what was then University College Galway as an undergraduate, and his membership of the Cloughjordan Ecovillage, including a period as chair of its board of directors.</p> <p>Speaker 5 Karen Cieselski, CEO of the Irish Environmental Network. Throughout her career, Karen has worked to promote and advance human rights, health, sustainability and social justice, with 25 years' experience in non-profit management, fundraising, communications, campaigning and advocacy. Karen is a firm believer in a thriving, dynamic civil society sector and in the power of impacting social change through collective action. As CEO of the Irish Environmental Network, Karen works to promote and advance the interlinked principles of environmental, social and economic sustainability by supporting members. She also serves as the Coordinator of the Environmental Pillar and is on the National Economic and Social Council and the Steering Committee of Coalition 2030, a coalition of more than 70 civil society groups which work together to advance and promote the UN Sustainable Development Goals in Ireland. Karen completed her undergraduate studies with a BA in Anthropology at James Madison University in the US and subsequently received a Master's Degree from the Open University in Environment, Policy and Society.</p>
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Time	Activity
11:30-12:30	<p>1.2.5 Climate Smart; a serious game for serious flooding</p> <p>Venue: <u>Newman Institute 2</u></p> <p>Join An Taisce's Climate Adaptation Officer, Ali Norman for a gamified workshop tackling Ireland's biggest threat!</p> <p>The iAdapt game allows you to experience the difficult decisions that policy officers and politicians have to take in adapting to climate change. What kind of climate response will you design and how will it change the way we live?</p> <p>Explore the platform here: https://climatesmart.ie/</p> <p>Description of session</p> <ul style="list-style-type: none"> • Introduction to Climate Adaptation (5min) • Nature-based Solutions (10min) • Q&A (10min) • The Climate Smart Platform (5min) • Playing the iAdapt Game (15min) • Group Feedback (5min) <p>View the session presentation here.</p> <p>Speaker Ms. Ali Norman, An Taisce, Dublin, Ireland</p>

Venue: Ballina Arts Centre

12:30-13:30	LUNCH for all delegates
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Field Trips

All field trips depart from and return to [Ballina Arts Centre](#) by coach

Time	Activity
13:30-17:00	<p>Wild Atlantic Nature</p> <p>Field Trip</p> <p>LIFE IP Wild Atlantic Nature is a wide reaching project primarily aimed at the delivery of environmental and social benefits through the conservation and restoration of blanket bog habitat in northwest Ireland, working closely with the local community.</p> <p>On this field trip you'll get the opportunity to see some of the work this project has delivered first hand.</p> <p>Participants should dress for the outdoors, and wear waterproof shoes or boots.</p>
16:00-18:00	<p>Kayak the River Moy</p> <p>Field Trip</p> <p>Kayak the River Moy in Ballina and discover the unique biodiversity of the river system. This is a beginner friendly kayak trip, where you'll learn some basic kayak skills as well as learn about the wildlife that lives along the river banks and underwater in Mayo's most famous salmon river.</p> <p>Participants should dress for the outdoors and wear water booties or old shoes. A change of clothes might be helpful in case you get wet!</p>

Session 3

Venue: Ballina Arts Centre

Time	Activity
13:30-14:30	<p data-bbox="432 488 1305 667">Mary Robinson in conversation with Laura Cook, Project Dandelion and Prof Tahseen Jafry, Mary Robinson Centre for Climate Justice, Glasgow Caledonian University</p> <p data-bbox="432 678 646 707">Panel Discussion</p> <p data-bbox="432 757 799 824">Project Dandelion Every Issue is a Climate Issue</p> <p data-bbox="432 891 1385 1220">Mary Robinson and Tahseen Jafry in conversation with Laura Cook. We are on the cusp of a clean energy future which, if the transition is just and equitable, could lead to our 'best times'. A new women-led* campaign global climate campaign, Project Dandelion is spreading the word that EVERY issue is a climate issue. In this special conversation, Mary Robinson and Tahseen Jafry speak to Laura Cook about why we must centre women's leadership on the intersectional issue of our time to build a safer, fairer future for all. Come to this conversation ready to ask yourself if you are ready to be a Dandelion too! ProjectDandelion.com</p> <p data-bbox="432 1283 1230 1317">*Women-led but not women only – all genders are welcome!</p> <p data-bbox="432 1346 799 1375">View the session video here.</p> <p data-bbox="432 1404 890 1433">View the session presentation here.</p> <p data-bbox="432 1500 1318 1568">This conversation will be preceded by a performance by Louisburgh Music School, Co. Mayo.</p> <p data-bbox="432 1615 639 1644">Speakers & Bios</p> <p data-bbox="432 1653 1385 1980">Laura Cook is a member of the Connected Women Leaders team driving Project Dandelion, a women-led global campaign for climate justice. Laura is an Honorary Fellow of the Royal Geographical Society of Scotland, recognised for her work in fostering intergenerational dialogue on the climate crisis, and is currently pursuing a PhD at the University of Birmingham on this topic. As a communications specialist, Laura brings over 15 years of experience in third sector communications in international development, climate advocacy, humanitarian aid, and ocean conservation. She served as communications advisor on climate</p>

	<p>change for The Elders, a distinguished group of independent global leaders of which Mary Robison is Chair. She now holds the position of Director of Communications at the Alliance to Feed the Earth in Disasters (ALLFED), an international NGO focused on resilient food solutions for global catastrophic food failures. In her spare time, Laura is a women’s rights advocate, is writing her first book and is an internationally award-winning photographer.</p> <p>Professor Tahseen Jafry founded the Mary Robison Centre for Climate Justice at Glasgow Caledonian University and currently serves as its Director. She is an established global thought leader, an award-winning researcher with extensive research and development experience on the social justice and equity aspects of climate change locally, regionally and internationally. She has worked in many countries in Sub-Saharan Africa, South Asia and Small Island States for 30 years. Her research interests include natural resource management & food security, energy justice, tackling climate inequality, climate induced migration and conflict, gender and climate finance, the psycho-social impacts of climate change and more recently just transition to achieve net zero in Scotland and beyond. She is Editor of the Routledge Climate Justice Handbook and the Elsevier Climate Justice Handbook Series. She founded the World Forum on Climate Justice and acts as the Chair of the Forum. Professor Jafry established the globally unique MSc Climate Justice and Climate Justice Doctoral Training Programme & supervises thesis to doctorate level.</p> <p>Louisburgh Voices is a mixed-voice adult choir, founded in 2018 by Dr Pauline Graham and Michael Quinn. Pauline is a music graduate of the Royal Conservatoire of Scotland and the Royal Conservatory, The Hague; she completed a doctorate in musicology at UCD, focusing on the sacred music of William Byrd. The choir performs a diverse range of repertoire, from medieval to contemporary, and presented Louisburgh’s first opera – Purcell’s Dido and Aeneas – in 2019. Louisburgh Voices collaborated with Cór Mhaigh Eo and the ConTempo Quartet for a performance of Fauré’s Requiem at Ballintubber Abbey last November, and is planning a medieval Christmas Concert in Westport later this year. The choir has raised funds for several charities, including Ballintubber Abbey Trust, Daisy Lodge, Cong, and Mayo-Roscommon Hospice.</p>
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Session 4 – Various Venues

Time	Activity
14:30-15:30	<p data-bbox="432 365 1257 450">1.4.1 How do we embed climate literacy and sustainability in 3rd level education?</p> <p data-bbox="432 501 772 533">Venue: <u>Ballina Arts Centre</u></p> <p data-bbox="432 577 759 609">Presentation & Discussion</p> <p data-bbox="432 651 1345 981">This session will entail 3 presentations of approximately 10-12 minutes followed by a panel discussion on how to engage University students. Young adults will be the leaders of the future, but they need the necessary skills such as communication, critically thinking, the ability to question social norms and to have self-awareness to make effective change for the future. This session will look at how the university sector can engage with young people so that when they go out to industry, they have the required skills to implement changes in their respective discipline areas.</p> <p data-bbox="432 1025 624 1057"><u>The Challenge</u></p> <p data-bbox="432 1066 1377 1245">Young adults aged 18-22 will be impacted more by climate change than those of previous generations. They are conscious of the climate change issue, after all they have heard about it their entire life. While on the face of it this sounds good, the reality is that this poses challenges. For example some young people might feel:</p> <ul data-bbox="483 1252 1358 1469" style="list-style-type: none"> • Climate fatigue i.e. disengaged from the topic as they feel nothing is being done. • Lack of urgency- adults have known for their entire life time and nothing has changed, so is this really an emergency? • Climate anxiety - the topic is so big they don't know where to start. <p data-bbox="432 1514 1377 1693">However, when you combine the above challenges with the realisation that they do not engage with traditional news, they do not read reports and they are heavily influenced by their peers, you begin to realise that 3rd level education is an ideal opportunity to develop the skills required to make effective change.</p> <p data-bbox="432 1738 584 1769"><u>The Session</u></p> <p data-bbox="432 1778 802 1809"><u>Presentations (3 x 10-12mins)</u></p> <p data-bbox="432 1818 1377 1955">Dr. Niamh Power from Munster Technological University will speak on 'What students need to deal with sustainability issues?' the importance of giving the student the required skills in practical ways. By putting the student and young people to the center of focus, she finds that the</p>

	<p>student, lecturers, university and industry have common goal in terms of developing skills that are fit for purpose for an every changing world. She will look at what students want, the skills required by industry and how the 3rd level sector can provide the opportunity to develop these skills during their studies that are relevant for the specific discipline.</p> <p>Dr. Noelle O'Connor from the Technical University of the Shannon will discuss 'Sustainable Tourism – How we raise Awareness Across the Sector'. She will look at how we can engage young people entering into the tourism sector to look at sustainable tourism options. Sustainable tourism is a term gathering momentum in Ireland and refers to sustainable practices in and by the tourism industry. Giving skills to mitigate potential negative impacts (damage to natural environment) while also highlighting the possible positive images (cultural heritage preservation).</p> <p>Dr. Aisling O'Gorman & Maria Cullinane will highlight their project on 'Rapid Curriculum Renewal for Sustainability (RCRS)'. The presentation will showcases the process to apply a RCRS approach to two engineering programmes through a student-staff partnership by focusing on. Awareness raising and developing a common understanding of education in sustainable development for both staff and students. Bridging and outreach with industry and other stakeholders to expedite strategic content renewal incorporating the development of the sustainability mindset informed by dialogue with external stakeholders. But the importance of engaging the university student in this process of one of the main feature of the process.</p> <p><u>Panel discussion (20 minutes approx.)</u></p> <p>A panel discussion chaired by Mark Kelly in the Atlantic Technological University on 'How do we embed climate literacy and sustainability in 3rd level?', will follow the presentation. The focus of the panel discussion will be around engaging the student and to a lesser extend the role of the lecturer and university. The Panel members all have practical examples from their own, teaching & learning activities, research projects, learning networks & workshops to ensure that those who are attending the session are engaged with the discussion regardless of whether they are fro an educational background.</p> <p>This proposed session is complimentary to another session proposed by Mark Kelly (ATU) & John Scahill (TUDublin).</p> <p>Session Presentations</p> <p>Dr Niamh Power – presentation here Dr Noelle O'Connor – presentation here Dr Aisling O'Gorman – presentation here Dr Mark Kelly – presentation here</p>
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	<p>Speakers & Bios</p> <p>Dr. Niamh Power, Munster Technological University, Cork, Ireland. niamh.power@mtu.ie Niamh is the current Chairperson of the Environmental Science association of Ireland. She is a Curriculum Developer in Munster Technological University and a lecturer & research in environmental engineering. Her interests focus on the area of sustainability with particular expertise in waste management, renewable energy, sustainability and the circular economy. She is involved in a number of large national and EU research projects on the circular economy. Dr. Power is also working on the N-TUTORR project as the sustainability lead for MTU and is looking embedding education for sustainable development with higher education.</p> <p>Dr. Noelle O'Connor, Technological University of the Shannon, Limerick, Ireland. Noelle is Senior University Lecturer (N-TUTORR), Educational Developer and Researcher at the Technological University of the Shannon (TUS). Previously, she was the Senior Lecturer in Tourism and Hospitality Management in TUS and the Acting Head of the Department of Languages, Tourism, and Hospitality at the South East Technological University (SETU). She have lectured for many years in other Irish higher education institutes including Technological University Dublin. She is on the Editorial Review Board for many of the leading tourism journals namely Annals of Tourism Research. Her research focuses on travel and tourism management, Education for Sustainable Development and gender equality within higher education.</p> <p>Dr. Aisling O'Gorman, Munster Technological University, Cork, Ireland. Dr. Aisling O Gorman is a chemical engineer and a graduate of Queen's University Belfast. She is the Programme Coordinator for the B. Eng.(Hons) degree in Chemical & Biopharmaceutical Engineering in MTU and delivers modules throughout the four years of the degree programme. She is particularly interested in looking at new or alternative ways of incorporating sustainability into the engineering curriculum as well as innovation and entrepreneurship and developing student competencies for the workplace. Aisling is a proponent of student-staff partnership and has recently been working on a number of projects with student partners to develop module content, to redesign assessment methods and to develop programme content.</p> <p>Ms Maria Cullinane, Munster Technological University, Cork, Ireland. Maria Cullinane is the MTU Programme Coordinator for Sustainable Energy Engineering and a lecturer in the Department of Process, Energy & Transport Engineering</p>
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	<p>Dr. Mark Kelly, Atlantic Technological University, Galway, Ireland Dr. Mark Kelly is the Head of the ATU Galway-Mayo Centre for Sustainability and Senior Lecturer in the Department of Building and Civil Engineering</p>
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Time	Activity
14:30-15:30	<p>1.4.2 What is eco-anxiety and what can we do about it? A participatory workshop</p> <p>Venue: <u>Ballina Civic Offices</u></p> <p>Workshop</p> <p>The term "eco-anxiety" has been bandied about in the media, but what does it mean? One line of argument suggests that climate-related emotions including worry, anger, sadness and guilt, may be conceptualised as distress, and are in fact a "normal" response to the planetary crisis. However, awareness and concern about the climate and biodiversity crisis can place a huge burden on young people or anyone experiencing this distress, especially when there is uncertainty about what to do about it. The University of Galway eco-wellbeing research group is a transdisciplinary collaboration that has formed in response to the issue of eco-anxiety and the workshop will consist of short presentations by four members of the eco-wellbeing group on current research, practice and interventions around climate-related emotions and mental health, followed by a participatory discussion on the topic. The discussion will be facilitated by experienced members of the eco-wellbeing team. It is hoped that because the workshop includes an emphasis about what to do in relation to emotional response to climate change, participants who experience or witness climate-related distress will feel supported by the experience of taking part and may find out about useful resources and information to help them or others cope.</p> <p>Speakers & Bios</p> <p>Dr Sinéad Sheehan, Lecturer, School of Psychology, University of Galway Dr. Sinéad Sheehan is a lecturer in the School of Psychology, University of Galway and has an interest in climate and health psychology. Sinéad is engaged in research about climate-related mental health, including emotions and cognitions related to the planetary crisis and interventions to cope with these emotions. She is also interested in understanding pro-environmental behaviour, particularly collective pro-environmental behaviour such as environmental activism, as an antidote to climate anxiety and an important component of societal change. Sinéad has been an environmental activist for the last six years.</p> <p>Fiona Roche, Student Counsellor, University of Galway Fiona Roche is a biodynamic & integrative psychotherapist and an eco-psychotherapist working in University of Galway's Student Counselling & Wellbeing Service. Fiona is a Gaeilgeoir and has community development practice training. Her BA was in Archaeology and An Ghaeilge and she holds a postgraduate diploma in applied Irish and</p>

