

Bond University
Research Repository



Affordable Housing in Malaysia: Embedding Sustainability

Osman, Marina

Published: 01/01/2012

Document Version:

Publisher's PDF, also known as Version of record

[Link to publication in Bond University research repository.](#)

Recommended citation(APA):

Osman, M. (2012). *Affordable Housing in Malaysia: Embedding Sustainability*. Poster session presented at Research Week 2012, Gold Coast, Australia.

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

For more information, or if you believe that this document breaches copyright, please contact the Bond University research repository coordinator.

PhD Research Topic: Affordable Housing in Malaysia: Embedding Sustainability

OVERVIEW

The Malaysian Government has organized a number of initiatives and programs to address key issues related to housing provision. These relate to affordability, adequate supply, quality and sustainable development. All these aspects need to be addressed during the housing development process. Within the government's framework, a number of key trusts and important strategies have emphasised sustainability principles to improve the basis of existing housing provision not only to reduce the impacts of environment degradation but to achieve more balanced and affordable developments.

This research was motivated by the need to bridge the gap between current development practices and sustainability principles in affordable housing, which is embryonic in Malaysia, and thus enhance the practical delivery of sustainable affordable housing. Further, in order to ensure recent sustainable housing policy is implemented, the participation of involved professionals during the housing development process is crucial. The complexity of embedded issues entails different interlinked perspectives during the process and requires the fostering of appropriate transdisciplinary approaches.

In an endeavour to understand the effectiveness of the Malaysian sustainability initiatives and to investigate underlying issues in affordable housing development, content analysis has been used as a primary research method applied to documented acts and guidelines to review the current state of adopted housing policy. Meanwhile, semi-structured interviews have been conducted at three levels of government, namely local authority, state and federal, to identify practical issues and their connectedness.

RESEARCH OBJECTIVES

This research, through a combination of literature review, content analysis and semi-structured interviews, aims to:

1. investigate emergent issues in the practices of affordable housing development and motivation toward sustainability principles.
2. identify sustainable affordable housing characteristics.
3. investigate the implementation of sustainable housing in the process of affordable housing development in Malaysia.
4. develop a framework that demonstrates successful outcomes of sustainable affordable housing development in Malaysia.

RESULTS

The expected results from data analysis activities will enable improvement of the sustainable affordable housing framework and demonstrate successful outcomes in the delivery of sustainable affordable housing development especially in Malaysia.

BIBLIOGRAPHY

- Biggs, M. and Buchler, D. (2011), 'Trans-disciplinarity and new paradigm research', in Doucet, I. and Janssens, N (eds), *Trans-disciplinary knowledge production in architecture and urbanism: towards hybrid modes of inquiry*, Springer.
- Salama, AM. and Alshuwaikhat, HM. (2006), 'A trans-disciplinary approach for a comprehensive understanding of sustainable affordable housing', *Global Built Environment Review*, 5, 35-50.
- Turcotte, DA. and Geiser, K. (2010), 'A framework to guide sustainable housing development', *Housing and Society*, 37, 87-117.
- Winston, N. (2010), 'Regeneration for sustainable communities: barriers to implementing sustainable housing in urban areas', *Sustainable Development*, 18, 319-330.
- Winston, N. and Eastway, MP. (2008), 'Sustainable housing in the urban context: international sustainable development indicators sets and housing', *Social Indicator Research*, 87, 211-221.

