



INTERNATIONAL COUNCIL FOR RESEARCH AND INNOVATION IN BUILDING AND CONSTRUCTION

INFORMATION

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From the CIB Management

Board Report

Main Topics in the Board and Committees in 2001

by

CIB General Secretariat

In this article the main topics discussed in the General Assembly, Board and Committees in 2001 are summarized.

The following meetings of the General Assembly, Board and Committees were held in the year 2001:

- General Assembly 2001, Wellington, New Zealand, 4 April 2001
- 77th Board Meeting, Wellington, New Zealand, 1 April 2001
- 78th Board Meeting, Wellington, New Zealand, 4 April 2001
- 79th Board Meeting, Rotterdam, Netherlands 27 September 2001
- 6th Officers' Committee, Rotterdam, Netherlands 23 September 2001
- 64th Programme Committee, Ottawa, Canada, 5 June 2001
- 65th Programme Committee, Rotterdam, Netherlands 24 September 2001
- 43rd Administrative Committee, Wellington, New Zealand, 1 April 2001
- 44th Administrative Committee, Rotterdam, Netherlands, 26 September 2001
- 6th Publications Committee Meeting, Rotterdam, Netherlands, 25 September 2001
- 2nd CIBdf Board of Management Meeting, Rotterdam, Netherlands, 24 September 2001

Main Topics of Interest

The following topics have received substantial attention both in the Board and in its Committees:

- Key Performance Indicators
- Monitoring of CIB Activities
- Membership Composition
- Fee System
- Pro-Active Approach
- External Relationships and funding
- CIB Publications
- Personnel Matters

Key Performance Indicators

The Board and its Committees devoted substantial time to the establishment of a method to measure CIB Performance. This instrument is seen as a tool to measure progress in achieving CIB's objectives. Progress in this area is already well advanced and a series of Key Performance Indicators have been elaborated. The indicators relate to five main areas: Impact, Member Participation, Output, Creation of Distinctly New Activities and Member Satisfaction.

The following Indicators are currently used:

1. Membership Development – Total
2. Membership Development – Membership Categories
3. Membership Development – Regions
4. Membership Development – Type of Organisations
5. Income from Membership Fees invoiced

6. Fee payment behaviour – Payments Received
7. Meetings – Type of Meeting
8. Meetings – Regions
9. Task Groups and Working Commissions
10. Task Group and Working Commissions – Participating Members
11. Publications – Publishers
12. Publications – Format
13. Publications - Type
14. Commissions Projects contributing to Priority Themes
15. Income / expenditure
16. World-wide Web Access Statistics
17. FM/AM/IM Overall Membership Satisfaction

For all these indicators performance indicators on 2001 as compared to preceding years are given in a separate article in this Issue of the Information Bulletin.

Monitoring of CIB Activities

The half-year review of Task Groups and Working Commissions was undertaken in each meeting of the Programme Committee and this important exercise was considerably facilitated by the application of the updated version of the PC Monitoring Spreadsheet. Thanks to the cooperation of Coordinators this has evolved into an effective indicator.

Overall, the review yielded a positive situation with by far the majority of Task Groups and Working Commissions clearly being engaged in productive activities.

Two Task Groups and two Working Commission were terminated since they had completed their useful life and in certain cases new Groups were established to succeed them, each of course with a fresh programme.

The following new Task Groups and Working Commissions have been established:

Task Groups

- TG48 Social and Economic Aspects of Sustainable Construction; Dr. D. Shipworth is Coordinator
 TG49 Architectural Engineering; Dr. D. Bouchlaghem is Coordinator
 TG50 Tall Buildings; Assoc. Prof. Dr. F. Shafii is Coordinator