	<p>translation. Fiona is a mindful self-compassion teacher and is apprenticing as a facilitator in the work of Joanna Macy. The common denominator in Fiona's work and practice is Fiona's love of earth, language and culture and her fascination with how people interface with these and in finding and creating opportunities therein to promote a non-dualistic view of the world. She is involved in Eco wellbeing research and is excited at having secured a new office with a private garden in which to support student clients exploring self while also bringing attention to the other than human in the field.</p> <p>Aisling Harrington, Health Promotion Officer, Foróige Aisling Harrington is a Health Promotion Practitioner, working in Foróige, the National Youth Organisation and has an interest in the relationship between climate change and public health. With a background in Health Promotion, she has been involved in and conducted research on climate related change on human health and wellbeing. Aisling is passionate about raising awareness and promoting climate- related health issues. As a participant in the climate conference, Aisling looks forward to engaging with fellow attendees to exchange knowledge, foster collaboration, and advance solutions for a healthier, more sustainable future for all.</p> <p>Caitríona Carlin, PhD, Lecturer, School of Natural Sciences, University of Galway Dr. Caitríona Carlin is a lecturer in Environmental Science, in the School of Natural Sciences, University of Galway. Her work in nature conservation led to her interest in engaging people with nature, and nature connectedness. She co-led the EPA and HSE funded NEAR Health project, along with Dr Gesche Kindermann and Dr Easkey Britton. She is interested in how people's attitudes regarding biodiversity influence their actions for sustainability and climate. This includes eco-health, and co-creating nature-based programmes for health and wellbeing and resilience. She has expertise in butterflies and bats in Ireland, and practice-oriented participatory workshops.</p>
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Time	Activity
14:30-15:30	<p>1.4.3 Mapping Local Food Systems</p> <p>Venue: <u>The Mary Robison Centre</u></p> <p>Workshop</p> <p>We are Hinterland, a radically hopeful farmer, producer and chef. Creating innovative solutions for a just, equitable, healthy and sustainable food system.</p> <p>Based in Galway we are in collaboration with Both & Group land architects initiating a mapping campaign of our food system.</p> <p>Local food system mapping can highlight:</p> <ul style="list-style-type: none"> • the strengths and benefits that local food brings to local culture and the local environment • the contribution local food makes to the local economy • the importance of employment in the local food web • the value placed on local food by people living and working in the community • the climatic vulnerabilities of the food system and obstacles and gaps which may need to be addressed. <p>*Session adapted from MAPPING LOCAL FOOD WEBS TOOLKIT - Food Matters is a national food policy and advocacy organisation with expertise in participatory development.</p> <p>www.foodmatters.org</p> <p>Our Website: https://www.hinterlandwest.ie</p> <p>View the session presentation here.</p> <p>Speakers & Bios Mr Fergal Anderson, Hinterland / Talamh Beo, Galway, Ireland Mr Enda McEvoy, NUIG graduate - MSc Climate Change & Food Security, Galway, Ireland. Ms Claire Davey, NUI Maynooth graduate - Community Work/Applied Social Studies, Galway, Ireland</p>

Time	Activity
14:30-15:30	<p>1.4.4 Decarbonisation via electric mobility: environmental, infrastructural, and societal considerations</p> <p>Venue: <u>Newman Institute 1</u></p> <p>Workshop</p> <p>Mobility is a core activity in everyday life as we move between home and work, education and leisure. Depending on the mode of transport we use, these movements can have variable impacts on the environment and climate. Switching to electric mobility is of key importance to decarbonising the transport sector. Beyond emissions reductions, modal shift away from combustion engines offers several co-benefits for health, traffic, and the environment. Electric mobility can take many forms, including electric bikes, cargo bikes, scooters, cars and microcars. Our roundtable session will examine the role and potential of electric mobility in decarbonisation efforts within the transportation sector. Focusing on the dichotomy between electric cars and e-bikes, we will explore the comparative environmental impacts, infrastructure requirements, and societal implications associated with each of these modes of transportation. We will also explore the full electric mobility spectrum, ranging from e-bikes to scooters to cars, as well as lightweight microcars/quadricycles, to understand the diverse range of options available and their respective contributions to reducing carbon emissions. The session will be in roundtable format to encourage synthesis of ideas across speakers, and to facilitate engagement with ideas from the audience. Drawing on their own and others' research and experience, the speakers will share their perspectives on how various forms of electric mobility can co-exist for a more sustainable future. Questions, ideas, comments and suggestions from the audience will be invited to further explore the environmental, infrastructural and societal impacts of various forms of electric mobility.</p> <p>Speakers & Bios James Green, University of Limerick Email: james.green@ul.ie James Green is a Chartered Health Psychologist and Associate Professor with the School of Allied Health, and a core member of the Physical Activity for Health Research Centre, Health Research Institute, at the University of Limerick. James has broad, interdisciplinary interests, including how habits may underpin maintenance of behaviour, and work either for or against behaviour change. He currently leads the SEAI and Department of Transport funded ISCycle project (www.iscycle.ie), which</p>

	<p>aims to produce lasting modal shift from private car to ebikes. This project also includes work on life-cycle assessment of ebikes, and the extent to which modal shift may reduce other environmental impacts such as pollution, as well as health co-benefits from more physical activity. Many of his previous projects have been culturally-located: research with ethnic minorities or in low and middle income countries.</p> <p>Abhilash C. Singh, University of Limerick Email: abhilash.singh@ul.ie</p> <p>Abhilash C. Singh is a postdoctoral researcher on the ISCycle project in the School of Allied Health, University of Limerick. His research interests revolve around the comprehensive exploration of human choice behaviour using econometric and machine learning methodologies. His work has advanced these methods to enhance our understanding of how individuals and households make complex decisions related to their daily activity patterns. He obtained his PhD in transportation engineering in 2023 from Imperial College London, UK, a Master of Science in Engineering with a specialization in Transportation Engineering in 2018 at The University of Texas at Austin, and a Bachelor of Technology degree in Civil Engineering, which he earned in 2016 from the Indian Institute of Technology, Bombay. He is an Imperial College Global Fellow awardee (2022) and Turing Scheme research awardee (2022).</p> <p>Una L'Estrange, Irish Cycling Campaign & Sligo Cycling Campaign Email: una.lestrange@gmail.com</p> <p>Una L'Estrange is living in Sligo since 2001. Before that she lived in Dublin. She is a lecturer in ATU Sligo and has been using a bicycle for transport for the whole of her adult life. She purchased an e-bike last year using the bike to work scheme and has dramatically reduced her car use since the purchase. Sligo is both hilly and windy and an electric bike makes both of these disappear. As a mother to two teenage children she is highly conscious of the need for safe infrastructure so that everyone can enjoy the independence that traveling by bicycle brings.</p> <p>Louise Foley, University of Limerick Email: louise.foley@ul.ie</p> <p>Louise Foley is a researcher at University of Limerick, working on the Inclusive Sustainable Cycling (ISCycle) project. ISCycle is studying the impact of ebike loans on individuals' travel behaviours and habits. The project offers participants a choice from a wide range of ebikes including folding ebikes, commuter ebikes and cargo ebikes for 4-12 weeks. With a background in health psychology, Louise is interested in the healthy co-benefits of changing transport behaviours from private car use to more active modes, including impacts of ebiking on physical activity.</p>
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	<p>Lorraine D'Arcy, Technological University Dublin Email: Lorraine.DArcy@TUDublin.ie</p> <p>Lorraine D'Arcy is TU Dublin's Sustainability Action Research and Innovation Lead who brings over 20 years' experience of trans-disciplinary project development and community engagement from her research, teaching and practice to the team. She is a leading contributor to Irish public debate and policy development around the transport, planning, health, equity, behaviour science and climate nexus. She was Conference Lead for Walk21 Ireland 2022 – the International Conference on Walking and Liveable Communities hosted by TU Dublin in September 2022, funded by the Departments for Transport, Health and Tourism, Culture, Arts, Gaeltacht, Sport and Media. She is a Civil Engineer with a background in traffic engineering, transportation planning and materials science (asphalt) and has worked in sport, physical activity and health policy and promotion. She also holds a PhD in exercise and environmental psychology which focused on how streets, neighbourhood design and social determinants influence our transport and health behaviours.</p> <p>Brian Caulfield, Trinity College Dublin Email: brian.caulfield@tcd.ie</p> <p>Brian Caulfield is Head of Discipline in the Department of Civil, Structural and Environmental Engineering, Trinity College Dublin. His research addresses global issues such as the environmental impacts of transport and methods to reduce the carbon impacts of transport. Prof Caulfield has published over 200 papers in international journals and conferences and to date has been awarded approx. €7 million in research funding. He currently has 9 PhD students and 6 postdoctoral researchers in his research group. He is an Editor of Transport Policy, a leading international highly ranked journal. He is a member of the International Editorial Board of Transportation Research Part D: Transport and Environment, Case Studies on Transport Policy, the Journal of Cycling and Micro-mobility Research, and the Journal of Transport Geography.</p>
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Time	Activity
14:30-15:30	<p>1.4.5 The Net-Zero Synergy</p> <p>Venue: Newman Institute 2</p> <p>Board games have been memorable experience for many of us, offering a double package of entertainment and insights into strategy, negotiation, and decision-making. The Net-Zero Board Game 2050 provides a unique blend of business strategy with sustainability, offering players a chance to navigate the complex pathways to a carbon-neutral economy. Let's transform the learning experience from passive knowledge absorption to active, event-driven problem-solving. In a race of winning the game, the subject matter under consideration 'net-zero' becomes a personal problem, which than makes players realise how complicated and multifaceted this challenge is, in reality. During the game session, students take on the roles of business leaders, making strategic decisions to create a portfolio of net zero greenhouse gas emission companies. Learners grapple with real-world challenges, from managing value chains and navigating carbon event news to strategically deploying green executives. This approach ensures that participants are not just passively listening, but they take hands on active part in the renewable energy discourse.</p> <p>View the session presentation here.</p> <p>Speaker & Bio Lala Rukh, University of Galway, l.memon1@universityofgalway.ie Lala Rukh is a doctoral researcher at MaREI–Science Foundation Ireland Research Centre for Energy, Climate and Marine research and innovation. She is working on energy performance contracting (EPCs) framework for energy transition into built environment. She is an electrical engineer with double master's in energy systems and marine plastics abatement. Apart from conventional education, she participated in a summer school at Robinson College - University of Cambridge (2022), participated in (Physics) Nobel Laureates Meeting in Lindau Germany (2019), worked at Coventry University (2018), studied one semester in the United States for a cultural exchange program-Global UGRAD (2015).</p>

Venue: All Venues

15:30-16:00	Coffee break
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Session 5 – Various Venues

Time	Activity
16:00-17:00	<p>1.5.1 How Irish Lab workers take responsibility for the environmental footprint of labs</p> <p>Venue: <u>Ballina Arts Centre</u></p> <p>Laboratories are increasingly recognised as energy- and resource-intensive spaces. The average laboratory can use up to 10-times more energy, and 4-times more water than the typical office space. However, they have often been overlooked in efforts to become more sustainable across industry, academia, and healthcare.</p> <p>My Green Lab was founded in 2013, with the mission of building a global culture of sustainability in science, and promoting the science laboratory sector as a site of impactful climate action (see https://www.mygreenlab.org/). With over 2,600 laboratories across 45 countries enrolled in what is the only UNFCCC-endorsed Green Lab Certification Programme, lab scientists are playing a crucial role in mitigating the climate and biodiversity poly-crisis.</p> <p>Come and join University of Galway, Marine Institute, and My Green Lab, to learn how they are accelerating sustainability in our Irish lab sector, through education, actions, and the Irish Green Labs network (see https://irishgreenlabs.org/).</p> <p>Presentations Mr Jack O'Grady – presentation here Prof Úna FitzGerald – presentation here Dr Jane Kilcoyne – presentation here</p> <p>Speakers & Bios Mr Jack O'Grady Jack graduated from Munster Technological University in 2019 with a First Class Honours Degree in Nutrition & Health Science and has worked in PepsiCo and Regeneron. While in PepsiCo, Jack spearheaded the project for PepsiCo's pursuit of My Green Lab Certification for laboratories across multiple European PepsiCo sites. This led to his current position as Senior Programmes Manager at the International Non-Profit Organisation, My Green Lab. He is based in Limerick, Ireland, from where he supports laboratories globally involved in the My Green Lab Certification Programme. His responsibilities also involve the</p>

