DESCRIPTION

An organisation's competitive advantage lies in the knowledge of its employees and the organisation's ability to harness that knowledge to meet business objectives. Knowledge management is recognised in the construction industry as a potential tool for providing organisational benefits, but for a number of reasons – particularly the project based nature of construction, where teams are transient, multidisciplinary and often from different organisations – implementation has been only marginally successful.

Capture and Reuse of Project Knowledge in Construction describes a methodology for the 'live' capture of reusable project knowledge that reflects both the organisational and human dimensions of knowledge capture and reuse, as well as exploiting the benefits of technology. This methodology was developed in response to the shortcomings of current practices in managing project knowledge, the benefits offered by capturing and sharing knowledge immediately after it is generated, and the organisational benefit of reusing knowledge within a project based environment.

ABOUT THE AUTHOR

Hai Chen Tan is Assistant Professor in the Department of Built Environment, Universiti Tunku Abdul Rahman, Malaysia.

Chimay J. Anumba is Professor of Architectural Engineering and Head of the Department of Architectural Engineering at the Pennsylvania State University, USA.
Patricia M. Carrillo is Professor of Strategic Management in Construction in the Dept. of Civil & Building Engineering, Loughborough University, UK

Dino Bouchlaghem is Professor of Architectural Engineering in the Dept. of Civil & Building Engineering, Loughborough University, UK

John Kamara is Senior Lecturer and Director of Postgraduate Research in the School of Architecture, Planning and Landscape, University of Newcastle, UK

Chika Udeaja is Senior Lecturer in the School of the Built Environment, Northumbria University, UK

To purchase this product, please visit https://www.wiley.com/en-us/9781405198899