

## Delivering affordable and sustainable housing in Europe

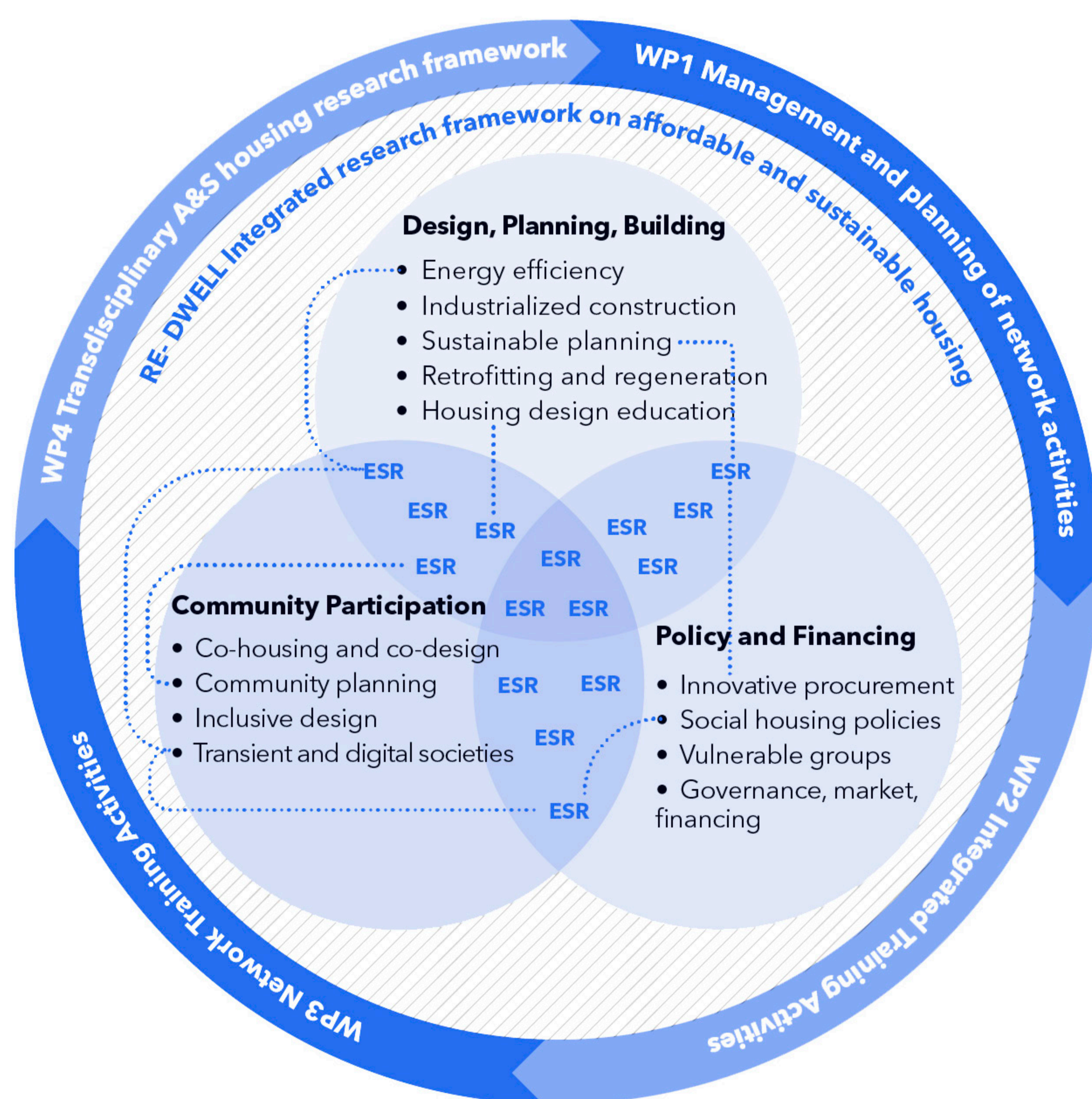
Innovative Training Network

EXCELLENT SCIENCE - Marie Skłodowska-Curie Actions (2020-2024)

The objective of RE-DWELL is to promote sustainable and affordable housing solutions in Europe by conducting interdisciplinary research, fostering knowledge exchange, and developing innovative practices. It aims to address the challenges of affordability, energy efficiency, and decarbonization in the housing sector through collaborative efforts involving academia, industry partners, policymakers, and other stakeholders. The goal is to generate evidence-based insights, policy recommendations, and practical solutions that can contribute to the development of sustainable housing policies and practices across Europe.