	<p>administrative work and management of the International Freezer Challenge and the My Green Lab Ambassador Programme, supporting Lead generation for My Green Lab, and project managing the Science Foundation Ireland Sustainable Lab Pilot Programme. Further, Jack has presented at numerous virtual/in-person national and international conferences, including SmartLab Exchange Europe, CTLS 2023, Lab Innovations, and the GAMBICA Lab Supplier Conference.</p> <p>Prof Úna FitzGerald</p> <p>Dr FitzGerald is an Associate Professor of Biomedical Engineering and funded Investigator within CÚRAM, the SFI-funded National Centre for Research on Medical Devices. After gaining a BE (Industrial) and MSc in Biotechnology from UCG, she worked abroad in the biotech sector for five years before completing a PhD in Molecular Biology at the University of Strathclyde, Glasgow. Since returning to Ireland in 2003, Úna's primary research focus has been Multiple Sclerosis (MS). In effort to reduce the negative impact that lab research has on the environment, Dr FitzGerald led the CÚRAM lab to be the first in Europe certified as 'Green' by US non-profit, 'My Green Lab' (see video documenting this here: https://vimeo.com/375847945). This led to a chairing role in SEAI's working group for public sector labs and the co-founding of the Irish Green Labs network (see https://irishgreenlabs.org/). In November 2023, she received the SFI's inaugural award for 'Green Transition'.</p> <p>Dr Jane Kilcoyne</p> <p>Dr Jane Kilcoyne is an analytical chemist working in a My Green Lab certified laboratory in the Marine Environment and Food Safety Section of the Marine Institute, Galway. The laboratory runs Ireland's national monitoring program for the detection of marine biotoxins in shellfish. Jane will describe the journey (the challenges and successes) staff took to be more sustainable, leading to a 95% reduction in non-chemical waste, a 23% reduction of hazardous chemical waste and a 55% reduction in energy use. Importantly, being an ISO 17025 accredited laboratory, the team demonstrated that none of the changes had any impact on the scientific integrity of the results. These efforts have been published and widely recognised in the journals PLOS Sustainability and Transformation (6,237 views, 1,444 PDF downloads), Nature (Career Q&A, August 2022), and Expert Q&A section of Clinical Chemistry, November 2023.</p>
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Time	Activity
16:00-17:00	<p data-bbox="435 277 1225 315">1.5.2 Envisioning our Shared Future Together</p> <p data-bbox="435 367 794 398">Venue: <u>Ballina Civic Offices</u></p> <p data-bbox="435 443 759 474">Presentation & Discussion</p> <p data-bbox="435 519 1374 1037"> What is going on in today's world? What will we eat when the oil runs out? What future will we choose? These big questions set the stage for Envisioning our Shared Future Together, in which we will explore our current reality and our choices for the future. We are realising that our lives are at risk as the basics of food and housing become more challenging for many to obtain, even in rich countries like Ireland. The vulnerable homo sapiens somehow survived other major challenges, like ice ages and the sabre tooth tiger, through imagination, collaboration and altruism. This time, we are in a self-made predicament: We have depleted Nature, the systems of life upon which we depend for life. Re-connecting to Nature means a paradigm shift in our values. With nature, humanity can flourish. There are answers. The future is not inevitable. Humans are adaptable. How will we get there? </p> <p data-bbox="435 1081 954 1149"> Speaker Mr. Tom Butler, Astraea, Ardattin, Ireland </p>

Time	Activity
16:00-17:00	<p>1.5.3 Concern Worldwide - 1Planet4All Campaign</p> <p>Venue: <u>The Mary Robison Centre</u></p> <p>Workshop</p> <p>Are you interested in Climate Justice and want to explore the human rights issues related to the Climate Crisis?</p> <p>We would like to Amplify voices of those most affected by Climate Change and show examples of communities we work in affected by Climate Change.</p> <p>This session aims to address the global challenge of climate change as a driver of migration, conflict and hunger, through awareness raising and capacity building of youth, based on shared values of inclusion, tolerance, justice and solidarity.</p> <p>Provide learning opportunities that enable people to gain knowledge, develop new skills and social awareness, Provide Biodiversity, Health Wellbeing outdoor opportunities.</p> <p>View the session presentation here.</p> <p>Speakers Mrs Sinead Morgan - Concern Worldwide, Cobh, Ireland & Cobh, Cobh, Ireland. Mr Charles Ekalale - Concern Worldwide, Kenya, Kenya</p>

Time	Activity
16:00-17:00	<p>1.5.4 Communities Against the Injustice of Mining (CAIM)</p> <p>Venue: <u>Newman Institute 1</u></p> <p>Presentation & Discussion</p> <p>Communities Against the Injustice of Mining (CAIM) is an all-island network of and for communities affected by and resisting prospecting and extraction. We are a protective circle standing up for a life-sustaining world. We will explore the environmental injustices of mining in Ireland, highlighting the impacts on local communities and ecosystems. We will discuss the personal journey of some members with these injustices and how we have benefitted from being a part of the community, CAIM.</p> <p>We will discuss CAIM, how it has helped communities come together to support us and its aim as our introduction to the segment.</p> <p>Next, Sophia will use her personal story and statistics to discuss how her community has been affected by mining and what they have done to help with this. She will explore the environmental injustices of mining in Ireland, highlighting the impacts on local communities and ecosystems. She will also discuss how becoming part of CAIM has helped her branch out and help others in their fight along with receiving support from the group. She will also discuss how people can help support our group as well as how they can help their communities prevent some of these injustices occurring in their area.</p> <p>Then, Melina who works with her local environment groups and with the other local group called "Cappagh Farmers Support" will discuss how tailing the dam could break the Shannon estuary and for decades now the farmers and locals have been tormented by health issues and injustice of the government looking away. She will also briefly bring attention to the Aughinish Alumina plant.</p> <p>Lastly, Session will end with audience Q/A.</p> <p>View the session presentation here.</p> <p>Speakers & Bios Organiser: Sophia McConnon Email: mcconnonsophia23@gmail.com Phone number/whatsapp: 087102 3497</p> <p>Both Sophia McConnon and Melina Sharp are affiliated with CAIM, www.aimnetwork.org</p>

	<p>Session organiser Sophia McConnon is a part of her local group in County Monaghan called Magheracloone Against Mining. She along with Melina sharp our other speaker are affiliated with CAIM. Melina also works with her own local environment groups and with the other local group called "Cappagh Farmers Support".</p>
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Time	Activity
16:00-17:00	<p>1.5.5 Geodesign and games for climate action - co-creation approaches for citizen engagement</p> <p>Venue: <u>Newman Institute 2</u></p> <p>Workshop</p> <p>More than ever, there is a need for greater citizen engagement in climate adaptation, to not only mitigate the effects of climate change but to allow all citizens to present their visions for the future. One way of enhancing citizens' voices, and fostering greater engagement is by providing tools where users can come together to learn in a fun, creative and collaborative way, while providing a medium to begin tackling the complexities surrounding climate change and sustainability. The games and geodesign principles presented in this session promote co-creation activities to preserve the built and natural environment, offering novel alternatives to traditional methods. A fundamental characteristic of these tools is the leveraging of real-world geospatial data to create twins, so stakeholders can explore climate issues in their local areas in sandbox environments. The ability to play in, and adapt these gamified environments provide invaluable insights into citizen led co-creation and co-design.</p> <p>This session will present the work of three separate projects (SCORE, Craft-My-Street, and Heritact) which leverage serious games to develop ways for communities to engage with issues of climate change and sustainability. The approaches include the use of both analog and digital games as a medium to encourage greater levels of engagement and co-creation in tackling climate change. These will be followed by a panel discussion, where we will invite a number of climate action officers, educators, and audience members to discuss the utility of games and the presented solutions.</p> <p>View the session presentation here.</p>

	<p>Speakers & Bios</p> <p>Dr. Ítalo Sousa de Sena (organiser and speaker) Spatial Dynamics Lab, School of Architecture, Planning and Environmental Policy, UCD italo.sousadesena@ucd.ie Ítalo is a geographer with experience in Geographical Virtual Environments and immersive landscape visualisation. His research has been dedicated to exploring the potential of Minecraft as a tool for landscape visualisation and planning, and is currently a postdoctoral research fellow in the Spatial Dynamics Lab in UCD, managing various work packages for Craft-My-Street, SCORE, and Heritact projects. Ítalo received his doctorate in 2019, from the Federal University of Minas Gerais, where he explored the use of geogames to enhance players' perception of remarkable landscapes by recreating a UNESCO World Heritage site, Ouro Preto, Brazil, in Minecraft. Beyond academia he has contributed to various projects, including municipal master plan reviews, working with GIS-related tasks and spatial analysis. He has also provided physical environmental reports for numerous housing and mining projects in Brazil, and is co-founder of Vertentes Espeleogrupo (VEG), a speleology group that explores and studies caves in Campo das Vertentes Region, Minas Gerais, Brazil.</p> <p>Dr. Micheál Butler (organiser and speaker) Spatial Dynamics Lab, School of Architecture, Planning and Environmental Policy, UCD micheal.butler@ucd.ie Micheál's research focuses on the application of geospatial analysis and computer simulation techniques to study past and contemporary societal responses to environmental change. Most recently he completed his doctorate, entitled 'The development of a spatially explicit agent-based modelling framework to explore past vegetation dynamics' at the University of Bradford. This explored the use of contemporary woodland simulations for exploring human, and environmental disturbance of woodlands during the early and mid-Holocene. His PhD was integrated into the ERC funded Europe's Lost Frontiers project which explored the now submerged palaeolandscape of Doggerland (North Sea), through the use of seismic mapping, environmental analysis, sedimentary DNA and computer simulation. He is currently a postdoctoral researcher in the School of Architecture, Planning and Environmental Policy at UCD, working on the SFI Our Tech Challenge funded Craft-My-Street project. Previously, he was research scientist on the IRC COALESCE funded Looking Up project in the School of Archaeology.</p> <p><u>Websites</u> https://www.craftmystreet.com/ https://www.heritact.eu/</p>
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	https://score-eu-project.eu/
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Session 6 – Various Venues

