



CIB NEWS ARTICLE

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in Building and Construction

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March 2006

Around the Task Groups and Working Commissions

TG61 – Benchmarking Construction Performance Data

Meeting Report, 20 February 2006, Arizona, United States

by

Kenneth Sullivan, TG61 Secretary



CIB Task Group TG61 – Benchmarking Construction Performance Data had its first meeting in February 2006 at Arizona State University in Tempe, Arizona (USA). The meeting had a unique mix of researchers, construction clients, and contractors all interested in the identification, use, and classification of performance information in the delivery and maintenance of facilities.

With a starting membership of 27 industry leaders, representing ten countries from across the globe, the TG is poised to succeed in its research initiative: To create a resource to allow participants in the delivery and maintenance of facilities to better add value in their industry through the use of performance information. In addition, the TG will be creating a new journal to serve as a source for academics and industry practitioners to publish and reference findings in the area of performance information and its value.

After the TG meeting, several of the members attended a Performance Based Studies Research Group (PBSRG) sponsored three-day conference on Best Value practices for both the organizational and project level. Using measurement and performance information to achieve efficiency and best value was a key theme for the 119 attendees and is also one that coincides well with the current TG objectives.

Task Group 61 is a progressive and proactive assemblage of academics and professionals seeking to partner in the research of performance information to bring positive change through measurement, efficiency, and value. For more information about CIB TG61 visit www.pbsrg.com or email Prof. Kenn Sullivan at Kenneth.Sullivan@asu.edu

Below follows a description of the CIB Task Group Charter that Task Group Members are asked to email to Kenneth.Sullivan@asu.edu.



CIB Task Group Charter

Name of Task Group:

Benchmarking Construction Performance Data

Vision:

To identify and capture the existence, use, and classification of performance information in the delivery and maintenance of facilities. From this, create a resource to allow participants in the delivery and maintenance of facilities to better add value in their endeavours.

Objectives:

1. Identify what performance information and indicators are, which ones can be measured, and how they can be measured.
2. Identify the impact of performance information on design, construction, and facility management performance
3. Identify the impact of performance information in the determination of value
4. Identify what performance information has been used to deliver and operate facilities
5. Identify the different usages of performance information
6. Identify the sustainability of the performance information to increase the value of construction over time

Strategic Tasks:

1. Identify a group of world experts and seek to achieve a form of consensus on performance indicators, definitions, experiences, and strategic implications.
2. Identify the researchers and practitioners who have used (and currently use) performance information
3. Identify uses of performance information and databases
4. Identify the impact of performance information through surveys to construction clients
5. Identify tests or implementations of performance information and their outcomes
6. Identify areas of current and future research to promote the use of performance information databases to increase the performance of construction
7. Publish a document of the results of the study and create an internet page to the findings

Description of Deliverables:

1. A worldwide publication and internet posting of performance information measurements, indicators, processes, and data on design, construction, and facility management.

2. Listing of CIB working and task groups, construction industry participants, researchers, and journal and conference papers on the use of performance information and performance databases
3. Results and analysis of a survey of clients of the use, impact, sustainability and results of performance information and databases
4. Listing of potential research areas pertaining to performance information, performance data, and the management of performance information
5. Conference/meeting proceedings for peer reviewed works in the area of performance information implementation and value
6. Recommendations for the continued collection and warehousing of the publication information
7. Final Comprehensive Report and Summary Report on the previous items
8. Creation of a new journal that will publish papers on the collection, warehousing, implementation and impact of performance information in the delivery of construction and other services. The Journal will be fully funded by Arizona State University, internet based as well as hard copy, and have an initial distribution of 300 copies worldwide to construction clients and academic researchers. The Editorial board and peer reviewers will be required to have generated, used, implemented, or performed tests using performance information, and will include both academic researchers and construction users.

Leadership of Task Group:

1. Coordinator: Dean Kashiwagi, PhD, PE, Professor, Director of PBSRG
2. Co-coordinator: Charles Egbu, Glasgow Caledonian University, UK, PhD, PE, Professor
3. Secretary of Research: Kenneth Sullivan, PhD, Assistant Professor, Director of the Facility Management Research Institute (FMRI)



At the left: Prof. Dean T. Kashiwagi

Second from right top row: Prof. Kenneth Sullivan

Second from right row below: Prof. Charles Egbu