



*fédération internationale du béton*  
*International Federation for*  
*Structural Concrete*

## *fib* Annual Report 2012

Sent to all Heads of Delegation on 28 March 2013

## **Introduction**

Since its first publication in 2009 for the year 2008, the **Annual Report** is considered to provide helpful information to the Delegates of National Member Groups (NMGs) who want to inform their members about recent developments in the association. This **Annual Report 2012** is again intended to be used for this purpose. It is also available to all *fib* members via the members-only area of the *fib* website. This report is intended to be informative but concise. Please feel free to give feedback to the secretariat if you think that any important topics are have not been addressed.

## **1 – Meetings of *fib*'s decision taking bodies**

### **1.1 *fib* General Assembly 2012**

According to the statutes (§ 7, § 8), the General Assembly (GA) is the governing body of the association, meeting at every second year.

In 2012, the General Assembly was held in Stockholm on 10 June.

#### ***fib* GA 10 June 2012 Stockholm**

In the GA in Stockholm, 36 of the 41 Statutory Members (National Member Groups, or NMGs) in *fib* were represented by 76 votes (out of 81). The notes were sent to all Heads of Delegations on 22 August 2012. The main decisions were the following:

- For further distribution of the *fib* Model Code for Concrete Structures 2010, a majority voted for the option 2 “Preference Offer for free PDFs of *fib* Bulletins 65 and 66 (final draft of MC2010) for NMGs in the same way bulletins 3 years and older are distributed and extend it to other paying members”.
- According to the statutes, elections were held with the following results:
  - for 2013-2014 were elected :
    - Gordon Clark as President and Harald S. Müller as Deputy-President
- The audited Balance 2011 was approved (net surplus was 211 kCHF).
- The Budget 2012/2013 was approved.

Budgeted for 2013 were total expenses of 781 kCHF, of which 54 % for salaries (incl. social charges, insurance fees etc.), 26 % publication costs, 1% for special tasks (support to younger engineers, development of New Model Code etc.), and about 19 % for office costs (rent, supplies, telecommunications, computers, banking costs, provision for unreliable member dues, etc.). To balance the expenditure, the budgeted total income is also 781 CHF, of which 88 % are expected from membership fees (47 % from National Groups, 41 % from corporate or individual members), 5 % from sales of publications, 4 % from various sources (royalties, interest from investments, support from CEB Trust Fund, etc) and 2 % from dissolution of provisions.

This Budget 2013 was approved by the GA Stockholm in June 2012 and may have to be slightly revised in the light of recent developments. Together with a first estimated budget for 2014, it will again be submitted to the General Assembly in Tel-Aviv in April 2013.

### **1.2 *fib* Presidium 2012**

According to the statutes (§ 14) the Presidium acts as the executive committee of the association, implementing the decisions from General Assembly and Technical Council and guiding the Secretary General on particular non-routine issues. Presidium meetings were held in Lausanne on 17-18 February 2012 and in Stellenbosch, South Africa, on 30 -31 August 2012.

Main topics were the preparation of

General Assembly and Technical Council meetings (see items 1.1 and 1.3) and the financial decisions as budget and approval of accounting, decisions on publications (see item 3), awards (see item 4). Moreover, the following may be mentioned as the most important future events:

- The *fib* Symposium 2015 will be held in Copenhagen, Denmark.
- The *fib* Congress 2018 will be held in Melbourne, Australia.

- The *fib* PhD Symposium 2016 will be held in Tokyo, Japan.
- The *fib* PhD Symposium 2018 will be held in Prague, Czech Republic.
- Coordination and cooperation with other associations is improved, e.g. RILEM, ACI

### 1.3 *fib* Technical Council 2012

According to the statutes (§ 15) the Technical Council (TC) meets at least once a year to guide the technical activities of the Commissions, Task Groups and Special Activity Groups of the association. In 2012 there was a Technical Council meeting on 9 June 2011 in Stockholm in conjunction with the *fib* symposium there (see 2.1). It was well attended by 36 TC members and 11 guests. The important decisions and information were the following:

- Commission 1 “Structures”: start T1.7 “Tunnels”. The link to the International Tunelling Association ITA is established.
- Commission 6 “Prefabrication”: start: T6.15 (Fernandez-Ordenez) “Sustainability of precast structures”.
- Commission 9 “Reinforcing and prestressing materials and systems”: T9.12 (Kido) “Ground Anchors”: Weiher was confirmed as co-chair, T9.14 (Mutsuyoshi / Poser) name changed to “Cables for cable-supported structures”, T9.17 (Ganz) “Effect of zinc on prestressing steel”: officially started and disbanded, T9.18 (Bowsher) emerging from existing group T9.7 “Guidelines for detailing” started, T9.19 (Forsström) “Dismantlement and re-use of reinforced and prestressed concrete structures” started
- Disbanded were the following: SAG9 “Revision of partial safety factors” (Menegotto).