17:00-18:00	<p>1.6.1 Tracking Climate Adaptation and Mitigation in Agricultural Systems using Satellite Remote Sensing</p> <p>Venue: Ballina Arts Centre</p> <p>Presentation & Discussion</p> <p>As temperatures rise and precipitation patterns become increasingly erratic, traditional agricultural practices face significant disruption. This volatility leads to economic losses, diminished crop yields, food insecurity, and heightened malnutrition rates. Populations at the greatest risk are those that are crucially dependent on agriculture and natural resources, with livelihoods that are particularly susceptible and vulnerable to climate change shocks and have an inadequate capacity to respond.</p> <p>Addressing these challenges, the TAPAS project harnesses the power of remote sensing data and predictive artificial intelligence. By monitoring crop stressors and unpredictable cultivation conditions, this initiative offers a proactive approach to safeguarding food production. Moreover, it holds the potential to play a pivotal role in supporting climate change adaptation strategies and inform policy decisions. Through its innovative application of technology, the TAPAS project holds the promise of fostering resilience within agricultural systems and enhancing food security on a global scale.</p> <p>Presentations Dr Dúalta Ó Fionnagáin - presentation here Yared Mesfin Tessema – presentation here Mukund Narayanan – presentation here</p> <p>Speakers & Bios Prof. Aaron Golden is the Lead Principal Investigator on the SFI funded Tracking Adaptation Progress in Agricultural Systems (TAPAS) project. Aaron is an Associate Professor in the School of Natural Sciences at the University of Galway. He is a professional astronomer and trained physicist interested in applying advanced data analytics to contemporary societal challenges spanning genomics, climate science and biomedical science. His group were the first to detect aurora around an object outside the solar system, and his work in this and in pulsar astrophysics has been acknowledged by the International Astronomical Union naming the main belt asteroid 11451 "Aarongolden". Prior to this current role at the University of Galway, he held joint appointments as an</p>
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	<p>Associate Professor of Genetics at the Albert Einstein College of Medicine, and a Research Associate Professor of Mathematical Sciences at Yeshiva University in New York City, in addition to being a Visiting Scientist at the Department of Astrophysics, American Museum of Natural History, and served as a Consultant to NASA's Planetary Sciences Division. Since his return to Ireland in 2016, he has led impact-focused projects in the health sciences (Health Research Board: COVID-19 Rapid Response Research & Innovation Programme project "Expediting the diagnosis of COVID-19 in a clinical setting using AI enabled analysis of CT scans"), environmental sciences (Environmental Protection Agency: '2017-W-MS-30: Remote Sensing of Irish Surface Waters', '2018-W-DS-33: GRACE Monitoring of Groundwater over Ireland') and climate sciences (Science Foundation Ireland's Future Innovator Prize 2019 'Tracking Adaptation Progress in Agriculture and Food Security Using an AI-powered Satellite Remote Sensing Platform - TAPAS'). He currently serves as the Vice-Dean for Research and Innovation for the College of Science and Engineering at the University of Galway.</p> <p>Prof. Charles Spillane (University of Galway, Ireland) is the Co-Principal Investigator on the SFI funded Tracking Adaptation Progress in Agricultural Systems (TAPAS) project. Prof. Spillane is the Established Professor (Chair) of Plant Science, and Co-Lead of the Agriculture, Food Systems & Bioeconomy Research Centre in the Ryan Institute at the University of Galway. Prof Spillane's inter-disciplinary AgriBiosciences, Food Security & Climate Resilience research group works on agrifood systems for sustainable development, particularly with partners in developing countries. Following his BSc degree in Biotechnology, Prof Spillane obtained his PhD in plant molecular genetics at the Smurfit Institute of Genetics (Trinity College Dublin) working on development of potatoes resistant to potato viruses. Prof. Spillane has worked extensively on agriculture for development topics and programs with leading research institutes (e.g. John Innes Center, UK; Cold Spring Harbor Lab, USA; Friedrich Miescher Institute Basel & University of Zurich) and with international development organisations (FAO, IFAD, WFP and extensively with the CGIAR system). During the 1990s, Prof. Spillane worked extensively within the Secretariat of the FAO Commission on Genetic Resources as an advisor supporting the negotiations leading to the 2001 International Treaty on Genetic Resource for Food & Agriculture and was deeply engaged in the research and drafting of the State of the World's Plant Genetic Resources for Food and Agriculture. At the University of Galway, Prof Spillane was Director of the Ryan Institute (2016-2024) and established the Agriculture, Food Systems and Bioeconomy Research Centre (ABC), and the award-winning Master's degree programs in Climate Change, Agriculture and Food Security (MScCCAFS) in partnership with the CGIAR. Prof. Spillane has a wide range of inter-disciplinary research projects with developing country partners in Sub-Saharan Africa, Asia and South America. Prof. Spillane is one of the</p>
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	<p>founders of and the Chair of the Irish Forum for International Agricultural Development (IFIAD, www.ifiad.ie).</p> <p>Dr Patricia Codyre (University of Galway, Ireland) is the project manager of the SFI funded Tracking Adaptation Progress in Agricultural Systems (TAPAS) project (led by Prof Golden and Prof Spillane) which is using Satellite based Earth Observation (EO) and Deep Learning (AI) techniques to measure climate change effects and adaptation in agricultural systems. Patricia joined the project from the World Health Organization's Regional Office for South-East Asia where she was the technical lead implementing the WHO Global Strategy on Digital Health during the COVID-19 pandemic. Previously, she held managerial roles at UNICEF HQ New York, WHO HQ, Geneva, and the European Molecular Biology Organization, Heidelberg. She served at the United Nations Economic Commission for Africa and the United Nations Economic and Social Commission for Asia and the Pacific during her early career. Dr Codyre was educated at the University of Galway, Trinity College Dublin, Heidelberg University, Germany, and the Sloan School of Management at Massachusetts Institute of Technology. She holds a Doctorate in Public Health specializing in medical informatics, and postgraduate qualifications in TechInnovation.</p> <p>Dr. Dúalta Ó Fionnagáin - Tracking Climate Adaptation Progress in Agricultural Systems using AI-supported satellite remote sensing – the TAPAS Project</p> <p>I am currently working on the SFI-funded TAPAS project at the University of Galway researching the application of satellite data to quantify food security and agricultural adaptation to climate change. My background includes a PhD in astrophysics and working on simulations and big data in astronomy. Now I lead the research of machine learning and computer vision analysis on our team in Galway, working with open-source satellite data (e.g. Sentinel-1/2, Landsat, etc.). I'm interested in using optical and radar satellites to inform agricultural policy, large agricultural stakeholders, and the mitigation of climate change.</p> <p>Jemima O'Farrell, BSc - Quantifying the Ecosystem Impact of Crude Oil Spills in the Niger Delta using AI-Earth Observation</p> <p>I am a research assistant on the TAPAS Project, an SFI-funded project focused on tracking agricultural system adaptation to climate change and quantifying resilience to climate extremes. I am a graduate of Astrophysics at the University of Galway and have previously worked on detecting transients in high time resolution optical observations. Within the TAPAS project my primary role is data acquisition and preparation. However, I have also been specialising in Synthetic Aperture Radar (SAR) and have been developing ways to utilise this data to assess irrigation systems, detect crop inundation in the Mekong Delta and recently identifying pollution induced deforestation in the Niger Delta.</p>
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	<p>Yared Mesfin Tessema - Enabling scaling of legumes by identification and measurement of legume cropping in sub-Saharan Africa smallholder systems using satellite remote sensing</p> <p>I am currently PhD research within the AgriBiosciences, Food Security & Climate Resilience research team of Prof. Charles Spillane at the University of Galway. I obtained my Master degree in Remote Sensing and Geographical Information Systems (GIS) from Addis Ababa University, Ethiopia. My career track has allowed me to work with scholars and academicians in the fields of natural resources, climate change, agriculture, wildlife ecology, and food systems. My research focuses on geospatial analysis and its applications in addressing critical global challenges such as natural resource degradation, agricultural monitoring, climate change, and food systems. I am dedicated to deepening my understanding of the complex and dynamic nature of these global issues and am committed to making a meaningful impact towards a sustainable future. I am predominantly engaged in the EcoFoodSystems, Legumes for Development (LEG4DEV) and TAPAS projects in Prof. Spillane's group.</p> <p>Mukund Narayanan - Satellite based life cycle assessment footprinting of rice production emissions downscaled to 25 ha across the Indian subcontinent</p> <p>Mukund is a visiting PhD researcher in the AgriBiosciences, Food Security & Climate Resilience research team of Prof. Charles Spillane at the University of Galway, supported by the Climate, Food and Farming, Global Research Alliance Development Scholarships Programme (CLIFF-GRADS) is a joint initiative of the Global Research Alliance on Agricultural Greenhouse Gases (GRA) and Mitigate+: Research for Low Emissions Food Systems (Mitigate+). The University of Galway is a partner in CLIFF-GRADS supporting the disbursement of fellowships to early career scientists from low- and middle-income countries. Mukund is a PhD student in the Department of Water Resources Development and Management, Indian Institute of Technology Roorkee, India. Mukund is developing satellite remote sensing systems for rice farming systems for the collaborative research between the Indian Institute of Technology Roorkee and University of Galway.</p>
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17:00-18:00	<h2 style="color: #800040;">1.6.2 Community Participation in Offshore Wind in Ireland</h2> <p>Venue: <u>Ballina Civic Offices</u></p> <p>Workshop</p> <p>Meeting the scale of the climate change challenge with ambition is critical to Ireland and Europe's future. Ireland has the marine resources to lead our meeting this challenge. Our seas can help decarbonise not just our own energy system, but also much of that of our European neighbours. But Ireland can also benefit economically and socially while fulfilling this promise. This will radically alter the structure of the Ireland from one where development opportunities are spread from East to West, to one where the communities of the West coast can drive our sustainable society into a better future.</p> <p>This Session will outline:</p> <ul style="list-style-type: none"> • Scale of the sustainability opportunity • How West of Ireland communities can help drive this change and take hold of the social and economic benefits • How through innovation and new insights a hitherto marginalised West Coast can help define new concepts of social structure. • Equivalent State benefits. <p>Presentations Mr Colum O'Connell – view the presentation here Mr Lúghaidh ó Braonáin – view the presentation here</p> <p>Speakers Dr Rory Monaghan, University of Galway, Galway, Ireland. Mr Colum O'Connell, Valentia Island Energy, Valentia, Ireland. Ms Avril Ní Shearcaigh, Comharchumann Fuinnimh Oileat Arainn Teo, Arainn, Ireland Ms Sabine Wandell, Achill Community Futures, Achill Island, Ireland. Mr Lúghaidh ó Braonáin, Energy Co-operatives Ireland, Dublin, Ireland</p>
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17:00-18:00	<h3>1.6.3 Tá Dóchas sa Dúchas' – The Irish Language as a Resource for Sustainability</h3> <p>Venue: <u>The Mary Robinson Centre</u></p> <p>Workshop</p> <p>The Irish language is one of Europe's oldest with a lineage stretching back over two thousand years. Hidden in plain sight is an indigenous resource, a language, that inhabits an earth-based cosmology which can serve to reconnect us with our 'dúchas' that which is native in ourselves and in the natural world of which we are a part.</p> <p>With the suppression of the native language, we have been cut off from our natural connection to the wider ecology of which we are part. We have been deprived of this invaluable lens of perception which reveals the richness of our natural world.</p> <p>In this participatory session we will explore bilingually, 'Trom agus Eadtrom', the natural treasure/'taisce' which is part of our birthright - the richness that resides in our Logainmneacha/Placenames, in the Folklore/Béaloides and in the delights of our Féilte/Festivals.'</p> <p>We will also reflect on the parallels between the trauma and shame associated with both the suppression of language and the destruction of biodiversity. How might a recovery of a bilingual capacity be a source of healing?</p> <p>This work draws on the conclusions of a bilingual conference at the Burren College of Art in September 2023 as part of a Community Climate Action Programme designed to create a toolkit for centres of excellence and communities seeking to develop climate-responsive strategies. It also draws on a subsequent online webinar and interviews with a number of Irish writers and academics who have been drawn to this theme.</p> <p>View the session presentation here. Additional supporting material can be viewed here.</p> <p>Speaker & Bio Martin Hawkes, Burren College of Art, Ballyvaughan, Co Clare mhawkes2@gmail.com 087 2554815 A former civil servant and a banker his career has spanned commercial and social enterprise. He was a founding trustee of the Burren College of Art https://www.burrencollege.ie/ and the landscape charity Burrenbeo Trust https://burrenbeo.com/. His current focus is on bringing the creative processes of an art college to bear on systemic social challenges from</p>
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	<p>climate change and the fate of the Gaeltacht to the future of the education system and making visible the role of collective intergenerational trauma in generating recurring outbreaks of conflict.</p>
<p>17:00-18:00</p>	<p>1.6.4 Envisioning Sustainable Futures</p> <p>Venue: Newman Institute 1</p> <p>Workshop</p> <p>This participatory workshop will focus on the EU Green Competency Framework of Embodying Sustainability Values, Embracing Complexity in Sustainability, Acting for Sustainability through the lens of Envisioning Sustainable Futures. It will explore the role of futures literacy in imagining and co-designing possible pathways towards a decarbonized, climate resilient and circular society.</p> <p>Speakers & Bios</p> <p>Dr. Mark Kelly, Head of ATU Galway-Mayo Centre for Sustainability and Senior Lecturer in the Department of Building and Civil Engineering, Mark.Kelly@atu.ie</p> <p>Dr. Mark Kelly is Head of ATU Galway-Mayo Centre for Sustainability and Senior Lecturer in the Department of Building and Civil Engineering. He has 25 years' experience leading applied research in construction and demolition waste management, resource efficiency, digital construction, circular economy, and education for sustainability. Mark is the programme coordinator for the M.Sc. in Circular Economy Leadership for the Built Environment and the Postgraduate Certificate in Education for Sustainability in ATU. He also led the roll-out of the National Forum for the Enhancement of Teaching and Learning Digital Badge on Education for Sustainability and is currently coordinating the Climate Action Leadership Training programme for ATU senior leadership and staff.</p> <p>Dr. John Scahill, ATU N-TUTORR Academic Developer (ESD) and Lecturer in the Department of Building and Civil Engineering, John.Scahill@atu.ie</p> <p>Dr. John Scahill is the ATU N-TUTORR Academic Developer for Education for Sustainable Development (ESD) and Lecturer in the Department of Building and Civil Engineering. John has extensive industry experience specializing in low energy and low impact building technologies. His research interests include sustainability in higher education, particularly the use of the Change Laboratory as a methodology to implement change in higher education settings. He has developed a Level 6 Certificate on the Sustainable Development Goals (SDGs) and has worked closely with Mark on the M.Sc. in Circular Economy Leadership for the Built Environment, the Postgraduate Certificate in Education for Sustainability, the roll-out of the National Forum for the Enhancement of</p>

	Teaching and Learning Digital Badge on Education for Sustainability, and the Climate Action Leadership Training Programme.
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Time	Activity
09:30-17:00	<p>Feast upon the Earth</p> <p>Venue: Ballina Civic Offices</p> <p>Exhibition</p> <p>Feast upon the Earth is an experiential installation of Earth's history focussing on humans and our impact on the planet. It explores human existence and our current relationship with the Earth.</p> <p>Originally commissioned by IMMA for the Earth Rising Festival.</p>

Time	Activity
19:00-21:00	<p>Climate Café</p> <p>Venue: The Mary Robison Centre</p>

Thursday, 6 June, 2024

Session 1

Venue: Ballina Arts Centre

Time	Activity
08:30-09:15	Registration
09:15-09:25	<p>Welcome</p> <p>Conference welcome by conference Co-Chairs</p>
09:25-09:45	<p>Keynote speaker</p> <p>SSE Renewables Ireland - Energy expansion, the Irish perspective</p>
09:45-10:05	<p>Keynote speaker</p> <p>Dr Robert Mooney (Department of the Environment, Climate & Communications) & Niall McCaffrey (IPSOS B&A)</p> <p>Community engagement on Climate Action</p> <p>View the session presentation here.</p> <p>View the session video here.</p>
10:05-10:25	<p>Keynote speaker</p> <p>Associate Professor Maura Farrell - Rural Women at the Forefront: Driving Sustainable Rural and Agricultural Innovations in the Face of Climate Change.</p> <p>View the session presentation here.</p>
10:25-10:45	<p>Keynote speaker</p> <p>Emma Howard Boyd, CBE – Weathering the storm: Practical strategies for living (and thriving) in a changing climate</p> <p>With an extensive career in financial services at the forefront of the climate change, environmental and sustainable finance agenda, Emma is now Chair of ClientEarth, the Green Finance Institute and is leading The London Climate Resilience Review for the Mayor of London. Formerly Chair of the Environment Agency, and an Ex officio board member of</p>

	<p>the Department for Environment, Food and Rural Affairs, Emma is also a Global Ambassador for Race to Zero and Race to Resilience.</p> <p>View the session video here.</p>
10:35-11:00	<p>Panel Discussion</p> <p>Facilitated Q&A session with keynote speaker</p>

11:00-11:30	Coffee Break
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Session 2 – Various Venues

Time	Activity
11:30-12:30	<p>2.2.1 Solar PV Meitheals in Mayo, SEAI Sustainable Energy Communities leading the way</p> <p>Venue: Ballina Arts Centre</p> <p>Presentation & Discussion</p> <p>Solar Meitheals started in County Clare with Colm Garvey from the Clare Community Energy Agency. We recently started them as part of the SEAI Sustainable Energy Community (SEC) programme, and now have 8 SECs engaged in the process. The Solar Meitheal project aims to help groups of homeowners and/or small businesses who want to install Solar PV. Working together as a group, which is the meaning of 'Meitheal', ensures that we can negotiate as a group with solar PV contractors, get better prices and make the whole process much easier for home and business owners.</p> <p>Dr Orla Nic Suibhne, SEAI Sustainable Energy Community mentor on behalf of SEAI will introduce the concept of the Solar Meitheal, and also explain the process of how to host one in your community. We will have a number of SECs talk about their experiences of hosting a Solar Meitheal. We will then discuss the really positive results and outcomes,</p>

