

3-7 July 2023

RE-DWELL

Summer School #3

Reading

Innovations on affordable and
sustainable housing

School of Architecture, University of Reading
London Road Campus, London Rd, Reading RG1 5AG



RE-DWELL "Delivering affordable and sustainable housing in Europe" has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 956082

The Reading Summer School represents the third and final instalment of the RE-DWELL Innovative Training Network's summer schools. Its main objective is to foster knowledge exchange between early stage researchers (ESRs), supervisors and non-academic organisations on the challenges and opportunities associated with "Innovations in Affordable and Sustainable Housing". In this regard, a central activity of the programme will be sessions dedicated to the development of an assessment framework for affordable and sustainable housing, one of the main expected outcomes of this transdisciplinary research network.

Leading speakers from a variety of backgrounds, including professional practice, academia and local government, have been invited to address the workshop theme from multiple perspectives. The presentations will be followed by panel discussions and field visits to enhance participants' practical understanding of the need to provide innovative approaches to overcome the tensions between housing affordability and sustainability.

Moreover, the programme of activities is designed to facilitate the enhancement of ESR competencies through specific training activities, with particular emphasis on the on-going courses Research, Methods and Tools: "Transferring research findings to community stakeholders" (RMT3) and Transferrable Skills: "Communication and dissemination; Engagement and impact courses" (TS3).

Timetable	4
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External participants	11

Timetable

*Please note that the timetable is given in local time (GMT+1).

<p>Day 1 Monday, 3 July</p>	<p>10:00 to 10:15 10:15 to 12:00 13:00 to 14:00 14:00 to 15:00 15:30 to 17:00 19:00</p>	<p>Welcome Knowledge and evidence-based housing: Creating impact in housing research Lunch Tools and methods of POE Workshop - Reflect on Assignments Dinner</p>
<p>Day 2 Tuesday, 4 July</p>	<p>10:00 to 11:00 11:00 to 12:00 12:00 to 13:00 13:00 to 14:00 14:00 to 16:00 16:00 to 17:00 19:00</p>	<p>Innovation in finance models for affordable housing: CLTs and Co-housing Innovation in housing design Discussion New models of affordable housing Lunch RMT3 course: Exploring gaps and challenges in the transfer of research results Session Work package 4 Dinner</p>
<p>Day 3 Wednesday, 5 July</p>	<p>10:00 to 11:00 11:00 to 12:00 12:00 to 13:00 13:00 to 14:00 14:00 to 17:00 18:00 to 19:00 19:30</p>	<p>Innovation in housing research: What next? RE-DWELL Assessment Framework Game session Lunch Game session (continuation) Station Hill Reading Development Site Tour Dinner</p>
<p>Day 4 Thursday, 6 July</p>	<p>11:00 to 13:00 13:00 to 14:30 14:30 to 16:30 17:00</p>	<p>Regeneration projects: a microcosm of social housing activity Free choice lunch Introduction to social value housing tool KTP (Knowledge Transfer Partnership) Free choice dinner</p>
<p>Day 5 Friday, 7 July</p>	<p>9:00 to 9:15 9:15 to 10:45 10:45 to 11:00 11:00 to 12:30 12:30 to 13:30 13:30 to 15:00 15:00 to 15:30 15:30</p>	<p>WP4 discussion and outputs D4.1 Design, planning and building Break D4.2 Community Participation Lunch D4.3 Policy and Finance Wrap-up, conclusions and follow-up Conclusion</p>

Day 1

Monday, 3 July 2023

10:00 to 10:15

Welcome

- **Leandro Madrazo**, RE-DWELL Project Coordinator, La Salle-URL.
- **Lorraine Farrelly**, Head of School of Architecture, University of Reading.

Location
L22 G06

10:15 to 11:30

Knowledge and evidence-based housing: Creating impact in housing research

Presentation followed by a workshop.