Various further aspects of commission and task group work were discussed and appropriate modifications in working programmes, new task groups, etc., suggested. The updated working programmes of the commissions and task groups, and their composition, can be found at <http://www.fib-international.org/about/organisation/commtg/>.

## 2 – Major events and other meetings

### 2.1 Symposium

#### *fib* Symposium, 11-13 June 2012, Stockholm (Sweden)

This was the 13th symposium held since *fib*'s creation in 1998. In keeping with the theme of sustainability, it was relatively modest in scale and was a success with 289 participants. 27 technical sessions were held in parallel throughout the three-day event.

As usual, the General Assembly (see 1.1 above) and a meeting of the Technical Council (see 1.3 above) were held at this occasion, and commissions and task groups took the opportunity to hold meetings. A report is given in the September 2012 issue of *fib*-news, see [www.fib-international.org/journal](http://www.fib-international.org/journal) .

### 2.2 9<sup>th</sup> *fib* International PhD Symposium

Held every two years since 1996, the tradition of the *fib* International Ph.D. Symposium continued this year from 22 to 25 July at the Karlsruhe Institute of Technology (KIT), Karlsruhe, Germany.

This very successful event brought together 150 participants from 21 countries, with 52 universities represented. A report is given in the September 2012 issue of *fib*-news, see [www.fib-international.org/journal](http://www.fib-international.org/journal) .

### 2.3 Short Courses and National *fib*-days

2-4 February 2012: “*fib*-days 2011” in Ahmedabad, India, were organized by the Indian *fib* Group and the Institution of Engineers (IE(I)). Keynotes were given by *fib* President György L. Balázs and Deputy President Gordon Clark as well as by Mikael Braestrup (Head of Danish National Delegation).

5-7 March 2012: a short course on “Concrete structures in fire” was given in Cape Town, Johannesburg and Durban, South Africa, by Frank Dehn, chair of Commission 8 “Concrete”, and Hans Beushausen, co-convenor of Task Group 8.10, “Performance-based specifications for concrete”.

27 March 2012: the Association Française de Génie Civil (AFGC) welcomed Joost Walraven who gave a presentation on the *fib* Model Code 2010 to its General Assembly.

9 May 2012: the *fib* National Swiss Group held a forum on pedestrian bridges in Lausanne.

5 June 2012: a short course on “*fib* Model Code 2010 new concepts and perspectives” was given in Milan, Italy, with presentations from a number of the MC2010 authors.

28 June 2012 a short course on “Recent advances in codes and design guidelines towards sustainable development” was given in Naples, Italy, with lectures by Edoardo Cosenza, President of the Italian *fib* Group; President György L. Balázs; Koji Sakai, chair of the SAG 8 “*fib* Sustainability initiative”.

1st September 2012: symposium celebrating the 65<sup>th</sup> birthday of Joost Walraven was held in Franschhhoek, South Africa, with many *fib*-affiliated guests.

15-16 October 2012: short course on “Design and construction of concrete bridges” in Ankara, Turkey, was given by Hugo Corres-Peiretti, Michael Fardis and Giuseppe Mancini.

29 November 2012: *fib*UK and the Institution of Structural Engineers held a joint meeting in honour of the late Andrew Beeby.

A list of *fib*-short courses with more details is available on <http://www.fib-international.org/courses> .

## 2.4 Meetings of Commissions and Task Groups

In 2012 about 12 meetings of the 10 *fib* Commissions were held and 33 meetings were organized by Task Groups or Special Activity Groups in various places. Detailed notes of recent meetings, if sent to the secretariat, are made available to all *fib* members on the “Members only” section of: <http://www.fib-international.org>

I take this opportunity to encourage the Commission chairmen and Task Group conveners to send their minutes after the meetings also to the Secretariat in Lausanne.