	<p>which include community engagement and empowerment, and great value to homeowners with much cheaper solar PV installations from contractors.</p> <p>In terms of carbon reductions, solar is a very effective way of producing green electricity and reduce emissions. For every average sized solar PV system on a home, a tonne of CO2 is saved every year.</p> <p>View the session presentation here.</p> <p>Speakers & Bios</p> <p>Dr Orla Nic Suibhne, SEAI SEC mentor Co Mayo & Co Galway. orlanicsuibhne@gmail.com Orla is the Sustainable Energy Community (SEC) county mentor for both Mayo and Galway on behalf of SEAI and supports the communities through the SEC programme. Orla has been working in the community energy field since 2008 and has supported a number of different community and public bodies in the development of energy efficiency and renewable energy projects at a local level. Orla was funded by the Irish Research Council for both her PhD in energy management systems and a Postdoc in Sustainable Energy Communities; she has just completed a Postgraduate Certificate at DCU in Management for Sustainable Development.</p> <p>Mr JP Prendergast, Claremorris SEC. jpprend@gmail.com Founder and Chair of Claremorris and Western District Energy Co-Op. A sustainable energies community initiative, this is an innovation and development community enterprise focused on the development of Renewable Energy within the West of Ireland.</p> <p>Ms Carol Loftus, Mulranny SEC. chloftus29@gmail.com Carol worked with Bank of Ireland for 32 years in Dublin and Mayo. She is now the school secretary at Mulranny National School. She is an active member of Mulranny's volunteer community. She is also chairperson of Mulranny Tourism, a member of the Old Irish Goat Society, Mulranny Environmental Group and the Friends of Mayo Dark Skies since the group was founded and served as secretary to the group until February 2024. Carol manages the staff and volunteer rosters at the Mulranny Community Tourist Office and the Old Irish Goat Visitor Centre. Carol is also chairperson of the Mulranny Sustainable Energy Community committee and a member of the Mulranny Towards 2030 group which is aiming to reduce Mulranny's greenhouse gases by at least 51% by 2030. In my spare time she enjoys spending time with my family, my young grandson, our three dogs and following both Dublin and Mayo GAA.</p> <p>Ms Rosarie Tiernan, Climate Action Louisburgh Locality (CALL). rosarietiernan@gmail.com I am a retired teacher living in Louisburgh almost all of my life. I have been involved in Community Development and local organisations</p>
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	<p>furthering employment, tourism and infrastructure. I've been involved in Community Futures since 2015 and try to create a link throughout all the groups in the locality, of which I am a member. Being a member of our SEC, gave me an opportunity to join the Decarbonising group set up in 2021, in answer to Mayo Co. Co's wish to reducing greenhouse gas emissions by 50% by 2030. The setting up of CALL was a natural development from this point, incorporating the various pillars necessary to follow this strategy. At present I hold the chair of our group and look forward to many others in our community joining us in the near future.</p>
Time	Activity
<p>11:30-12:30</p>	<p>2.2.2 Blowin' in the Wind: how can we share development of Ireland's offshore wind energy?</p> <p>Venue: <u>Ballina Civic Offices</u></p> <p>Workshop</p> <p>In the move to renewable energy, offshore wind is set to play an important role in helping Ireland achieve its clean energy targets. As an island nation, with a sea area 10 times our land mass, Ireland is ideally placed to power the country from our own marine resources.</p> <p>However, harnessing the power of the wind is a challenging task on Ireland's rugged and exposed coasts. Alongside technical challenges, how will communities respond to the changes that come with the installation of offshore wind farms in local areas?</p> <p>Join us for an engaging and interactive discussion exploring what Ireland's offshore wind energy future may look like, and what the trade-offs will be for local communities. How do we ensure that everyone enjoys the benefits of the clean energy transition and that no one is left behind?</p> <p>View the session presentation here.</p> <p>Speakers & Bios</p> <p>Dr Fergus McAuliffe, iCRAG, University College Dublin, Ireland. Fergus.mcauliffe@icrag-centre.org Fergus manages iCRAG's communications, education and public engagement activities. He holds a PhD in environmental science from University College Cork. Alongside his research experience, Fergus also has a wide range of experience in science communication, through winning FameLab International in 2013, delivering workshops and conference talks on science communication around Europe, and is currently a presenter on "The Science Squad/10 Things to Know About" on RTE1 television. As part of his role, Fergus works closely with the Public Perception and Understanding of geoscience platform in iCRAG.</p> <p>Dr Tomas Buitendijk, University College Dublin, Dublin, Ireland tomas.buitendijk@ucd.ie</p>

	<p>I am a Postdoctoral Research Fellow with the Horizon Europe-funded 'Blue4All' project, studying grassroots participation in Marine Protected Area planning, designation and implementation. I am also Co-PI of the 'Irish Energy Narratives in the Transition (IE-Narr)' project at the UCD Earth Institute; and I am a Project Partner with the upcoming, Marine Institute-funded 'Energy Narratives and Change in Coastal Communities in Ireland (ENACT)' project at the iCRAG SFI Research Centre in Applied Geosciences. I am currently based at iCRAG, the Earth Institute, and the School of Business.</p> <p>Dr Shauna Creane, University College Dublin, Dublin, Ireland shauna.creane@ucd.ie Post-doctoral Research Fellow in Civil Engineering. Marine Geoscientist and Met-ocean Engineer interested in hydrodynamics, sediment transport, bedform dynamics, coastal processes and offshore renewables. Chief Scientist for multi-disciplinary offshore research surveys. Consultant with GDG. At UCD, my principle research project is the SCALE Project, funded through the Sustainable Energy Authority of Ireland, with partners in ATU Sligo. This project focusses on de-risking scour and anchor installation for floating offshore wind through numerical and experimental modelling. I collaborate with academic and industry experts in geotechnics, geophysics, computational fluid dynamics, oceanography, and structures. I co-supervise PhD students in the UCD School of Civil Engineering and UCD School of Earth Sciences.</p> <p>Dr Aoife Brady, iCRAG, University College Dublin, Ireland. aoife.brady@icrag-centre.org Aoife is the iCRAG Centre Manager and is responsible for all management and functions of the Centre. She leads the Operations Team and develops and implements the iCRAG strategy Aoife graduated with a BSc Hons in Earth Science from the University of Galway in 2006 after which she completed a PhD in carbonatites, kimberlites and lamprophyres also at the University of Galway. Following this, she worked as an exploration geologist for 4.5 years on the Songwe Hill Carbonatite Project with Rare Earth Element (REE) exploration company, Mkango Resources, in southern Malawi, Africa. She then took up the role of Geodata Product Manager at International Geoscience Services (IGS) Ltd., based at the British Geological Survey (BGS) in Nottingham, where she oversaw the company's new mineral prospectivity software. In 2016 Aoife moved to the Geological Survey Ireland (GSI) where she managed, Tellus, the GSI's national ground and airborne data acquisition programme. In 2018, Aoife joined iCRAG as Research and Industry Programme Manager, and became COO in 2023.</p> <p>Dr Mark Coughlan, iCRAG, University College Dublin, Ireland. Mark.coughlan@icrag-centre.org I am an Ad Astra Fellow in the School of Earth Sciences as well as being a Funded Investigator at the SFI Centre for Research in Applied Geosciences (iCRAG) and a member of the Earth Institute. I graduated with a BSc in Geology from University College Cork in 2009 and completed my PhD in Marine Geology in 2014, also from University College Cork, having spent a one-year placement at the MARUM Centre, University of Bremen. Following my PhD, I spent three years</p>
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	working for renewable energy developers Gaelectric as a Project Manager in their Offshore Wind Section. I collaborate with academic and industry experts in geotechnics, geophysics, biogeochemistry, glacial geomorphology, oceanography, computational fluid dynamics, numerical modelling, environmental humanities and social science.
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Time	Activity
11:30-12:30	<p>2.2.3 Repair as a Climate Act: Structures and Cultures for Enabling Repair in Ireland.</p> <p>Venue: <u>The Mary Robinson Centre</u></p> <p>Presentation & Discussion</p> <p>When something breaks or is defective, it is easier to dispose of it and buy a new one than have it repaired, increasing waste and GHG emissions. An EU Directive agreed in February 2024[1] proposes a new set of tools, which aims to prolong the life of products by incentivising consumers to have them repaired.</p> <p>This Directive creates the impetus and need to foster repair at scale. This should include promoting repair skills; establishing collaborative repair spaces; supporting the legal and financial structures required so that safe, legal, and affordable repair can be expanded as part of a circular economy; and fostering a resurrection of Ireland's rich history of repair. The main challenges faced by repair advocates are addressed and we particularly welcome discussion on how to provide the skills and spaces needed to make repair easier to access and part of everyday life.</p> <p>The session is convened by the Rediscovery Centre (Dublin) and Dr. Alma Clavin (University of Galway). It follows a previous collaboration between Alma Clavin and the Rediscovery Centre, on a project called Repair Acts Ireland. The aim of the Repair Acts work was to shine a light on the past, present and future of repair activities in Ireland (See: www.repairacts.ie). The aim of this session is to invite a conversation about the specific enabling factors for creating enhanced repair cultures in Ireland. The session places a focus on the often-overlooked place of repair within waste cycles and hierarchies. Considering repair as a radical act that transforms our relationship with our material worlds, our proposed session addresses the United Nations Sustainable Development Goal (SDG) on Responsible Consumption and Production (Goal 12) and ultimately Climate Action (Goal 13).</p> <p>Within Ireland there has been sporadic and little attention placed on the role object-orientated repair plays in the reduction of waste and the impact repair practices can have on consumer behaviour. Instead, emphasis has been placed on recycling of goods and their associated waste management. The session addresses this gap by shifting the focus from an object's end of life, to how we actually maintain and repair objects in the first place.</p> <p>From a regulatory perspective, this session is particularly timely given the proposed EU Directive on common rules promoting the repair of goods,</p>

	<p>as well as national legislation which calls for a regulatory regime to support the development of repair targets nationally.</p> <p>The Rediscovery Centre is the National Centre for the Circular Economy in Ireland. Since 2004, the centre has been leading Ireland's transition to a circular economy and low carbon sustainable future. Repair has always been central to the Rediscovery Centre's mission, with 3 of the Centre's 4 social enterprise workshops carrying out repair work on furniture, bicycles and clothes. In addition to this hands-on work, the Rediscovery Centre carries out educational activities around repair, as well as running repair cafés which are open to the public. In this session, the Rediscovery Centre will present research work focusing on insurance barriers to repair. Repair cafés in Ireland have been struggling in recent years to obtain product liability insurance for the repair of electrical goods due to these events being perceived as risky or unpredictable by insurers. This research explored attitudes towards risk among repair cafés and insurers, as well as investigating the legal and legislative barriers/enablers to providing insurance for repair cafés.</p> <p>The skills and apprenticeships needed to boost repair practices in a circular economy is addressed in the work of Fastrack Information Technology (FIT) who will present on and discuss the certified skills needed for a growing circular economy in Ireland. FIT in line with government strategy is actively delivering & developing multiple skills initiatives to ensure this future demand for green skills can be met in Ireland. As an industry lead organisation, FIT's skills for a circular economy training programme result from Skills audits, programme research & skills needs analysis along with ongoing consultation with industry, education & community sectors.</p> <p>The EPA circular economy programme supports behavioural insights studies across a range of circular activities. Their study Repair: National Attitudes & Behaviours Survey 2022 will be presented as part of this session.</p> <p>Place-based aspects of mending and repair will be presented by Dr. Helen Maguire. Helen is the Head of Home Economics at St. Angela's College in Sligo. Helen's research offers an important contribution towards understandings of current clothing consumption practices in Ireland. In this presentation key insights regarding everyday clothing use practices are unlocked as related to clothing wear, care and repair activities.</p> <p>Dr. Alma Clavin will chair this session. The diverse perspectives and experiences in repair advocacy, education, skills and practices as shared by our speakers, will be brought into focus in the context of creating future avenues for promoting and celebrating repair in Ireland. The session papers will be 7-10 mins in duration, followed by a panel discussion with the speakers.</p> <p>In addition to this session, the Rediscovery Centre with support from Dr. Alma Clavin and the Mary Robison Foundation, plan to establish a Repair Cafe in the town of Ballina during the conference. This Repair Cafe is a practical example of the skills and space needed to bring attention to repair in our communities.</p>
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	<p>Presentations</p> <p>Alma Clavin – view the presentation here. Adam Boland – view the presentation here. Dr. Helen Maguire – view the presentation here. Fiona McCoole – view the presentation here.</p> <p>Speakers & Bios</p> <p>Alma Clavin (Chair), University of Galway, Galway, Ireland Email: alma.clavin@universityofgalway.ie Alma is a Geographer and Urban Planner. Alma has worked with a number of public, private and non-governmental organisations in Ireland and the UK on planning, energy and urban sustainability issues. Since completing her PhD thesis in 2012, Alma has taught at both undergraduate and postgraduate level in the UK and Ireland. From 2019-2023 her research at UCD (School of Geography) involved developing public engagement projects and platforms for more critical participatory inquiry. In 2021 she was awarded a grant from Creative Ireland for Repair Acts Ireland, to explore the past, present and future of repair in the country. Alma is now Lecturer in Sustainability/Education for Sustainable Development in the Centre for Excellence in Learning and Teaching (CELT) at the University of Galway where she has a key role in embedding sustainability across curricula.</p> <p>Adam Boland (presenting), The Rediscovery Centre, Dublin, Ireland policy@rediscoverycentre.ie Adam graduated from UCD in 2017 with a BA in Philosophy. During his time in UCD, he was the science editor of the College Tribune, where he guided the paper to place a greater emphasis on environmental issues. He went on to complete an MSc in Climate Change: Policy, Media and Society from DCU in 2020, which led to a position as a research assistant with DCU's Sustainability Office. During his 2 years with DCU, Adam worked with the Grain-4-Lab project to investigate the behavioural and systemic barriers to laboratory sustainability, with a particular focus on plastic laboratory consumables. His experience working on this circular economy research project led Adam to become a research officer at the Rediscovery Centre, which is the National Centre for the Circular Economy. In his first year with the Centre, Adam led an EPA funded project investigating the extent to which insurance requirements pose a barrier to community repair activities, as well as contributing to a wide range of other research projects, policy consultations, events, and communications. His current work explores the barriers and enablers to Ireland's transition to a circular economy.</p> <p>Michelle Lambert (presenting), Fastrack into Information Technology (FIT), Dublin, Ireland michellelambert@fit.ie</p>
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	<p>Michelle Lambert is the FIT Senior Education Officer. Working within the Diversity & Inclusion team to create awareness of the opportunities within the Irish tech sector and pathways to a tech career through our school programmes, Advanced Manufacturing courses (L4 & L6) and Circular Economy Skills programmes. Through these courses & programmes we are growing the tech talent pipeline within Ireland.</p> <p>Dr. Helen Maguire (presenting), St. Angelas College, Sligo, Ireland hmaguire@stangelas.ie</p> <p>Dr Helen Maguire is Head of School of Home Economics at ATU St Angelas, Sligo. Previous to her current role, Helen lectured in Home Economics (2005-2020) and taught Home Economics and Biology at Post Primary level (1999-2005). Helen holds PhD, M.Litt., P.G. Dip. and B.Ed., qualifications. Helen is actively involved in a wide range of climate change related research and innovation projects, nationally and internationally, including Horizon and Erasmus+ funded projects. Helen's current research focuses on exploring everyday clothing consumption practices in Ireland and insights for sustainability transitions.</p> <p>Fiona McCoole (presenting), Environmental Protection Agency (EPA), Dublin, Ireland F.McCoole@epa.ie</p> <p>Fiona McCoole is Senior Manager in the Environmental Protection Agency's Circular Economy Programme and manages a number of activities including food waste prevention programmes, a behavioural insights programme, developing green public procurement guidance and national criteria and partnership programmes including a national reuse and repair network. Prior to her current role, Fiona managed the national waste statistics team in the Environmental Protection Agency. She holds a B.Sc. and M.Sc. from Trinity College Dublin and a MA in Public Management from the National University of Ireland.</p>
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Time	Activity
11:30-12:30	<p data-bbox="432 275 1326 360">2.2.4 Is reducing carbon footprints of the over 60s possible through household consumption?</p> <p data-bbox="432 412 783 443">Venue: <u>Newman Institute 1</u></p> <p data-bbox="432 488 762 519">Presentation & Discussion</p> <p data-bbox="432 573 1385 1088">Much of the conversation about climate change today is about impacts, and solutions. Many of the solutions are sector focused with national sector greenhouse gases (GHG) emission targets and sector reporting, with the link to households solutions vague. It is time to include a more direct focus on household consumption because around two-thirds of global GHG emissions are directly and indirectly linked to household consumption (Ivanova, D., et al 2020). It is also time to make a direct link between sector initiatives and consumption behaviours. In this context, regular reminders on the basics facts on what causes the climate to change, could create a direct link between daily consumption habits and climate change. These reminders could also help to nudges minds and hearts, to reflect on beliefs and values around climate change, with the hope of creating a greater sense of responsibility to reduce personal carbon footprints.</p> <p data-bbox="432 1144 1374 1509">The 60+ are an ideal group to support to change their household behaviours, to lower their carbon footprint. They make up one in five in Ireland, have lived through the period when GHGs have grown substantially, have a high home ownership levels, arguable have more time, and could be persuaded of their intergenerational obligations. Such support, would require engaging 60+ in "conversations" infused in behavioural change approaches and where knowledge, training and persuasion approaches are valued as much as coercion and incentive approaches. Such an initiative was piloted in Galway in 2024 and this session will share that experience.</p> <p data-bbox="432 1559 890 1590">View the session presentation here.</p> <p data-bbox="432 1630 639 1662">Speakers & Bios</p> <p data-bbox="432 1671 1038 1702">Jacinta Barrins, Session Organizer and Speaker</p> <p data-bbox="432 1711 895 1742">Email: Jacinta.barrins@outlook.com</p> <p data-bbox="432 1751 1358 1957">Former UN official, served as UN Resident Coordinator and UNDP Resident Representative in Asia and Africa. CEO & Founder of 60+ Climate Drive. Expertise includes: experienced strategic leader of international (UN and NGOs) teams; extensive experience as adviser to national and local governments, in the areas of institutional development, government reform, environment and climate change,</p>

