Summary
It is commonly acknowledged that the Construction Industry is adopting advanced Information and Communications Technologies (ICT), at a far slower rate than other comparable industries to improve competitiveness, performance and delivery. The lack of support for integration between processes and actors is frequently pointed out to be one of the major obstacles in successful industry uptake of innovative ICT and software tools. Architecture, Engineering and Construction (AEC) organizations face increasing complexity in the design and construction of facilities, management of data and decision making that necessitates the use of innovative ICT to minimise the uncertainty that exist in human to human communications and information sharing and exchange by integration and automation of processes.

ICT solutions will provide the technologies and tools for future improvement in competitiveness, productivity, quality and cost reduction in the Construction Industry as well as to facilitate future innovation and technological progress. In that respect will successful implementation of software tools and applications in practise become crucial for AEC organizations to gain and maintain a competitive edge in the global construction market.

The realization of effective and successful development and deployment of Construction Information Technology (CIT) must originate in close co-operation between research, development and industry. Technology transfer, information sharing, exchange of ideas, experiences and know-how are the objectives that the CIB W78, IABSE and EG-SEA-AI CIT2000 International Conference attempted to provide.

The conference was attended by 115 participants from over 25 countries, from 5 continents. 93 Presentations were given in 19 sessions including 3 keynote presentations that covered a wide area within the domain of Construction Information Technology. The opening talk and welcome was given by The Icelandic Minister of Industry and Commerce Ms. Valgerdur Sverrisdottir.
Table of Contents

Volume 1:
Acknowledgements
Conference organisation
Keynote papers: 3 papers (28pp)
Conference papers: 51 papers (> 500 pp)
Appendices: 3

Volume 2:
Acknowledgements
Conference organisation
Conference papers: 50 papers (approx 550 pp)
Appendices: 3

Application
The Conference aimed to report on, demonstrate and discuss both theoretical and practical approaches to Construction Information Technology. Including the most recent developments, emerging trends and future directions and developments toward an integrated construction environment, Computer Integrated Construction, at the turn of the new millennium.

Target Group
The Publication is of special interest to experts, researchers, developers, civil engineers and other professionals actively involved in CIT.

Format
Two Volumes, A5, illustrated, 1100 pages.

Prices
CIB members US$ 80
Non members US$ 95

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