## 3 – Publications

### 3.1 Bulletins

The *fib* Bulletins published in 2012 are listed below.

|    |   |
|----|---|
| 68 | Probabilistic performance-based seismic designs<br>Technical report (118 pages, ISBN 978-2-88394-108-3, July 2012)  |
| 67 | Guidelines for green concrete structures<br>Guide to good practice (60 pages, ISBN 978-2-88394-107-6, May 2012)   |
| 66 | Model Code 2010 - Final draft, Volume 2<br>Model Code (370 pages, ISBN 978-2-88394-106-9, March 2012)   |
| 65 | Model Code 2010 - Final draft, Volume 1<br>Model Code (350 pages, ISBN 978-2-88394-105-2, March 2012)   |
| 64 | Effect of zinc on prestressing steel<br>Technical report (22 pages, ISBN 978-2-88394-104-5, February 2012)  |
| 63 | Design of precast concrete structures against accidental actions<br>Guide to good practice (78 pages, ISBN 978-2-88394-103-8, January 2012)   |
| 62 | Structural Concrete Textbook, Volume 5: Through-life care and management of concrete structures - Assessment, protection, repair and strengthening<br>Manual/textbook (476 pages, ISBN 978-2-88394-102-1, January 2012) |

All bulletins published during the year are sent to all individual subscribing members, corporate members and national representatives as part of their membership benefits. On request, they are also sold to non-members of *fib*, mainly through the online store. For more information including summaries and lists of contents, see [www.fib-international.org/publications/fib](http://www.fib-international.org/publications/fib) or the *fib*-news issues that are available for downloading at [www.fib-international.org/journal](http://www.fib-international.org/journal).

Statutory members (NMGs) are encouraged to order additional subscriptions of bulletins at very substantial discounts in order to strengthen their group and increase the benefits to their members.

### **3.2 Journal ‘Structural Concrete’ and *fib* -news**

This quarterly journal (published in March, June, September and December) has about 68 pages/issue and features peer-reviewed papers. It includes the newsletter *fib*-news, which is also available separately as a PDF file (via the website or by subscription on request). For more details see [www.fib-international.org/journal](http://www.fib-international.org/journal).

As of 2011, the Structural Concrete Journal is published by Ernst & Sohn (Wiley Group) in Berlin, Germany. It is indexed in the Thomson Reuters (ISI) Web of Science from volume 10 (2009).

### **3.3 *fib* -website**

Launched in the fall of 2011, the *fib* website offers an online store for the purchase of bulletins and a secure “members only” area where *fib* members can access the contact details of other *fib* members, notes from Commission and Task Group meetings, and internal documents such as the *fib* statutes and annual reports.

The main page of the site displays short news items from *fib*’s RSS feed, under the heading “Latest news”. Users can subscribe to this feed to receive these news items directly; the address of the feed is: [www.fib-international.org/RSS](http://www.fib-international.org/RSS).

### **3.4 *fib* e-newsletter**

News items published individually via the RSS feed (see above) are grouped and dispatched every 5-6 weeks, in the form of an electronic newsletter, to *fib* members and others who have shown interest in *fib*. A total of nine e-newsletters were dispatched in 2012.

## **4 – Awards**

Several awards and honours are given by *fib*; for details see the Directory 2011 or the website.

In 2012 the following awards were given:

The *fib* Medal of Merit, in recognition of “outstanding contributions to structural concrete and to *fib*”, was awarded to João Almeida and Jean-Marie Cremer. Honorary Membership was bestowed on Andrzej Ajdukiewicz.

Ten prizes were given to PhD students at the *fib* International PhD Symposium in Karlsruhe (see 2.2).

For details on these awards, see the September 2012 issue of *fib*-news: [http://www.fib-international.org/fib\\_news\\_sept12.pdf](http://www.fib-international.org/fib_news_sept12.pdf).

## **5 – Membership status**

As of 31 December 2012 (in parentheses: 2011), membership statistics in *fib* showed

- 41 National Member Groups (39),
- 26 Corporate Sponsoring Members (22),
- 4 Corporate Supporting Members (5),
- 146 Corporate Associate Members (153),
- 312 Individual Subscribing Members (328),
- 240 Individual Ordinary Members (241), including 12 Student Members (21),
- 231 Individual Representatives (230),
- 21 Life Members (18),
- 15 Honorary Life Members (13).

## **6 – Personalialia and Miscellaneous**

Gordon Clark (United Kingdom) was elected President of *fib* and Harald S. Müller (Germany) elected Deputy President for the period 1st January 2013–31 December 2014.