The **RE-DWELL** research framework consists of three interrelated areas:

- **Design, Planning, and Building** focuses on the design and construction of new and retrofitted housing taking into account both the building and urban scale.
- **Community Participation** emphasizes the importance of stakeholder engagement and collaboration in the development and implementation of affordable housing initiatives.
- **Policy and Financing** is concerned with the analysis of housing policies and governance frameworks, as well as the deployment of new financial instruments at the local, regional, and national levels.



These three areas are interconnected through the research projects conducted by 15 early-stage researchers as part of their PhD theses at the beneficiary institutions.

### Beneficiaries:

- La Salle – Ramon Llull University, SPAIN (Project coordinator)
- Université Grenoble Alpes, FRANCE
- University of Sheffield, UK
- University of Zagreb, CROATIA
- Hungarian Academy of Sciences, HUNGARY
- University of Cyprus, CYPRUS
- Polytechnic University of Valencia, SPAIN
- TU Delft, NETHERLANDS
- University Institute of Lisbon, PORTUGAL
- University of Reading, UK

### Partner organisations:

- Lisbon City Council, PORTUGAL
- Sustainable Towns, SPAIN
- Budapesti Módszertani Szociális Központ, HUNGARY
- Lisbon City Council, PORTUGAL
- Institut Català del Sol, SPAIN
- Clarion Housing Group, UK
- Casais, PORTUGAL
- Cyprus Land Development Corporation, CYPRUS
- South Yorkshire Housing Association Ltd, UK
- European Federation for Living, NETHERLANDS
- Housing Europe, BELGIUM
- Városkutatás Kft, HUNGARY



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## Early-stage researchers (ESRs)

Fifteen early-stage researchers from 11 countries were selected from a pool of 246 worldwide applicants. The background of these researchers cover the various fields involved in RE-DWELL's transdisciplinary research, including architecture, urban planning, economics, social innovation, governance, and financing.

 <b>Annette Davis</b> ESR1 B1 - School of Architecture La Salle, Ramon Llull University	 <b>Saskia Furman</b> ESR2 B1 - School of Architecture La Salle, Ramon Llull University	 <b>Christophe Verrier</b> ESR3 B2 - Pacte - Laboratoire de sciences sociales, Université Grenoble Alpes	 <b>Aya Elghandour</b> ESR4 B5 - Sheffield School of Architecture (SSoA), University of Sheffield	 <b>Effrosyni Roussou</b> ESR9 B6 - Department of Architecture, University of Cyprus	 <b>Zoe Tzika</b> ESR10 B7 - School of Architecture, Universitat Politècnica de València	 <b>Tijn Croon</b> ESR11 B8 - Faculty of Architecture and the Built Environment (ABE), TU Delft	 <b>Alex Fernández</b> ESR12 B8 - Faculty of Architecture and the Built Environment (ABE), TU Delft
 <b>Mahmoud Alsaeed</b> ESR5 B3 - Sheffield School of Architecture (SSoA), University of Sheffield	 <b>Marko Horvat</b> ESR6 B4 - Institute for Social Policy-ISP, University of Zagreb	 <b>Anna Martin</b> ESR7 B5 - Institute for Sociology, Centre for Social Sciences, Hungarian Academy of Sciences Centre of Excellence	 <b>Andreas Panagidis</b> ESR8 B6 - Department of Architecture, University of Cyprus	 <b>Androniki Pappa</b> ESR13 B9 - School of Technology and Architecture, University Institute of Lisbon (ISCTE)	 <b>Carolina Martin</b> ESR14 B9 - School of Technology and Architecture, University Institute of Lisbon (ISCTE)	 <b>Leonardo Ricaurte</b> ESR15 B10 - School of Built Environment, University of Reading	 <a href="http://www.re-dwell.eu/esr">www.re-dwell.eu/esr</a>

## Collaboratively creating a knowledge base on affordable and sustainable housing

The **RE-DWELL** Vocabulary and Case Study Library are derived from research projects conducted by early-stage researchers.

- The **Vocabulary** consists of terms and concepts related to affordable and sustainable housing which are described by the researchers. Each term can have multiple definitions, each one related to one of the three main research areas: Design, Planning and Building, Community Participation and Policy and Financing. This vocabulary plays a vital role in RE-DWELL's transdisciplinary research, as it establishes a shared language for stakeholders from diverse fields engaged in affordable and sustainable housing projects.
- The **Case Study Library** showcases examples where the RE-DWELL research areas intersect. It serves as a valuable resource for researchers, practitioners, and policymakers seeking to gain insights and learn from housing projects that address the multiple issues involved in the provision of affordable housing.

The interrelationships between vocabulary terms and case studies, as well as their connections to publications, blog posts and other research projects, are documented in the RE-DWELL online knowledge base and represented in visual maps. This enables a comprehensive understanding of how the various components of collaborative research connect and relate to each other, providing a valuable tool for exploring and analysing the knowledge generated within the RE-DWELL network.