	<p>good governance, SDG planning, implementation and reporting and poverty reduction. Proven track record in managing large scale programs in development and humanitarian settings at grassroot levels.</p> <p>15 years with the UN in Botswana, Turkmenistan, Jordan and Cambodia, over 15 years with University College Galway as Chief Technical Officer in Engineering Hydrology Department, and 10 years (Irish Government, Concern Worldwide, Norconsult, VSO) in Zambia, Sudan, Uganda, Kenya and Somalia.</p> <p>Carmelita Leyden, Speaker Email: cmadcar@yahoo.ie Retired Home Economics Teacher. Taught for over 35yrs and emphasised the importance of nutrition and wellness when preparing family meals. Encouraged students to scrutinise the list of ingredients of food products, to appreciate their nutritional benefits, chemical makeup and source. Recently researched the use of Palm Oil in food and household products and the implications of its usage on the environment, as my chosen action to lower my carbon footprint, as part of the 60+Climate Work Out Program.</p> <p>Dolores Keegan, Speaker Email: keegandolores@gmail.com Retired Horticultural Instructor. Keen organic gardener. Researched, designed and implementing home energy upgrades in the form of insulating cavity walls and attic as my chosen action to lower my carbon footprint, as part of the 60+Climate Work Out Program.</p>
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Time	Activity
11:30-12:30	<p>2.2.5 Feminist Climate Justice: Does our domestic climate policy leave women and marginalised communities behind?</p> <p>Venue: <u>Newman Institute 2</u></p> <p>Presentation & Discussion The climate crisis does not equally impact men and women. Inequalities already experienced by women and marginalised communities in Ireland are being worsened by the crisis and our policies to tackle it.</p> <p>Join Feminist Communities for Climate Justice, a project between the <u>National Women's Council</u> and <u>Community Work Ireland</u>, for a thought provoking, participative session discussing the disproportionate impacts of the climate crisis and policy on women and marginalised communities in Ireland.</p> <p>Informed by the project's <u>groundbreaking baseline review</u> by Dr Fiona Dukelow, Dr Catherine Forde and Edith Busteed of University College Cork, this panel session will discuss the growing inequalities for women and marginalised communities in the face of the climate crisis, touching on the areas of food, housing, energy use, transport and health, to name a few – and how we must meaningfully gender, poverty and equality-proof policies to ensure that nobody is left behind in our transition to a low-carbon society.</p> <p>Feminist Communities for Climate Justice Feminist Communities for Climate Justice campaigns for climate justice that reflects feminist and community work values. We mobilise communities, ensuring social inclusion and equality are central to climate policies and programmes. This partnership between the National Women's Council and Community Work Ireland amplifies the voices of women and marginalised communities that are most impacted by climate change, building momentum in communities to engage, understand and influence climate policies. Feminist Communities for Climate Justice will develop a feminist and community work analysis, is delivering an accredited training programme in partnership with the Department of Applied Social Studies at Maynooth University, has established a Feminist Communities for Climate Justice National Network, and will develop resources and campaigns around feminist climate justice.</p>

	<p>Presentations</p> <p>Collette McEntee – view the presentation here. Vanessa Conroy – view the presentation here.</p> <p>Speakers & Bios</p> <p>Collette McEntee – Feminist Communities for Climate Justice / collettemce@nwci.ie</p> <p>Collette is Project Coordinator of 'Feminist Communities for Climate Justice', a joint project between the National Women's Council and Community Work Ireland, aiming to put a gendered, feminist and community work lens on climate justice. Collette is a member of Transition Monaghan, a voluntary group that is part of the Transition Town movement, striving for economic, environmental, and social sustainability in the county. Collette is also part of Dublin8 Green Bridge Forum and her local Community Action Tenants Union CATU in Kilmainham Inchicore.</p> <p>Vanessa Conroy – Feminist Communities for Climate Justice / vanessac@nwci.ie</p> <p>Vanessa Conroy is the Project Officer of 'Feminist Communities for Climate Justice', a joint project between the National Women's Council and Community Work Ireland aiming to put a gendered, feminist and community work lens on climate justice. Previously, she worked as an occasional lecturer and academic tutor in Maynooth University's Department of Applied Social Studies, teaching on environmental policy, climate justice, intersectional environmentalism and the connection between gender and the climate crisis. Her MA research in Social Science (Rights and Social Policy) was a feminist policy analysis of the then-current Climate Action Plan (2021), investigating whether Irish climate policy disproportionately disadvantaged Irish women compared to men.</p> <p>Yvonne Mefor – Ndigbo Dundalk / yvonemef@gmail.com</p> <p>Yvonne Mefor is a versatile professional with a strong educational background and a passion for community engagement. She holds a B.A. Honours in Mass Communication from the University of Nigeria, Nsukka, and an MSc in Applied Psychology in Disability and Rehabilitation from UCD. Currently pursuing an MCC in Health Project Management and Wellness Programme at ATU, Yvonne is dedicated to expanding her expertise. Additionally, she is participating in a Certificate programme in Community Work in a Changing Ireland: Feminist Climate Justice at Maynooth University. With a commitment to continuous learning, Yvonne has acquired various Fetac and informal/professional training. She is an Associate member of NIPR and APCON, actively involved in the SIPTU Migrant Network and serves as a Member of the SIPTU National Equality Committee. Yvonne has completed the SIPTU Arise Women's Leadership Programme and held leadership positions such as outgoing Chairperson of CWO and Chairperson of CCC Dundalk. She also contributes her skills</p>
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	<p>as the Current Secretary of the United Sisters Association (USA) and as a member of the Constitution Steering Committee of Star Ladies International. As the Diaspora Coordinator for WPO/Women Aspire Empowerment Initiative (WAEI), Yvonne is dedicated to empowering women and fostering positive change in her community. Yvonne currently works with HSE as a healthcare professional with the NE Home support Office.</p> <p>Speaker from Galway Traveller Movement TBC – Galway Traveller Movement / info@gtmtrav.ie</p>
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Venue: Ballina Arts Centre

12:30-13:30	LUNCH for all delegates
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Field Trips

All field trips depart from and return to [Ballina Arts Centre](#) by coach

Time	Activity
13:30-17:00	<p>Hometree</p> <p>Field Trip</p> <p>This field trip is to Hometree's site at Ballyfarnon along the Easkey River in Sligo. The site will serve as a hub for environmental engagement and addressing the climate crisis, embodying a commitment to collective action and stewardship. The vision is to transition the bog on this site from a carbon source to a carbon sink, and we look to support unique bog species and provide habitats for birds, kingfishers and otters. This project was made possible through the collaboration with The Canopy who has supported Hometree in acquiring Ballyfarney Site.</p> <p>Participants should dress for the outdoors, and wear waterproof shoes or boots.</p>

Session 3

Venue: [Ballina Arts Centre](#)

Time	Activity
13:30-14:15	<p>Youth leaders & storytellers in climate action</p> <p>Panel discussion</p>

Session 4 – Various Venues

Time	Activity
14:30-15:30	<p data-bbox="432 365 1289 450">2.4.1 Climate Conscious: Youth Perspectives on Environmental Challenges</p> <p data-bbox="432 501 772 533">Venue: <u>Ballina Arts Centre</u></p> <p data-bbox="432 575 761 607">Presentation & Discussion</p> <p data-bbox="432 651 1382 1093">Join us for an engaging session where youth perspectives intersect with pressing environmental issues. Explore the nuanced relationship between climate change and mental health with Ryan Dolan, delve into Eoin Murphy's discussion on environmental equality, and discover innovative solutions at the intersection of urban regeneration and climate change with Aoibhe Toff. Sienna Keane will offer insights into the impact our changing environment on young farmers' livelihoods, while Cian Gleeson will explore the environmental implications of vaping trends. Engage with our dynamic speakers as they present compelling case studies and lived experiences, followed by an interactive Q&A session. Don't miss this opportunity to gain valuable insights and contribute to the dialogue on building a sustainable future.</p> <p data-bbox="432 1137 1382 1317">This session will focus in on 5 case studies/lived experiences presented by 5 young people from Limerick, Kildare, Athlone and Mayo. They will present their opinions on the climate crisis in respect to their areas of lived experience/expertise as well as an incorporated Q&A session which I would hope to be 30 minutes. Each speech is limited to 5/6 minutes.</p> <p data-bbox="432 1361 671 1393">Speakers & Topics</p> <p data-bbox="432 1400 1362 1467">Ryan Dolan (Roscommon Comhairle Na nÓg) - "Is the Climate affecting Youth Mental Health"</p> <p data-bbox="432 1473 1370 1505">Eoin Murphy (Mayo Comhairle Na nÓg) - "Equality and the Environment"</p> <p data-bbox="432 1512 1374 1579">Aoibhe Toff (Kildare Comhairle Na nÓg) - "Urban Regeneration x Climate Change"</p> <p data-bbox="432 1585 1326 1653">Sienna Keane (spunout) - "How the changing environment will effect young farmers"</p> <p data-bbox="432 1659 1235 1727">Cian Gleeson (Limerick Comhairle Na nÓg) - "Vaping and the Environment"</p>

Time	Activity
14:30-15:30	<p data-bbox="432 275 1238 405">2.4.2 Co-production as a key enabler for the implementation of Nature-based Solutions: experiences from the coast</p> <p data-bbox="432 456 794 488">Venue: <u>Ballina Civic Offices</u></p> <p data-bbox="432 533 564 564">Workshop</p> <p data-bbox="432 609 1385 974">This session investigates how a co-production approach [one where stakeholders from different perspectives and backgrounds work together to develop ideas and actions] can be a key enabler of Nature-based Solutions (NbS) for coastal adaptation. The session will present short reflections from a variety of speakers working on climate adaptation, drawing on national and international research, and habitat restoration projects. The second half of the session will be an opportunity for open discussions on the insights from the speakers, so we are keen to invite and hear from local community groups and other interested parties in the NbS and adaptation spheres.</p> <p data-bbox="432 1019 1385 1384">The format for this one hour proposed workshop is to have six speakers (5-minute presentation each) followed by 25-minute discussion panel. The proposed panel investigates the enablers to NbS for coastal adaptation, focusing on co-production approaches that have been undertaken in projects in Ireland. This innovative panel aims to create balanced platform drawing together academics working on national research projects, policy makers and local groups to share their experience and knowledge on nature-based solutions. We are keen to invite local community groups and stakeholders to attend and get involved in the discussion.</p> <p data-bbox="432 1429 608 1460">Presentations</p> <p data-bbox="432 1469 975 1500">Eithne Davis – view the presentation here.</p> <p data-bbox="432 1509 995 1541">Pete Murtagh – view the presentation here.</p> <p data-bbox="432 1550 1023 1581">Arsenia Da Cruz – view the presentation here.</p> <p data-bbox="432 1590 959 1621">Axel Leahy – view the presentation here.</p> <p data-bbox="432 1630 1267 1662">UNESCO Man & Biosphere Reserve – view the presentation here.</p> <p data-bbox="432 1697 639 1729">Speakers & Bios</p> <p data-bbox="432 1738 1331 1841">Eithne Davis (LIFE on Machair project) Title: Machair restoration with local communities Email: eithne.davis@npws.gov.ie</p> <p data-bbox="432 1886 1331 1948">Pete Murtagh (Sligo CoCo & SCORE project) Title: Citizen science and coastal monitoring</p>