Working Commission

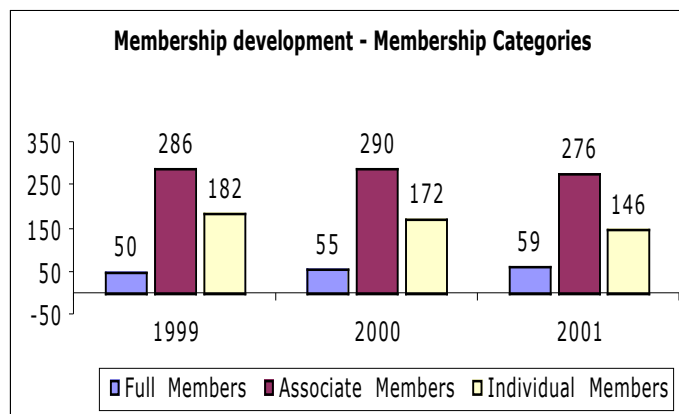
W107 Construction in Developing Countries as the successor of the former TG29; Dr. G. Ofori is Coordinator of W107

The CIB Programme Committee has ratified the appointments of the following new Coordinators to existing Working Commissions and Task Groups:

- Dr. Bob Giddings as Joint Coordinator of TG38
- Prof. Dr. Luis Manuel Alves Dias as Joint Coordinator of W099

Membership composition

Another issue on the Agenda was the way that the composition of the membership had developed in 2001 and the implications for the immediate future. Items discussed such aspects as geographical origin and what types of organisations are to be found among the Full and Associate Members. Full details are included in the separate article on Membership Development 2001



The above table indicates for the first time in some years a very substantial loss of members especially in the category of Individual Members and an ongoing substantial growth in the category of Full Members.

Fee System

The General Assembly in Wellington, New Zealand in 2001 approved the following principles concerning the CIB Fee System.

- Reduction to all fee levels in the magnitude of 50% for Members in countries with a GNPPc less than USA \$ 1000 and a reduction to all fee levels in the magnitude of 25% for Members in countries with a GNPPc between USA \$ 1000 and 7000.
- An increase of all fee levels with 10% in combination with a reduction to the invoices fee in the magnitude of 10% for all members who actually pay their invoiced fees within a three-month period.
- A structural extra increase up to an annual increase by 10% to the fee levels for Universities amongst the CIB Associate members, until their fee level is equal to the fee level for the other CIB Associate Members - which may take up to 12 years - and a subsequent termination of the special fee level for Universities among the CIB Associate Members.



In addition, the General Assembly defined the following fee levels for the period 2002-2004.

Fee Category			2002	2003	2004
1	FM1	Fee level	9.266	9.359	9.452
2	FM2	Fee level	6.175	6.240	6.302
3	FM3	Fee level	2.063	2.114	2.167
4	AM1	Fee level	1.037	1.063	1.089
5	AM2	Fee level	528	581	639
6	IM	Fee level	205	210	216

All amounts in EURO

Pro-Active Approach (PAA)

General

The Pro-Active Approach has been an important item on the agenda's of each of the Board and Committee Meetings. The Programme Committee agreed on actions to be recommended to the Board to enhance its further implementation. Primarily it was judged to be necessary that all future Pro-Active activities should be accompanied by a systematic approach to project management.

Sustainable Construction

Although at that time the terminology "Pro-Active Approach" did not yet exist, already by the middle of 1995 a special status had been given to the Theme "Sustainable Construction" within the CIB Programme. It was decided to make it the overall theme for the 14th Triennial CIB World Building Congress in 1998 and a number of the then existing CIB Task Groups and Working Commissions were asked to initiate activities related to this theme.

Sustainable Construction in Developing Countries

In July 2001 CIB and UNEP-IETC (The United Nations Environment Programme - International Environmental Technology Centre) signed a MOU - Memorandum of Understanding for collaboration on the implementation of Sustainable Construction in Developing Countries. A full copy can be downloaded from CIB's Home Page.

Performance Based Building

In 2001, CIB commissioned contracts for two preparatory studies for the development of PBB – Performance Based Building Compendia. One concerned the development of a Compendium on Economic Benefits from Performance Based Building. A final result of this preparatory study can be downloaded at:

<http://www.cibworld.nl/pages/begin/EcBen.pdf> or you may go to the link "Performance Based Building" on the CIB Web Site where this information as well as more can be viewed and downloaded.

The second concerned a preparatory study of the development of a Compendium on Performance Based

Building/Requirements. The output of this study can be downloaded at

<http://www.cibworld.nl:600/pages/begin/comp3.html>.

