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Technological University of the Shannon Midlands Midwest
Ollscoil Teicneolaiocha don Sionainn Lar na Tire Lar Thiar

Energy Renovation of Historic Buildings in Ireland: Policy, Practice and Impact

Agenda - Training Day 1: POLICY

Friday, 17th January 2025 at the Printworks, Dublin Castle

Time	Topics and Speakers	
9:00 – 9.30	Registration (tea and coffee)	
9.30 – 10.00	Welcome and Opening Remarks	Moderator - Eileen Dunne John Conlon - Chair OPW Kaspar Richter - Directorate-General for Structural Reform Support, European Commission (Online) Prof. Vincent Cunnane - President of TUS
10.00 – 11.10	**Session 1: The Big Picture**	
10.00 – 10.25	Climate Change: Impacts and Responses from an Irish Perspective.	Conor Murphy - ICARUS
10.25 – 10.35	EU changes to EPBD & EED	Nina Neumann - EU Commission (Online)
10.35 – 10.50	How the EPBD leads to significant changes to the renovation of our traditional buildings in Ireland.	Georgina Molloy - SEAI
10.50 – 11.20	Tea / Coffee break	
11.20 – 12.40	**Session 2: Context of technical support project: Deep Energy Renovation of Historic Buildings in Ireland**	
11.20 – 11.40	Support to the Renovation Wave – EU Technical Support Instrument	Jovana Jovović Komnenić, European Commission
11.40 – 11.50	Origins of the Project	Audrey Farrell - OPW Kieran Reeves - Limerick City County Council
11.50 – 12.10	Overview of the Project results	Koen Rademaekers - Trinomics
12.10 – 12.40	*Discussion Panel: Energy and Carbon Performance for Historical Buildings*	
12.40 – 13.40	LUNCH with Exhibitions and Networking	
13.40 – 15.10	**Session 3: How Policy Affects us**	
13.40 – 14.00	Sustainability and Circular requirements impacting on traditional and heritage buildings	Charles Mitchell - Office of Government Procurement
14.00 – 14.20	Energy Upgrading of Traditional Buildings for Low Embodied and Life Cycle Emissions	Jacqui Donnelly - National Built Heritage Service
14.20 – 14.40	What the BIM Mandate means in terms of traditional and historical buildings	Stephen Lynam - Office of Government Procurement
14.40 – 15.10	Tea / Coffee break	
15.10 – 16.45	**Session 4: Social and Cultural Influence of Heritage Buildings**	
15.10 – 15.50	Keynote Speaker	Mary Robinson
15.50 – 16.30	*Discussion Panel: Changes Influencing the Renovation of Historical Buildings*	
16.30 – 16.40	Training and Agenda for Next Day	Lis O'Brien - TUS
16.40 – 16.45	Closing Remarks	OPW

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Energy Renovation of Historic Buildings in Ireland: Policy, Practice and Impact