Speakers:

- **Prof Chris Foye** - on Think Tanks.
- **Dr Phil Graham** - on sharing knowledge between practice and academia.
- **Prof Flora Samuel** - on sharing knowledge between academia and practice.

Facilitator:
Lorraine Farrelly,
University of Reading

11:30

Workshop – developing an impact plan

Facilitator:
Lorraine Farrelly,
University of Reading

13:00-14:00

Lunch

14:00 to 15:00

Tools and methods of POE

Presentation followed by a workshop.

Speakers:

- **Dr Gloria Vargas.**

Location
L22 G06

15:30 to 17:00

Workshop - Reflect on Assignments

The workshop will be centred around TS3 Task 1: Research Communication Plan. ESRs will consider the importance of dissemination to key stakeholders, identification and mapping of target audiences, and appropriate methods for communication. Reflections from the secondments will be used to create a plan for communication and engagement.

Location
L33 101

Facilitators:
Lisa Lazareck-Asunta,
University of Reading

Lorraine Farrelly,
University of Reading

19:00

Dinner

Comptoir Libanais.

Day 2

Tuesday, 4 July 2023

10:00 to 11:00

Innovation in finance models for affordable housing: CLTs and Co-housing

Presentations followed by discussion.

Location
L22 G06

Speakers:

- **Kath Scanlon**, London School of Economics.

11:00 to 12:00

Innovation in housing design

Presentations followed by discussion.

Speakers:

- **Meredith Bowles**, Director Mole Architects.

12:00 to 13:00

Discussion: New models of affordable housing

Facilitator:
Lorraine Farrelly,
University of Reading

13:00 to 14:00

Lunch

14:00 to 16:00

RMT3 course: Exploring gaps and challenges in the transfer of research results

Location
L33 101

Hands-on workshop.

Facilitator:
Adrienne Csizmady, TK SZI

16:00 to 17:00

Session Work package 4

Location
L33 101

Working time for ESRs on chapter 3 of D4.1-3.

Facilitator:
Marja Elsinga, TU Delft

19:00

Dinner

Zero Degrees Micro Brewery.

Day 3

Wednesday, 5 July 2023

10:00 to 11:00

Innovation in housing research: What next?

Presentation followed by discussion: Mapping the future of housing research.

Speakers:

- **Roland Karthaus from Matter housing (online)**- Housing research and design: The case of intergenerational housing.
- **Ruchit Purohit**, University of Cambridge - Social innovation in housing and research: Mapping and data.

Location
L22 G06

Facilitator:
Lorraine Farrelly,
University of Reading

11:00 to 12:00

Partners meeting and discussion: WP4 and transdisciplinary assessment framework

State of the art in three fields:

- Design, Planning and Building, by Nadia Charalambous, University of Cyprus
- Community Participation, by Adrienne Csizmady, Centre for Social Sciences
- Policy and Finance, by Gojko Bezovan, University of Zagreb

Facilitator:
Marja Elsinga, TU Delft

12:00 to 13:00

Game "Building together RE-DWELL affordable and sustainable housing assessment framework"

Location
L33 101

Facilitator:
Alexandra Paio, ISCTE

13:00 to 14:00

Lunch

14:00 to 17:00

Game continuation

Location

L33 101

Facilitator:

Alexandra Paio, ISCTE

18:00 to 19:00

Station Hill Tour: Example of a local mixed-use development

Site Visit

Speakers:

- **Lee Fearnhead** (LPC) Lincoln property developers.
- **John Badman and/or Michael Dillon** (Architects- Callison RTKL).

Location

1 Station Hill, Reading RG1 1NF

19:30

Dinner

Carluccios.

Day 4

Thursday, 6 July 2023

11:00 to 13:00

Regeneration projects: a microcosm of social housing activity

Practice visit to Clarion Housing Association, London.

Speakers:

- **Elanor Warwick.**
- **Paul Quinn.**

Location:

Level 6, 6 More London Place,
More London PI, Tooley St,
London SE1 2DA

13:00 to 14:30

Lunch

Free choice.

