



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	<i>Discussion Panel: Energy and Carbon Performance for Historical Buildings</i>	
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	<i>Discussion Panel: Changes Influencing the Renovation of Historical Buildings</i>	
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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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	<i>Discussion Panel: Appraising Approaches for Energy Renovation</i>	
12.40 – 14.10	LUNCH and Demonstrations	
	<ol style="list-style-type: none"> 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 (online)
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	<i>Discussion Panel: Low Carbon Future</i>	
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	<i>Questions and Answers</i>	
16.50 – 17.00	Training and Closing Remarks	OPW and TUS



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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?	Kardelen Afrodit Adsal - Trinomics (online)
	Carbon and Cost Benefit Analysis - TSI Case Studies with Q&A	
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	<i>Discussion Panel: The Wider Benefits of Decarbonisation</i>	
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
	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	<i>Discussion Panel: Are we all together in the Decarbonisation of our Buildings?</i>	
16.40 – 16.50	Training Updates	Lis O'Brien - TUS
16.50 – 17.00	Closing Remarks and Official Close	OPW and TUS