Agenda - Training Day 2: PRACTICE

Rescheduled Tuesday, 25th February 2025 at the Printworks, Dublin Castle

Time	Topics and Speakers	
9:00 – 9.30	Registration with tea/coffee	
9.30 – 9.40	Welcome and Introductions	Moderator Tomás O'Connor -OPW
9.40 – 10.40	**Session 1: Building Assessment**	
9.40 – 10.00	How traditional buildings work and typical defects	Frank Keohane – Building Surveyor
10.00 – 10.20	FabTrads project and database - Case study	Dr Rosanne Walker - UCD
10.20 – 10.40	Scan to BIM and defect investigations - BIM Case Study for Heuston Station	Robert Bartley - Murphy Geospatial
10.40 – 11.10	Tea / Coffee break	
11.10 – 12.40	**Session 2: EU TSI Project: Approaches to Deep Energy Renovation of Historic Buildings - Case Studies**	
11.10 – 12.10	Application of the OPW Energy Renovation to four case studies for the EU TSI Project, covering on-site assessments, hygrothermal modelling and detailed design.	Grainne Shaffrey - Shaffrey Architects Andy Lundberg - Passivate Jonathan Buckley - Shaffrey Architects
12.10 – 12.40	*Discussion Panel: Appraising Approaches for Energy Renovation*	
12.40 – 14.10	LUNCH and Demonstrations	
	1. Demo scanning, drones and thermal imaging 2. Setting up heat flux installations for testing and monitoring (Passivate) 3. Materials and Systems Market and Heritage Skills Demonstrations	
14.10 – 15.40	**Session 3: Decarbonisation of Buildings**	
14.10 – 14.30	Heating from the Ceiling: Evaluating Electric Wallpaper in Glasgow tenements via a sensor-based system. Q&A	Dr Ahmad Taha – Glasgow University
14.30 – 14.45	Impacts on the Rubrics Building, Trinity College integrating Geothermal Heating - Case study	Ric Pasquali - GeoServ
14.45 – 15.00	The future of RES PV on historic buildings with MorphoColor™ film technology - Herisol Project	Dr Jan-Bleicke Eggers - Fraunhofer Institute
15.00 – 15.20	Importance of ventilation and indoor environmental quality in buildings	Simon Jones – Air Quality Matters
15.20 – 15.40	*Discussion Panel: Low Carbon Future*	
15.40 – 16.10	Tea / Coffee break	
16.10 – 16.50	**Session 4: Futureproofing Renovation**	
16.10 – 16.40	Keynote Speaker: EU developments and impact on the renovation of Irish traditional buildings	Adrian Joyce - Efficient Buildings Europe
16.40 – 16.50	*Questions and Answers*	
16.50 – 17.00	Training and Closing Remarks	OPW and TUS

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Energy Renovation of Historic Buildings in Ireland: Policy, Practice and Impact

Agenda - Training Day 3: IMPACT

Friday, 7th February 2025 at the Printworks, Dublin Castle

Time	Topics and Speakers	
9:00 – 9.30	Registration with tea/coffee	
9.30 – 9.40	Welcome and Agenda	Moderator Pat Barry - IGBC
	Opening Event	Rosemary Collier - OPW
9.40 – 11.10	**Session 1: EU TSI Project: The Wider Benefits of Renovation**	
9.40 – 10.00	CBA/LCA/LCCC/LCC - What's the difference? Carbon and Cost Benefit Analysis - TSI Case Studies with Q&A	Kardelen Afrodit Adsal - Trinomics (online)
10.00 – 10.20	Sustainable investment and Financial models	Jessica Glicker - Trinomics
10.20 – 10.40	Limerick City Xchange – Positive Energy Block Limerick	Kieran Reeves - Limerick City County Council
10.40 – 11.10	Tea / Coffee break	
11.10 – 12.30	**Session 2: Informed Decision Making**	
11.10 – 11.30	DECC Headquarters - The Deep Retrofit of Tom Johnson House	Dan Costelloe - OPW
11.30 – 11.45	WUfi and building a database	Joseph Little – TU Dublin
11.45 - 12.00	Dublin City Council Carbon Digital Twin Technology	Niall Buckley - Integrated Environmental Solutions
12.00 – 12.30	*Discussion Panel: The Wider Benefits of Decarbonisation*	
12.30 – 13.40	LUNCH with Materials and Practical Demonstrations	
	Virtual Reality Experience: Defects in traditional building & Wall build up (DASBE/TUS)	
13.40 – 15.00	**Session 3: Learning from Practice**	
13.40 – 14.00	Dublin Castle Offices– Post-renovation monitoring	Audrey Farrell - OPW Andy Lundberg - Passivate
14.00 – 14.30	Adaptive Re-use of LSE project	Laura Burley – David Chipperfields
14.30 – 15.00	Upskilling opportunities for Historic Renovations and Decarbonisation	Lis O'Brien - TUS
15.00 – 15.30	Tea / Coffee break	
15.30 – 16.40	**Session 4: Benefits to Society**	
15.40 – 16.10	Keynote Speaker: Importance of keeping heritage buildings in use – healthy buildings/benefits for society	Adala Leeson - Historic England
16.10 – 16.40	*Discussion Panel: Are we all together in the Decarbonisation of our Buildings?*	
16.40 – 16.50	Training Updates	Lis O'Brien - TUS
16.50 – 17.00	Closing Remarks and Official Close	OPW and TUS