14:30 to 16:30

Introduction to social value housing tool KTP (Knowledge Transfer Partnership)

Practice visit to PTE Pollard Thomas Edwards Architects, London.

Speakers:

- **Tom Dollard.**

Location:

38 Graham St, London N1 8JX

17:00

Free choice of dinner in London

Day 5

Friday, 7 July 2023

9:00 to 9:15

WP4 discussion and outputs

Location

L22 G06

Facilitator:

Marja Elsinga, TU Delft

9:15 to 10:45

D4.1 A transdisciplinary perspective to planning, design and building

Facilitator:

Nadia Charalambous, UCY

- ESR presentations and discussion

10:45 to 11:00

Break

11:00 to 12:30

D4.2 A transdisciplinary perspective to community participation

Facilitator:

Adrienne Csizmady,
Centre for Social Sciences

- ESR presentations and discussion

12:30 to 13:30

Lunch

13:30 to 15:00

D4.3 A transdisciplinary perspective to policy and financing

Facilitator:

Gojko Bezovan,
University of Zagreb

- ESR presentations and discussion

15:00 to 15:30

Wrap-up, conclusions and follow-up

Facilitator:

Marja Elsinga, TU Delft

15:30

Conclusion

- **Leandro Madrazo**, RE-DWELL Project Coordinator, La Salle-URL.
- **Lorraine Farrelly**, Head of School of Architecture, University of Reading.

External participants



Meredith Bowles



Meredith Bowles is the founding Director of Mole Architects. He is Visiting Professor at The University of Suffolk and teaches a Sustainability masterclass at the University of Cambridge Department of Architecture. He is co-Chair of the Cambridge Quality Panel and the Suffolk Design Review Panel. His twin passions are designing characterful places and reducing the environmental impact of construction.

Mole Architects was founded in 1997 and has been noted for its distinctiveness, originality, and a commitment to low energy design. Mole were early exponents of the use of CLT and have over 10 years of Passivhaus experience. Recent buildings have included timber workspace buildings at The Design District, Passivhausalmshouses for Girton Town Charity, and with TOWN the highly acclaimed Marmalade Lane co-housing development. The experience of co-design has led Mole on to other community housing projects, as well as winning the William Sutton Prize for Sustainability and Placemaking in 2022.

Tom Dollard



As partner of sustainability and innovation, Tom leads PTE's ever-evolving zero carbon culture providing project teams with training, support and inspiration. He is focused on practical, implementable solutions that ensure a building's in-use energy performance matches the design intent. Tom is a director of the Good Homes Alliance, a member of the CIBSE homes for the future group and has been part of various publications and research projects for Government and industry to help increase supply of low carbon homes. He is a certified Passivhaus Designer, BREEAM Accredited Professional. His work for the Zero Carbon Hub and Building for 2050 has helped address the performance gap in the delivery of energy efficient homes. A second printing of Tom's best-selling 2018 book for RIBA, "Designed to Perform: An illustrated guide to delivering energy efficient homes" will be published in 2022.

Prof Chris Foye



Dr Chris Foye is a Lecturer in Housing Economics at the University of Reading. Previously, he was a Knowledge Exchange Associate with the UK Collaborative Centre for Housing Evidence. His research interests are interdisciplinary cutting across economics, sociology and geography, and drawing on both qualitative and quantitative methods.

Dr Phil Graham



Philip is an architect of almost 20 years, a lecturer at the University of Reading, and an Innovation Scholar at the University of Cambridge. The output of this three-year postdoc will be a handbook of 'Adjustable Housing' - a transdisciplinary proposition that emerged from his 2023 PhD at Reading, supervised by Prof. Flora Samuel. Alongside, he remains a member of Cullinan Studio - an employee-owned practice in London - and is about to become a visiting lecturer at Tampere University, Finland. He has worked in the British Army, the USA, Romania and Libya, where he was project architect on the design of a new city.