	<p>Email: pmurtagh@sligococo.ie</p> <p>Arsenia Da Cruz (University of Galway) Title: Experiences of co-production from Timor-Leste Arsenia Da Cruz is a PhD student in Geography Department in University of Galway starting this year. Her research is supervised by Dr Kevin Lynch and Dr Kathy Reilly and the research project is titled L^Ocalised ADaptation (LOAD) for Climate Change in Ireland and Timor-Leste: Co-developing frameworks for Nature-based Solutions. It is investigating the application of good practice in coastal adaptation implementation. Specifically researching methods to address knowledge gaps and develop a co-production for Nature-based Solutions valuation framework at local level for coastal and marine landscapes. Arsenia will share her experience of co-production from Timor-Leste where traditional knowledge and custom is used by community in protecting the marine life for the benefits of all. Through this workshop, she also hopes to gain valuable lessons and research in Ireland for application in Timor-Leste. Email: a.vitalximenesdacruz1@universityofgalway.ie</p> <p>Barbara Wadum (University of Galway) Title: Valuations of NbS Barbara is a graduate student specialising in coastal and marine environments. Her current research delves into the role of ecosystems in flood mitigation within Clew Bay for her dissertation. At the upcoming conference, she'll present insights from her study, exploring how various ecosystems contribute to flood management. The aim is to demonstrate the effectiveness of integrating nature-based solutions while maintaining the delicate coastal ecosystem balance. Through her project, she seeks to enrich the discourse on integrating ecosystem-based approaches into flood management strategies. By harnessing nature's power, we can develop sustainable solutions that mitigate flooding and bolster biodiversity and ecosystem resilience. Email: b.wadum1@universityofgalway.ie</p> <p>Axel Leahy (University of Galway) Title: Perceptions on Climate Action Axel Leahy is a PhD student in Geography at the University of Galway. His research, supervised by Dr Kevin Lynch and Dr Kathy Reilly, explores the complexity associated with the question of public participation in the development of climate change adaptation policies. Specifically, his research assesses the development of national and local climate adaptation policies in Ireland, while simultaneously investigating local communities' willingness to participate in these policies. By situating and balancing his research between institutional (policy) requirements and individuals' preferences for public participation, Axel attempts to offer nuanced critical perspectives and practical recommendations for decision-makers, local communities and academics.</p>
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	<p>Throughout his PhD, Axel has gained a deeper understanding of the various participatory approaches used in contemporary climate governance, their contrasted effects on both policies and participants and the challenges in deploying these “bottom-up” tools and strategies to address climate change adaptation. Email: a.leahy8@universityofgalway.ie</p> <p>Dr Kevin Lynch (University of Galway) Title: Pilot projects in support of NbS Email: kevin.lynch@universityofgalway.ie</p>
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Time	Activity
14:30-15:30	<p data-bbox="432 275 1321 360">2.4.3 Grow Your Clothes! How we can reconnect with the land through what we wear</p> <p data-bbox="432 412 876 443">Venue: <u>The Mary Robinson Centre</u></p> <p data-bbox="432 488 563 519">Workshop</p> <p data-bbox="432 562 1374 779">Come get creative and learn about climate friendly fashion. See all the stages of processing and how live plants are turned into linen and wool, then how those unique fibres are spun and woven into clothing. Through photos, stories, and hands-on interaction, learn about the full soil-to-soil cycle from seeds in the earth, to plants, to fibre and dyes, to textiles, and back again to soil.</p> <p data-bbox="432 824 890 855">View the session presentation here.</p> <p data-bbox="432 900 639 931">Speakers & Bios</p> <p data-bbox="432 936 1331 1003">Ms Jessica Leonard, Trinity College Dublin, Dublin, Ireland & Fibreshed Ireland, Kiltimagh, Ireland. Email: leonari1@tcd.ie</p> <p data-bbox="432 1048 1385 1415">Jessica Leonard is an agroecology educator, nature-friendly fibre farmer, and kitchen gardener at Teacup Farm in the West of Ireland, with a passion for fostering wildlife habitat. She completed her undergraduate studies in psychology and neuroscience and ran a school for aspiring professionals in animal learning and behaviour for nearly a decade in San Francisco—all of which shape her approach to helping others cohabitate with nature through her work as co-director of Fibreshed Ireland. Jessica is a doctoral researcher in science education at Trinity College Dublin, exploring the intersection of science and art, fibre and ecology, and craftivism.</p> <p data-bbox="432 1460 1139 1491">Ms Malú Colorín, Fibreshed Ireland, Blessington, Ireland</p> <p data-bbox="432 1496 1374 1980">Malú Colorín is a Mexican natural dyer and designer living in West Wicklow, Ireland. She is the founder of Talú, a natural dye house and educational hub helping slow fashion lovers keep their clothes in play for longer & reconnect to the Land. She is also the co-founder of Fibreshed Ireland, a community-supported social enterprise building networks to craft a regenerative Irish textile system based on local fibre, local dyes & local labour. Her work draws inspiration from the traditional garments of her native Mexico, while embracing the rich heritage of Irish textiles. By working slowly and mindfully, she aims to build an intimate connection with each of her dye sources, as well as the land where they grow. Thanks to her background in graphic design, she's an avid systems thinker, constantly dreaming up ways to dismantle the interconnected systems of oppression behind climate change and social injustice.</p>

Time	Activity
14:30-15:30	<p data-bbox="432 277 1362 360">2.4.4 A Place is a Space with Meaning: A Workshop on Outdoor Sustainable Shared Spaces</p> <p data-bbox="432 414 783 443">Venue: Newman Institute 1</p> <p data-bbox="432 490 564 519">Workshop</p> <p data-bbox="432 566 1385 969">Whether you're a seasoned designer or an aspiring enthusiast, join us as we delve into the intersection of sustainability, creativity, and communal spaces. Explore and discuss the design of eco-friendly outdoor seating areas that foster community engagement and combat the impacts of climate change. Led by expert researchers, this hands-on session will investigate the concept of a 'welcoming' and 'meaningful' space. Using innovative and interactive approaches, we will identify the characteristics and shapes of spaces and seating that can passively encourage us to reconnect with nature and one another. Don't miss this opportunity to leave your mark on the outdoor spaces of tomorrow and help us create the guidelines and policies that will shape them.</p> <p data-bbox="432 1016 890 1046">View the session presentation here.</p> <p data-bbox="432 1093 639 1122">Speakers & Bios</p> <p data-bbox="432 1128 1251 1196">Natalie Delimata, Lecturer in BA Social Care Practice, ATU Sligo Email: Natalie.delimata@atu.ie</p> <p data-bbox="432 1243 1251 1346">Ruth Quinn, Assistant Lecturer of Civil, Environmental and Water Engineering Email: ruth.quinn@atu.ie</p> <p data-bbox="432 1352 1385 1756">Dr Ruth Quinn is an Assistant Lecturer in ATU Sligo's Civil Engineering Department. Ruth Quinn received her PhD degree in Civil and Environmental Engineering from the University of Greenwich, UK. Following her PhD, Ruth examined water quality and quantity in managed aquifer recharge systems (sand dams) in rural Kenya as part of her role as a research fellow at Cranfield University. Her following project As a postdoctoral researcher at The University of Sheffield, she examined the impact of small-scale sustainable drainage systems (rainwater harvesting, rain gardens etc.) on flood resilience and combined sewer overflow events as part of a large inter-disciplinary team of social and environmental scientists and landscape architects.</p> <p data-bbox="432 1803 1385 1980">Dr Natalie Delimata is a lecturer in ATU Sligo's Department of Social Science. She is also an artist, designer, and social scientist with three decades experience in community arts. As an artist/designer she has exhibited nationally and internationally, her work is included in both state and private collections. As a community artist she developed and</p>

	<p>delivered many community arts projects including cross-community projects in Northern Ireland. As an academic she is internationally recognized as an expert in meta-ethics. Her current research on the social determinants of health, in particular exploring sustainable and accessible ways to address social isolation and loneliness. To this end she developed the Certificate in Social Prescribing currently accepting its 4th intake of students.</p>
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Time	Activity
14:30-15:30	<p>2.4.5 Overcoming Government Barriers to Climate Action in the West of Ireland</p> <p>Venue: <u>Newman Institute 2</u></p> <p>Workshop</p> <p>Concerted action is urgently needed to achieve Ireland's ambitious climate goals. To that end the government offers financial support to encourage a range of individual actions. We argue that many of these supports are poorly targeted, inadequate and inefficient in the West of Ireland. The result is that we in the West are hindered from undertaking the essential actions required to mitigate and adapt to the climate crisis. We outline a range of issues and focus on 2 in particular:</p> <ol style="list-style-type: none"> 1. The inadequacy of photo-voltaic electricity generation for home-owner's full energy self-sufficiency and the need to shift focus to other sources of micro-generation, particularly wind. 2. The ineligibility of much of the West for the new afforestation grants. <p>The session will begin with three 6-minute talks, and then we will take on a workshop format with break-out groups to brainstorm other barriers to climate action specific to the West of Ireland and potential solutions. We facilitate ideas exchange on the topic through break-out groups with the intention of creating an urgent action list for presentation to politicians and government bodies.</p> <p>The session will be run by Climate Action Louisburgh Locality (CALL, https://callclimateaction.ie/), who ran a session in the 2023 conference on turbo-charging community climate action. CALL is actively sparking change to promote reduction of emissions and waste while facilitating biodiversity enhancement, community resilience and self-sufficiency in west Mayo.</p> <p>View the session presentation here.</p>

	<p>Speakers & Bios</p> <p>James Ryan, Founding Director of CALL. Also Founding Director of Killary Fjord Boat Tours. Email: jamesryan.aquavision@gmail.com</p> <p>James is a marine biologist with a passion for terrestrial and marine wild places. He is the founder/proprietor of various shellfish and marine finfish farms. He is also the founder/director, of Killary Fjord Boat Tours; providing boat-based hospitality and tours in Connemara and Dublin. He was the manager of the Ocean Energy Programme at the Marine Institute. Responsible for research and development in marine renewable energy, including the set-up of the Atlantic Marine Energy Test Site off the North Mayo coast, focusing on wave energy devices and floating wind platforms. He is member and founder of two Community Native Woodland Projects. One of CALL funders he is also a director.</p> <p>Richard Mannion, Founding Director and Secretary of CALL. Also Secretary of local Irish Natura Hill Farmers Association, Founding Director and Administrator of Killeen Childcare Ltd. Email: richardmannion42@yahoo.ie</p> <p>Richard is a Biochemist with a passion for self sufficiency. He worked in Allergan Pharmaceuticals and then became a sheep farmer and Agri tourism host at his farm in Devlin, Co Mayo. He uses solar PV to power his ground source geothermal heating system and has lead a movement to encourage and guide people to install solar panels in the region and make their dwellings more energy efficient through a program part of the European Green Deal. He has active presence in the farming community and is the secretary of local Irish Natura Hill Farmers Association. One of CALL funders he is also a director.</p> <p>Ciara Cullen, Founding Director of CALL. Also Founding Director of Macalla Farm. Email: ciara@macallafam.ie</p> <p>Ciara is a sociologist and a farmer. She has been resident of Clare Island since 1981. In Clare Island she runs Macalla Farm, an organic, regenerative farm and retreat centre for yoga, mindfulness, natural horsemanship, vegetarian cooking etc. She has welcomed more than 150 volunteers from all over the world who've helped on the farm since 2001. Passionate about all aspects of food, with her two children she started the Stone Barn Cafe, a seed-to-plate organic vegetarian/vegan cafe on the Island. She has been involved with community development projects on the island since the 1990's. One of CALL funders she is also a director.</p>
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Venue: All Venues

15:30-16:00	Coffee break
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Session 5 – Various Venues

Time	Activity
16:00-17:00	<p>2.5.1 Off Gas! Irish & US Transatlantic Campaign to Stop LNG Fracked Gas Imports</p> <p>Venue: <u>Ballina Arts Centre</u></p> <p>Panel Discussion</p> <p>Join us for a panel discussion with leading campaigners from Ireland and the United States who are working together to stop liquified natural gas (LNG) imports in Ireland from fracked areas in the US. Learn about this transatlantic campaign that has brought together dozens of organizations, celebrities including Mark Ruffalo and Cher and has won incredible victories.</p> <p>In 2017, Ireland banned fracking, an extreme form of oil and gas extraction that uses millions of gallons of water with toxic chemicals to extract oil & gas from underground bedrock. The campaign to ban fracking brought together Irish & US campaigners. Then in 2019, a new fight emerged to stop the building of a fracked gas import terminal in the Shannon River Estuary. The permit was rejected but is being appealed. The transatlantic campaign continues now to stop that permit as well as a new gov't backed plan to build an LNG terminal.</p> <p>Speakers & Bios Julia Walsh, Executive Director, Frack Action, New Paltz, USA Ray Kemble, Co-founder, Dimock Environmental Research Center, Dimock, USA Sinead Sheehan, FutureProof Clare, Clare, Ireland</p>

