







ESR 5

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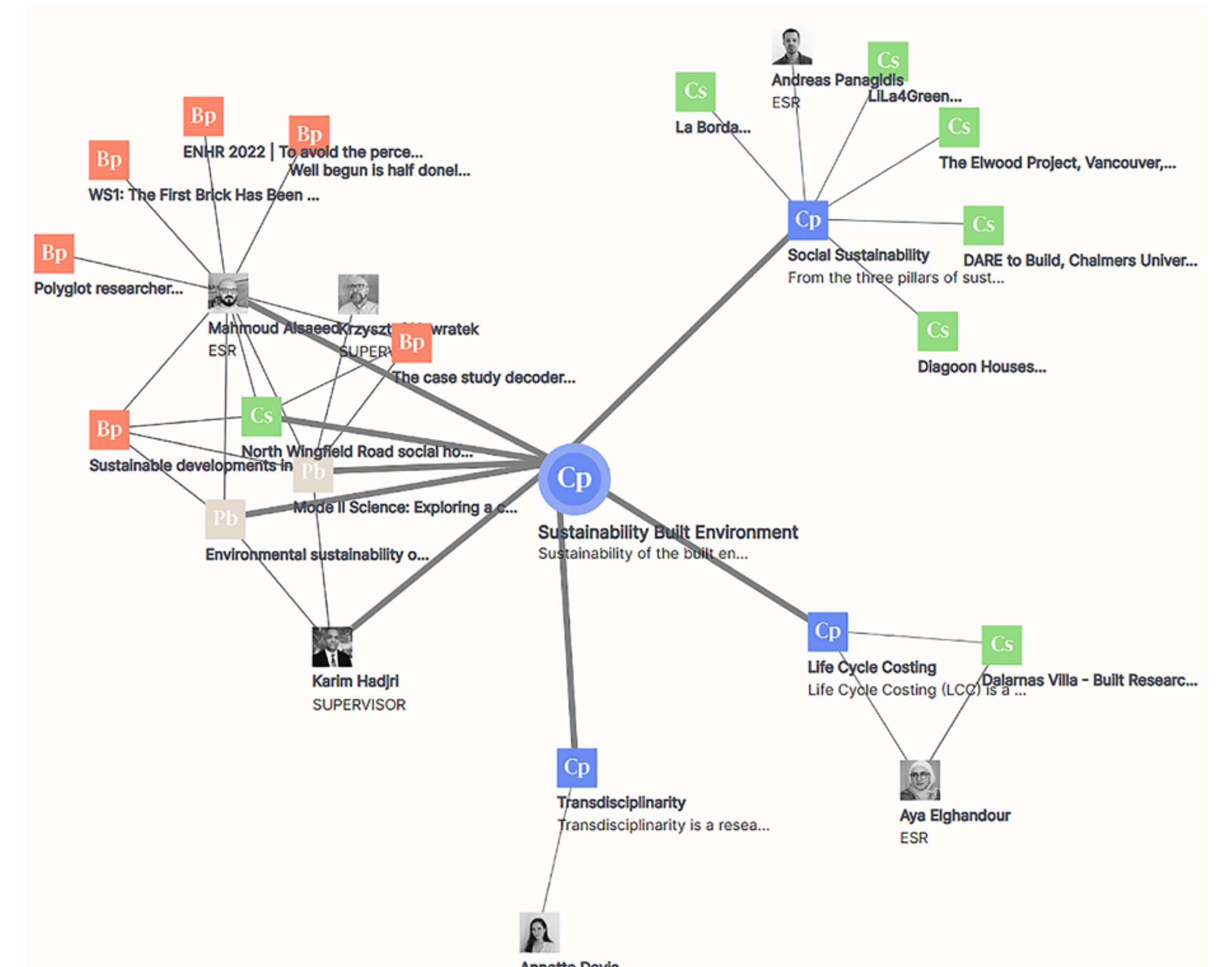
# Vocabulary

