MAPPING INNOVATION: FACILITATING INNOVATION IN THE DANISH CONSTRUCTION INDUSTRY

By adopting a theoretical framework from strategic niche management research (SNM) this paper presents an analysis of the innovation system of the Danish Construction industry. The analysis shows a multifaceted landscape of innovation around an existing regime, built around existing ways of working and developed over generations. The regime is challenged from various niches and the socio-technical landscape through trends as globalization. Three niches (Lean Construction, BIM and System Deliveries) are subject to a detailed analysis showing partly incompatible rationales and various degrees of innovation potential. The paper further discusses how existing policymaking operates in a number of tensions one being between government and governance. Based on the concepts from SNM the paper introduces an innovation map in order to support the development of meta-governance policymaking. By mapping some of the most influential trends and promising niche innovations and relate these to the existing regime, the innovation map can act as a medium in which policymakers, interest organization and companies can develop and coordinate future innovation activities.

General information
Publication status: Published
Organisations: Planning and Management of the Built Environment, Department of Management Engineering, Aarhus University
Contributors: Thuesen, C. L., Koch, C.
Number of pages: 132
Pages: 111-112
Publication date: 2011

Host publication information
Title of host publication: Proceedings of the 6th Nordic Conference on Construction Economics and Organisation
Place of publication: Hørsholm
Publisher: Danish Building Research Institute, Aalborg University
ISBN (Print): 978-87-563-1514-2
Keywords: SNM, sector development, Innovation, niches, policymaking
Electronic versions:
Thuesen-koch-2011-mapping-innovation-EC.pdf
Source: orbit
Source-ID: 280651
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2011 › Research › peer-review