Time	Activity
16:00-17:00	<p data-bbox="432 277 1251 360">2.5.2 Nature Based (Geo)Solutions to Climate Change in Ireland</p> <p data-bbox="432 414 794 443">Venue: <u>Ballina Civic Offices</u></p> <p data-bbox="432 490 759 519">Presentation & Discussion</p> <p data-bbox="432 566 1382 857">There are currently many different Nature Based Solutions that are under evaluation for application to mitigating the impacts of climate change. This workshop will focus on potential geo based applications in Ireland that could be implemented on local or regional scales. Speakers will introduce options such as land based enhanced weathering for CO2 removal, ocean alkalization for marine carbon dioxide reduction (mCDR), and how to build coastal resilience in local communities facing the impacts of climate change (e.g. rising sea levels, coastal erosion).</p> <p data-bbox="432 904 608 934">Presentations</p> <p data-bbox="432 943 1035 972">Dr Eugene Farrell – view the presentation here.</p> <p data-bbox="432 981 1161 1010">Prof Peter Croot – view the presentations here and here.</p> <p data-bbox="432 1057 555 1086">Speakers</p> <p data-bbox="432 1095 1254 1124">Prof. Frank McDermott, University College Dublin, Dublin, Ireland</p> <p data-bbox="432 1133 1142 1162">Dr Eugene Farrell University of Galway, Galway, Ireland</p> <p data-bbox="432 1171 1126 1200">Prof Peter Croot University of Galway, Galway, Ireland</p>

Time	Activity
16:00-17:00	<p data-bbox="432 275 1350 360">2.5.3 Engaging All Sides: Community-Engaged Learning & Research for Sustainable Development</p> <p data-bbox="432 405 876 436">Venue: <u>The Mary Robinson Centre</u></p> <p data-bbox="432 477 564 508">Workshop</p> <p data-bbox="432 553 1366 734">The 'Engaging All Sides' session will showcase the power of collaborative climate action, emphasizing a synergistic approach between communities and academia. This dynamic discussion will explore a multifaceted, community-centered, multi-stakeholder-driven approach to climate action, integrating three critical perspectives:</p> <ul data-bbox="483 741 1366 1106" style="list-style-type: none"> • Academia's Insights: Highlighting participatory projects involving community partners, students, and academics, illustrating successful community-engaged learning and research. • Action Researchers' Experiences: Discussing the development of sustainable, community-focused tools that bridge knowledge gaps and foster collaboration. • Community Stakeholders' Contributions: Showcasing active co-designing of solutions alongside academia within climate initiatives, reflecting the direct impact and benefits of such collaborations. <p data-bbox="432 1151 1382 1442">Each perspective will contribute to a comprehensive narrative around the practical implementation of sustainable development, offering a nuanced understanding of the challenges and opportunities in enhancing environmental sustainability through collaborative efforts. The session emphasizes multi-stakeholder engagement and concludes with a 'collective imagination' exercise, fostering a shared vision for sustainable communities and inspiring participants to think creatively about long-term environmental solutions.</p> <p data-bbox="432 1487 1350 1630">Designed to foster a unified approach towards sustainable community development, this discussion will inspire participants and provide them with multiple concrete examples demonstrating the potential in collaborative climate initiatives.</p> <p data-bbox="432 1675 608 1706">Presentations</p> <p data-bbox="432 1713 1139 1744">The session presentations are available here and here.</p> <p data-bbox="432 1789 639 1821">Speakers & Bios</p> <p data-bbox="432 1827 1382 1971">Prof. Jamie Goggins, Established Professor of Civil Engineering (Ollamh le hInnealtóireacht Shíbhialta), College of Science & Engineering, School of Engineering, University of Galway. Director of Construct Innovate, Ireland's national Research Centre for Construction Technology and</p>

	<p>Innovation. Co-Principal Investigator in the MaREI Centre, Ryan Institute. Academic Manager, ERBE Centre for Doctoral Training. Email: jamie.goggins@universityofgalway.ie Prof Jamie Goggins is Director of Construct Innovate (www.constructinnovate.ie), which is Ireland's national research centre for construction technology and innovation. He is also on the management team and Principal Investigator in the MaREI Centre for Energy, Climate and Marine (www.marei.ie), which includes for 13 Universities, approximately 220 researchers and 50 industry partners. He was appointed as the 7th Professor of Civil Engineering at the University of Galway in 2020. Within the University of Galway (www.universityofgalway.ie), he has also served as Director of Research & Innovation in the School of Engineering and has also led the development and delivery of the first two Sustainability Strategies for the university in his role as Chair of CUSP (www.universityofgalway.ie/sustainability). He has been lead principal investigator on over 80 research projects in the past fifteen years, most in collaboration with industry. He is an advocate for sustainable development.</p> <p>Avril Ní Shearcaigh, Manager of Aran Islands Energy Coop., Galway, Ireland. Email: avril@aranislandsenergycoop.ie Avril Ní Shearcaigh has been working as the manager of Comharchumann Fuinnimh Oileáin Árann Teo – The Aran Islands Energy Co-Operative for the past 6 years. Avril has a background in communications, something which has helped her hugely in her role with the co-op when dealing with local residents and other stakeholders in the energy transition. The co-op has been involved in national and European funded research projects since 2018 which is helping them to progress their goal of energy self-sufficiency and securing the future of the islands, by putting them in touch with the experts and problem solvers, all while generating year-round employment on the islands. The organisation first began collaborating on research projects with academic partners in 2018.</p> <p>Andreea Alexandrov, PhD Candidate, College of Science & Engineering, School of Engineering, NUIG, Galway. Email: a.alexandrov1@universityofgalway.ie Andreea Alexandrov is a PhD candidate at the University of Galway, specializing in empowering communities for sustainable futures. With a strong background in communication, she has secured over €100 million in grants and led national grant-giving programs to enhance civic engagement and infrastructure. In her professional journey as a non-profit sector practitioner, she has focused on enhancing capacities within civic programs and advancing empowering narratives in community development. Andreea is a fellow at The Center on</p>
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	Philanthropy & Civil Society at The Graduate Center, City University of New York (CUNY), and a former scholar of The European Community Foundation Initiative (ECFI), applying collective impact and systems thinking to advance the non-profit sector.
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Time	Activity
16:00-17:00	<p>2.5.4 The ups and downs of rural life</p> <p>Venue: <u>Newman Institute 1</u></p> <p>Panel Discussion</p> <p>The ups and downs of rural life will be a session run by Galway Student Union focused on the challenges young people face living in rural Ireland such as transport, lack of opportunities to participate in climate activism and what the future of farming is going to like due to climate crisis.</p> <p>Our session will be a guest panel discussion and will have four young people talking about rural Ireland and their experiences living in rural Ireland.</p> <p>The session will have four speakers Aisling Maloney, Róisín Myers, Dean Kenny, Peter O'Neill and will be moderated by Molly Hickey. It will be one hour long with a Q and A included in that.</p> <p>Speakers & Bios</p> <p>Mx Molly Hickey – su.environment@universityofgalway.ie Molly (they/them) is a second year BA Human Rights student in the University of Galway. They are the Environmental and Sustainability Officer of the Students' Union in the University of Galway, alongside interning within the University of Galway's Sustainability Office this summer. Outside of academics, they are involved with Youth Work Ireland, Spunout, the National Youth Council of Ireland and Plan International Ireland. They also volunteer with the Webwise National Youth Panel on internet safety, as a Better Internet for Kids (BIK) European Ambassador and are part of the "Our Feed Our Future" ThinkYoung Youth Network.</p> <p>Mr. Dean Kenny – su.president@universityofgalway.ie Dean Kenny (he/him) is the President of University 2023-24 of Galway's Student Union (Comhaltas na Mac Léinn Ollscoil na Gaillimhe). He is from Belcarra, Co. Mayo, and he is a Maths and Education graduate. He has been involved in many different organizations in the past, including</p>

	<p>Mayo Comhairle na nÓg, Foróige, Mindspace Mayo, and his local club Balla GAA.</p> <p>Ms. Aisling Maloney – aislingmaloney09@hotmail.com Aisling (she/her) grew up in a rural area in County Tipperary before moving to Dublin. She is a third-year Law with Politics student in UCD, where she volunteers as the Law College Officer of UCD Students' Union and the Chairperson of the UCD Politics Society. She has been involved in youth advocacy for several years, currently sitting on the Board of Directors of Spunout and serving as the NYCI's delegate to the European Youth Forum. She is also a member of the National Youth Assembly and the Shared Island Youth Forum. Additionally, she is engaging in climate activism through her roles as a Climate Ambassador with An Taisce, an EU Climate Pact Ambassador with the European Commission and a member of the Mary Robinson Centre Young Climate Leaders Programme.</p> <p>Mr Peter O'Neill - P.ONEILL13@universityofgalway.ie Peter O'Neill (he/him) is a youth activist from rural East Galway. He attended the first National Youth Assembly on Climate in 2021, represented Ireland at the 13th UNESCO Youth Forum in Paris in 2023 and is on the national action panel of spunout. He is studying History with International Development and Global Media in the University of Galway and is the incoming Sustainability and Environmental Officer with University of Galway's Student Union (Comhaltas na Mac Léinn Ollscoil na Gaillimhe).</p> <p>Ms Roisin Myers – roisin.myers@issu.ie Roisin Myers (she/her) is a climate activist from Cork. She was elected Sustainability officer for the Irish Second level Students Union (ISSU) for the term 2023 - 2024. While sustainability and climate action are my area of expertise, she worked on a wide array of issues with various youth organizations over the years, such as Scouting Ireland, the YMCA and the European Youth Parliament (EYP).</p>
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Time	Activity
16:00-17:00	<p>2.5.5 Making Climate Sound Waves: River Clyde Community Science collaboration in Glasgow</p> <p>Venue: <u>Newman Institute 2</u></p> <p>Presentation & Discussion</p> <p>Join the GALLANT University of Glasgow project and the Glasgow Community and Arts Radio Show Project (www.Sunnyg.org) on a partnership to communicate and trial community sustainable solutions in Govan, and other designated Communities in Glasgow. We will explore the range of this community radio show audio outputs and other creative outputs produced during this phase of this Project and their potential impact as dynamic education support resources. We hope to demonstrate that capturing and communicating a range of radio voices across the journey of this Project will serve to engage and inspire intergenerational Climate Action and to support the recruiting of Citizen Science community champions, participants and community organisers to the University of Glasgow's GALLANT 5 year project.</p> <p>View the session presentation here.</p> <p>Speakers & Bios Dr Ria Dunkley, GALLANT University of Glasgow Sustainability Living Lab Project Email: Ria.Dunkley@glasgow.ac.uk Dr Ria Dunkley is a Senior Lecturer in Geography, Environment and Sustainability within the School of Education at the University of Glasgow. She specialises in ecopedagogy as a route to enabling both an understanding of the climate crisis and empowering individuals, communities and organisations to initiate sustainable solutions through research, education and partnership. She is currently leading the Community Collaboration work within GALLANT, (£10.4 m) based within the Centre for Sustainable Solutions and funded by the Natural Environment Research Council (NERC). She is co-chair of the European CIVIS hub for Climate, Energy and Environment, Associate Director of the Centre for Sustainable Solutions and Co-lead for the College of Social Sciences Interdisciplinary Research Theme "Challenges in Changing Cities". Ria also coordinates Spot-a-Bee, a citizen science project run as a collaboration between academics at the University of Glasgow and Cardiff University and the Hidden Environmental Histories of the River Clyde.</p>

	<p>Ms Simone Murray, Sunny Govan Community Radio, Glasgow, www.sunnyg.org Email: Glasgowradioarts@gmail.com A Broadcast Journalist, Arts Education Consultant and Glasgow Govan Community Lead for GALLANT University of Glasgow. A Dubliner, at home in Glasgow, passionate about the eco- regeneration of the Clydeside community she lives in. She has developed applied Arts Education, Citizenship and Sustainability programmes for RUA RED Arts Centre for South Dublin County Council and Dunlaoire- Rathdown County Council. Scotland based projects co-developed in Glasgow include a Community Sustainability project the G20 Youth Project and the 5 year Glasgow Community and Arts Radio Show Project. She has lectured at DCU, Dublin, HAN Netherlands, and Queens University, St Mary's College Belfast and was National Arts Advisor to the EDC DCU on Social Inclusion and Education Disadvantage and formerly Research Associate to the EDC, Dublin City University.</p>
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Feast upon the Earth Exhibition

Time	Activity
10:00-17:00	<p>Feast upon the Earth</p> <p>Venue: Ballina Civic Office</p> <p>Exhibition</p> <p>Feast upon the Earth is an experiential installation of Earth's history focussing on humans and our impact on the planet. It explores human existence and our current relationship with the Earth.</p> <p>Originally commissioned by IMMA for the Earth Rising Festival.</p>

Repair Cafe

Time	Activity
14:00-17:00	<p>Repair Café</p> <p>Venue: Ballina Library</p> <p>Clothing Repair – 30min appointments</p> <p>In partnership with The Rediscovery Centre, bring your textiles for repair at our Repair Cafe.</p> <p>We're offering 30 minute repair slots, and a space to sit and chat over coffee about how to mend and repair your clothing so it works better and for longer for you!</p>

Friday, 7 June, 2024

Venue: The Mary Robinson Centre

Time	Activity
10:00-11:00	<p>Climate Cuppa</p> <p>Cafe</p> <p>Join us for a cuppa and a chat about all things climate!</p>
11:00-13:00	<p>Biodiversity Meitheal</p> <p>Workshop</p> <p>We're setting up an urban farm at the Mary Robinson Centre. This meitheal will help with pollinator friendly planting and set up the veg planters so our garden is summer ready</p>
13:00-13:45	<p>Lunchtime music in the garden</p>
14:00-16:00	<p>Swap Shop</p> <p>Workshop</p> <p>Our swap shop is back! This time, we're swapping toys, plants and books - bring something or take something- or both!</p> <p>You'll receive a token for each item you bring that you can redeem when you find something you'd like to swap for.</p>

Time	Activity
10:00-13:00	<p>Feast upon the Earth Exhibition</p> <p>Exhibition</p> <p>Feast upon the Earth is an experiential installation of Earth's history focussing on humans and our impact on the planet. It explores human existence and our current relationship with the Earth.</p> <p>Originally commissioned by IMMA for the Earth Rising Festival.</p>