## Sustainability of the Built Environment



Research area: Design, planning and building

Sustainability of the built environment aims to reduce human consumption of natural resources and production of waste while improving the health and comfort of inhabitants and, thus, the performance of the built environment elements such as buildings, spaces and the infrastructure that supports human activities. This requires an effective theoretical and practical framework encompassing at least six domains, including land, water, energy, indoor and outdoor environments, and economic and cultural preservation. Recently, other domains have been added, such as health and comfort, resource use, and environmental performance. Sustainability of the built environment also requires comprehensive coordination between the architectural, structural, mechanical, electrical and environmental systems of buildings in the design, construction and operation phases to improve performance and avoid unnecessary consumption.



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“High quality housing space is achieved by getting to know the users. Housing cooperative developers are close to the inhabitants and can get to know their needs and wishes in order to translate them into the design process.”

Anne Kockelkorn, RE-DWELL Round-table no. 4, “How can community participation in the provision of affordable and sustainable housing be guided”, 14 July 2022



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#### Blog

Network members activities



#### The case study decoder

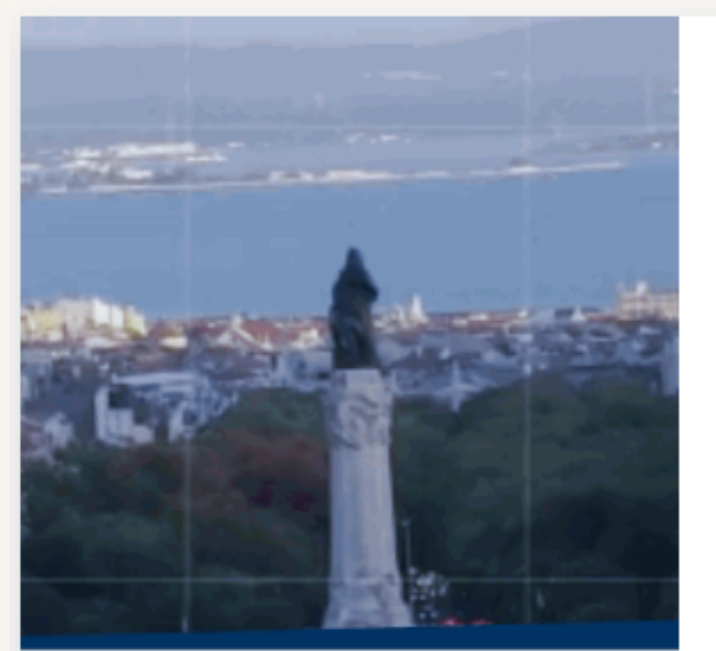
REFLECTIONS

Posted on 28-10-2021

Case study analysis. These are the three most confusing words – at least for me. Although being...

Author: M.Alsaeed (ESR5)

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#### WS1: The First Brick Has Been Cast

WORKSHOPS

Posted on 07-10-2021

Finally, it happened! The long-awaited RE-DWELL ITN Lisbon Workshop, organised by ISCTE-UL, took...

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#### Polyglot researcher

REFLECTIONS

Posted on 30-08-2021

“Clean up concepts, don't leave them in the soft language of ideology.” François Jullien, 2017 Whil...

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“The term sustainability is methodologically questionable. What do we want to sustain? Sustainability must be replaced by growth.”

Interview with a sustainability manager conducted by Mahmoud Alsaeed on 23 February 2023



“The term sustainability has become one of the most overused and all-too-frequently misused terms in the development literature.”

Choguill, C. L. 2007. The search for policies to support sustainable housing. *Habitat international*, 31, 143-149



“Creating a holistic framework for housing affordability and sustainability is a challenging issue that requires a transdisciplinary research approach to housing sustainability.”

Mahmoud Alsaeed, from Housing co-creation for tomorrow's cities conference, Grenoble