Rüdiger Rackwitz, member of CEB and contributor to the 1978 and 1990 Model Codes, passed away on 11 July 2012.

Walter Thorpe, member of FIP and well-known specialist in the field of post-tensioning, passed away in August 2012.

More details can be found in *fib*-news.

Lausanne, 28 March 2013

Petra Schumacher

*fib* Secretary General

---

*fib* – *fédération internationale du béton* – the International Federation for Structural Concrete – is grateful for the invaluable support of the following National Member Groups and Sponsoring Members, which contributes to the publication of *fib* technical bulletins, the Structural Concrete Journal, and *fib*-news.

#### **National Member Groups**

AAHES - Asociación Argentina del Hormigón Estructural

CIA - Concrete Institute of Australia

ÖBV - Österreichische Bautechnik Vereinigung, Austria

GBB - Groupement Belge du Béton, Belgium

ABCIC - Associação Brasileira da Construção Industrializada de Concreto, Brazil

ABECE - Associação Brasileira de Engenharia e Consultoria Estrutural, Brazil

*fib* Group of Canada

CCES - China Civil Engineering Society

Hrvatska Ogranak *fib*-a (HOFIB), Croatia

Cyprus University of Technology

Ceska betonarska spolecnost, Czech Republic

DBF - Dansk Betonforening, Denmark

Suomen Betoniyhdistys r.y, Finland

AFGC - Association Française de Génie Civil, France

Deutscher Ausschuss für Stahlbeton e.V., Germany

DBV - Deutscher Beton- und Bautechnik- Verein e.V., Germany

FDB - Fachvereinigung Deutscher Betonfertigteilbau e.V., Germany

Technical Chamber of Greece

Hungarian Group of *fib*

The Institution of Engineers (India)

Technical executive bureau, Iran

IACIE - Israeli Association of Construction and Infrastructure Engineers

Consiglio Nazionale delle Ricerche, Italy

JCI - Japan Concrete Institute

JPCI - Japan Prestressed Concrete Institute

Admin. des Ponts et Chaussées, Luxembourg

*fib* Netherlands

New Zealand Concrete Society

Norsk Betongforening, Norway

Committee of Civil Engineering, Poland

Polish Academy of Sciences

GPBE - Grupo Portugês de Betão Estrutural

Society for Concrete and Prefab Units of Romania

Technical University of Civil Engineering, Romania

University of Transylvania Brasov, Romania  
ASC - Association for Structural Concrete, Russia  
Association of Structural Engineers, Serbia  
Slovak Union of Civil Engineers  
Slovenian Society of Structural Engineers  
Concrete Society of Southern Africa  
KCI - Korean Concrete Institute, South Korea  
ACHE - Asociacion Cientifico-Técnica del Hormigon Estructural, Spain  
Svenska Betongföreningen, Sweden  
Délégation nationale suisse de la *fib*, Switzerland  
ITU - Istanbul Technical University, Turkey  
Research Institute of Building Constructions, Ukraine  
*fib* UK Group  
ASBI - American Segmental Bridge Institute, USA  
PCI - Precast/Prestressed Concrete Institute, USA  
PTI - Post Tensioning Institute, USA

**Sponsoring Members**

Preconco Limited, Barbados  
Liuzhou OVM Machinery Co., China  
CONSOLIS TECHNOLOGY, Finland  
FBF Betondienst GmbH, Germany  
FIREP Rebar Technology GmbH, Germany  
MKT Metall-Kunststoff-Technik GmbH, Germany  
VBBF - Verein zur Förderung und Entwicklung der Befestigungs-, Bewehrungs-  
und Fassadentechnik e.V., Germany  
Larsen & Toubro ECC Division, India  
ATP, Italy  
Sireg, Italy  
Fuji P. S. Corporation, Japan  
IHI Construction Service Co., Japan  
Obyashi Corporation, Japan  
Oriental Shiraishi Corporation, Japan  
P.S. Mitsubishi Construction Co., Japan  
SE Corporation, Japan  
Sumitomo Mitsui Construct. Co., Japan  
Patriot Engineering, Russia  
BBR VT International, Switzerland  
SIKA Services, Switzerland  
Swiss Macro Polymers, Switzerland  
VSL International, Switzerland  
China Engineering Consultants, Taiwan (China)  
PBL Group, Thailand  
CCL Stressing Systems, United Kingdom  
Strongforce, United Kingdom

≈ ≈ ≈