



AALBORG UNIVERSITY
DENMARK

Aalborg Universitet

Strategy for Climate Change Adaptation

Rasmussen, Torben Valdbjørn

Published in:
Creating a Resilient and Regenerative Build Environment

Publication date:
2013

Document Version
Publisher's PDF, also known as Version of record

[Link to publication from Aalborg University](#)

Citation for published version (APA):
Rasmussen, T. V. (2013). Strategy for Climate Change Adaptation. In F. A. Emuze (Ed.), *Creating a Resilient and Regenerative Build Environment: SB13, Southern Africa* (pp. 23)

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.

- ? Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- ? You may not further distribute the material or use it for any profit-making activity or commercial gain
- ? You may freely distribute the URL identifying the publication in the public portal ?

Take down policy

If you believe that this document breaches copyright please contact us at vbn@aub.aau.dk providing details, and we will remove access to the work immediately and investigate your claim.

STRATEGY FOR CLIMATE CHANGE ADAPTATION

TV Rasmussen¹

Danish Building Research Institute, Aalborg University, Denmark

Abstract:

It has been a world priority for more than a decade to reduce greenhouse gas emissions within the frame of the Kyoto Protocol. However, since the Kyoto Protocol it has proved difficult to reach an international consensus at the Conference of the Parties on the continuation of a global agreement. This absence of an agreement calls for adaptation to climate change. Emphasis should be put on buildings, as they play a vital economic and social role in society and are vulnerable to climate change. Therefore, the building stock deserves its own policy and implementation plans as well as tools that enable adequate and cost-efficient adaptation to climate change. This paper explains the need for climate change adaptation of the building stock and suggests a pattern for a strategic approach to how to reach the climate change adaptation needed.

The suggested and presented need of a strategic approach is based on three main initiatives consisting of the need to examine the potential impacts of climate change on the building stock, the need to assess and develop a roadmap of current and future adaptation measures that can withstand the effects of climate change, and the need to engage relevant stakeholders in the private and public sectors. Furthermore, the paper describes some issues that must be addressed in case a strategic approach is not developed, as the building sector is continuously investing in measures to adapt to climate change as impacts emerge.

Keywords: Adaptation, Buildings, Climate Change, Planning, Strategy