Roland Karthaus



I'm an Architect, Designer, Researcher and Educator, increasingly exploring beyond my traditional discipline in the pursuit of socially and environmentally sustainable places. I do this through several, complementary roles:

I'm Programme Lead at the Design Council, responsible for major infrastructure work with organisations like Network Rail with whom we've developed a trusted strategic partnership. Most recently I led the design and delivery of a training programme in design thinking called the Buildings & Architecture Academy, now being rolled out across the organisation.

I'm also Research Fellow at UCL Institute for Innovation and Public Purpose, working on a Mission-led procurement project to deliver social change in Camden Council.

In 2016 I co-founded Matter Architecture: an RIBA chartered practice based in East London. The practice has established a strong reputation for design excellence across a wide range of sectors and scales as well as for innovative research and is led by my co-founder Jonathan McDowell.

Lisa Lazareck-Asunta

Lisa Lazareck-Asunta is the Impact Development Manager for the Environment Theme at the University of Reading. She looks at the impact of university research outside of academia – be it to the economy, society, culture, public policy or services, health, the environment or quality of life.

Lisa is also a 20-year Senior Member of the Institute of Electrical and Electronics Engineers (IEEE) – the world's largest technical professional organisation with more than 419,000 members from 160 countries. Since 2019, Lisa has also been the global Chair of Women in Engineering at the IEEE. Lisa is passionate about Diversity and Inclusion, education and engagement with science and engineering.

Ruchit Purohit



Ruchit is an architect, urban designer and development practitioner. He has previously worked and researched on projects ranging from community-led regeneration, community led-heritage and community-led design. Areas of interest include the critical analysis of the current understandings of Heritage; participatory decision-making; and tools for participation such as codesign and coproduction; transdisciplinary research in the built environment; and urban commons. Ruchit graduated with a PhD in Design Research Planning from Kingston University London; a Masters degree from the University College London in Development Planning: Building and Urban Design in Development; and a Bachelor of Architecture degree from the University of Mumbai.

Paul Quinn



Paul has worked in social housing for over 35 years. The majority of this time was spent working on regeneration project, beginning in the former mining villages of North Wales before taking him to the English Midlands, where he led regeneration schemes in Leicester and the Black County. At Clarion he looks after both the Regeneration team and the Programme teams. Together these teams help plan and deliver some of UK's most complex and ambitious residential-led regeneration schemes. These range from the 3000 new homes planned for Merton to a 14-home site in Bromley. When not at work Paul is a regular cinema goer, supports Leicester City and really enjoys travelling

Prof. Flora Samuel



Flora Samuel is the Professor of Architecture (1970) at the University of Cambridge and is known for her work on social value, participatory planning and supporting the development of research in practice. She was the first RIBA Vice President for Research. Her most recent book Housing for Hope and Wellbeing was published earlier this year.

Kath Scanlon



Economist and planner Kath Scanlon is Distinguished Policy Fellow and deputy director of LSE London, a research unit at the London School of Economics, where she has been based for 20 years. She specialises in understanding the impact of housing policy at local and national level. She has conducted policy-focused research for a range of UK and international funders including the GLA, several London boroughs, Homes for Scotland and the Council of Europe Development Bank. Kath is secretary of the European Network for Housing Research, the foremost group for scholars of housing. Her role involves regular engagement with civic groups and decisionmakers, and she has appeared before UK parliamentary committees and local governments to give evidence about her work.

Gloria Vargas Palma



Dr Gloria Vargas Palma has focused her research on Post Occupancy Evaluation (POE). She was a member of the research group 'People, Environment and Performance' at the School of Architecture, University of Sheffield and 'Energy, Environments and People' at the Welsh School of Architecture. Her research on POE includes thermal comfort, transitional spaces and building physics in low-income housing. She is currently a KTP Research Associate in a partnership between Pollard Thomas Edwards Architects and the 'Urban Living Research Group' at the School of Architecture at the University of Reading. Her current research explores where social value happens in housing and the incorporation of social value data in Post Occupancy Evaluation.



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