During the period 1998 – 2000, CIB – the International Council for Research and Innovation in Building and Construction - initiated and commissioned various international programmes and R&D projects related to Performance Based Building. Based on the achievements from those projects CIB proposed in 2000 the establishment of the Thematic Network PeBBu – Performance Based Building. This Network is to elaborate on the activities carried out by CIB, its commissions and its members since it adopted Performance Based Building as a Priority Theme in the CIB Pro-Active Approach in 1998. The European Commission decided to fund the PeBBu Network through a subsidy within the Growth Programme that is part of the 5th Framework Research Programme, with a start date of October 1, 2001 and run for 4-years until September 30, 2005, with a budget in the magnitude of Euro 2.100.000,-.

The objectives of the PeBBu Network are:

- Stimulation and pro-active facilitation of international dissemination and implementation of Performance Based Building in building and construction practice, and in that context to maximization of the contribution to this by the international R&D community, through:
- Stimulation and facilitation of the international programming and coordination of research and implementation projects as concerns Performance Based Building as effectively as possible in order to make optimal use of limited available resources and to prevent unnecessary recurrences.
- Stimulation of actual investments in such research and implementation projects.
- Providing the EU Network Members with an optimal access to knowledge and experience as available in non-EU countries in which respective developments have progressed further than in the EU.
- Coordinated dissemination and implementation of results of international research in the area of Performance Based Building.

PeBBu – NAS Proposal

Within the context of its 5th Framework Programme the European Commission recently created a programme / budget that in principle allows for the extension of somewhat longer existing Thematic Networks with Member organizations from NAS Countries (Newly EU Associate States). After negotiations the EU decided that in principle PeBBu could be eligible for such extension, although it was in place only since very recently.

After a recruitment drive amongst CIB Member organizations and amongst other potentially interested



en relevant non-CIB Member organizations in the defined NAS Countries, in December 2001 CIBdf submitted a proposal and request for funding to the EU for the extension of the PeBBu Network with 14 such organizations in the following countries: Bulgaria, Czech Republic, Hungary, Lithuania, Poland, Slovenia and Slovakia.

In March 2002 the EC informed CIBdf that it in principle is willing to accept the respective proposal. Contract negotiations are expected to be finalised in May 2002.

The proposed extension will facilitate i) a substantially stronger exchange and collaboration between knowledge organizations in the building and construction sector in the respective European regions, but in the longer term - and if PeBBu is successful in achieving its objective of actually stimulating the implementations and application of Performance Based Building - also ii) a more smooth exchange of construction products and services between those regions.

Business and Process Reengineering

Preparation of the third PAA Priority Theme is now under way with the aim that this will lead to similar new developments for CIB.

What is Re-engineering Construction? CIB has defined it as:

The deliberate and managed process to optimise the contribution of the construction industry in meeting construction demand, in promoting social and economic objectives, industry performance and competitiveness, and improved value to clients. This endeavour addresses the role and contribution of all who add value to the delivery process, from inception to hand-over and maintenance. These include public and private sector clients, built environment professionals, constructors, materials manufacturers and suppliers, training institutions, regulatory bodies and research institutions. Re-engineering Construction is likely to lead to radical changes in their operations.

Detailed information on CIB's current activities as relating to this theme can be accessed at:

<http://www.cibworld.nl/pages/begin/Pro4.html>

Re-engineering Construction is driving many changes in the way that construction works and we need to ensure, through the strategy, that CIB and its members can contribute to these. (For a fuller discussion of Re-engineering Construction, see the Website below.)

The Centre for Civil and Construction Engineering of the University of Manchester, UMIST, United Kingdom, has been commissioned to take the lead in the development of the strategy. Professors Graham Winch and Roger Courtney are now well into the work programme. UMIST and BRE have provided additional

funding for the study and CIB is very grateful for their support.

Key aims of the UMIST approach are (1) to involve as many of the CIB community as possible in the development of the strategy and (2) also to engage many groups and individuals who may not previously have been in touch with CIB. Re-engineering Construction is a subject in which industry and governments are active, and with the creation of CIB Development Foundation, CIB is in principle able to develop activities for them, as well as for its traditional research membership.

The aim is that the strategy will be presented to the CIB Board in May 2002 and then launched at a major international conference in The UK which will bring together all the key players in Re-engineering Construction initiatives from around the world. The planned dates are 3rd and 4th February 2003 – put them in your diary. A special issue of the CIB-encouraged journal Building Research and Information will be published to coincide with the conference.

External Relations and Funding

It is the policy of the Board and Programme Committee to take a careful look at any opportunity, which arises for CIB Members to collaborate with other bodies where mutual benefit would result. Updated information on contacts with ISO, IEA, UNEP and the EU (among others) was exchanged. Special attention is being paid to newly established organisations of potential interest to CIB.

Co-sponsored Events

In 2001 as much as 8 CIB Co-sponsored Events took place. Compared to preceding year, this is a slightly lower number.

Encouraged Journals

In 2001, there were three new journals granted CIB Encouraged Journal status. They were:

Ingenieria de Construcción
Construction Innovation
Open House International (OHI)

External funding of CIB-related activities

In 2001, the number of externally financed research activities has increased. Several Commissions have obtained European and other types of funding for parts of their activities. Even more Commissions are currently investigating financing opportunities.

CIB Publications

In 2001, in total 30 CIB and CIB-related publications have been published. 14 CIB-publications were printed on behalf of or by the General Secretariat and another 15 publications have been prepared by CIB-related institutions.



Dissemination of Publications

In its discussion the Publications Committee noted the need to adopt a more pro-active approach to the dissemination of publications. Although there have been a few notable exceptions, sales of CIB Publications have been low. The Committee recognized that the ongoing campaign to make CIB publications more attractive to industry will be to no avail if industry remains unaware of the existence of the publications. One relatively small but potentially fruitful area for action would be to seize every opportunity to draw attention to CIB Publications. Examples of such opportunities may well be the further cooperation with a commercial publisher and implementing a more active approach of international journals. One noteworthy change in 2001 is the growing number of electronic CIB publications that can be downloaded free of charge from the CIB Homepage as opposed to the traditional printed publications that require payment.

Personnel Matters

The following personnel matters in the CIB General Secretariat is worth special mentioning:

- The appointment of Dr. Bradford Sims as CIB Assistant Secretary General as from 1st August 2001.

Other Issues

CIB Endorsed Student Chapters

A recent development is the establishment of CIB Student Chapters. The concept of CIB (Endorsed) Student Chapters has already been known to the CIB Membership for a couple of years, with four existing Student Chapters as per 1-1-2002.

It was clear that the concept of CIB Student Chapters is evincing interest and other applications could be expected in the short term.

Research Manager's Meeting and Young Research Managers' Workshop

The Programme Committee agreed that the CIB Young Researchers' Workshops could not continue to attract enough participation due to competition for similar events and, therefore, was decided to no longer continue. While the CIB Research Managers' Meeting was still considered a valuable event and will be scheduled at the 2004 Triennial CIB Congress in Toronto, Canada.

CIB Developing Countries Fund

The relatively low number of applications for grants from the CIB Developing Countries Fund in recent years which could be anticipated to make a real difference for the Developing Countries, as opposed to assisting individuals, has been a source of disappointment for the Board and its Committees. However, the Board did approve allocations to two projects in the area of Sustainable Construction that

are of special importance to - construction in -developing countries.

7th Gy. Sebestyén Young Researcher's Fellowship

It is the prerogative of the Officers Committee to take the final decision on the Gy. Sebestyén CIB Young Researcher's Fellowship and arrangements for the 7th Fellowship in the year 2001 were put in place. The Themes for the 7th Fellowship were the two Priority Themes already selected for the Pro-Active Approach. These were: Sustainable Construction and Performance Based Building.

The 7th Gy. Sebestyén Young Researcher's Fellowship for the Year 2001 was awarded to Mr. Dennis Macozoma, CSIR, Boutek, South Africa for his project entitled Realizing the full potential of the secondary construction material market: An eye opener for South Africa.

For reasons that are not entirely clear the number of applications for the Fellowship has tailed off somewhat over recent years. Therefore, The Fellowship in 2001 has become the Gy. Sebestyén Award to be linked to CIB Endorsed Student Chapters and administered by the Programme Committee.