

fib Introduction.

Photo ©Loic Gardiol

David Fernández-Ordóñez
fib Secretary General
May 2024

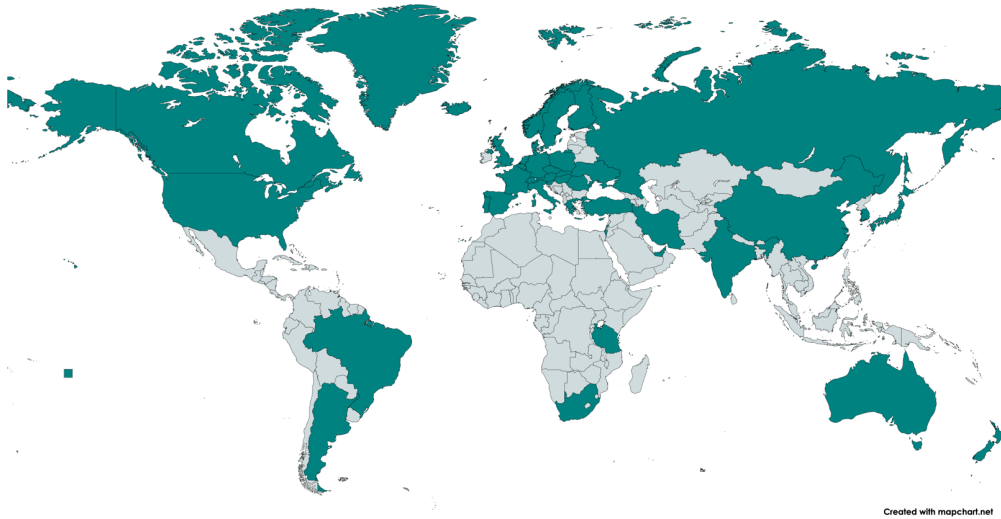
A Bridge between Research and Practice

International Federation for Structural Concrete

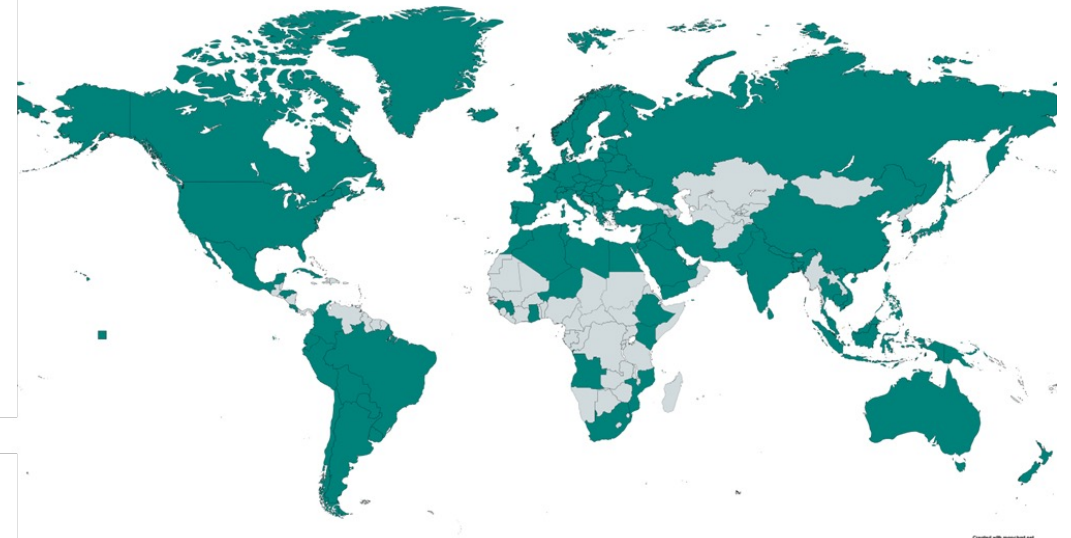
Creation of the *fib*



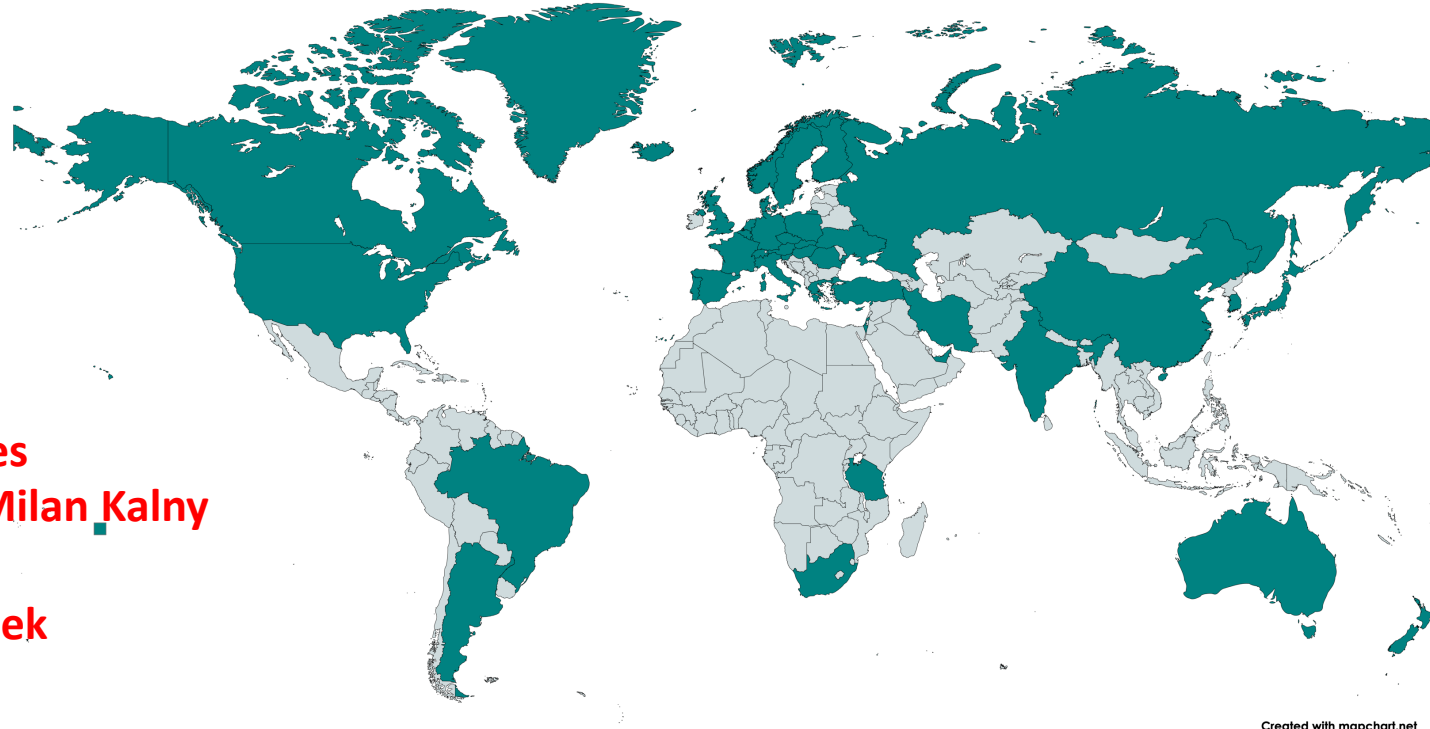
42 *fib* statutory members



fib members in 104 countries



2024 Statutory member countries



***fib* Statutory
Member Countries**

Czech *fib* NMG: 2 votes
Head of Delegation. Milan Kalny
Delegate: Jan Vitek,
Deputies: Kolisko, Hajek

Created with mapchart.net

42 *fib* Statutory Member Countries

Argentina – Australia – Austria – Belgium – Brazil – Canada – China – Cyprus – **Czech Republic** – Denmark – Finland – France – Germany – Greece – Hungary – **Iceland** – India – Iran – Israel – Italy – Japan – Luxembourg – Netherlands – New Zealand – Norway – Poland – Portugal – Romania – Russia – Slovakia – Slovenia – South Africa – South Korea – Spain – Sweden – Switzerland – **Tanzania** – Turkey – UAE – Ukraine – United Kingdom – United States



Mission and Objectives of the *fib*

“To develop at an international level the study of scientific and practical matters capable of advancing the technical, economic, aesthetic and environmental performance of concrete construction.” *Statutes of the fib*



Stimulation of
research and
synthesis of
findings

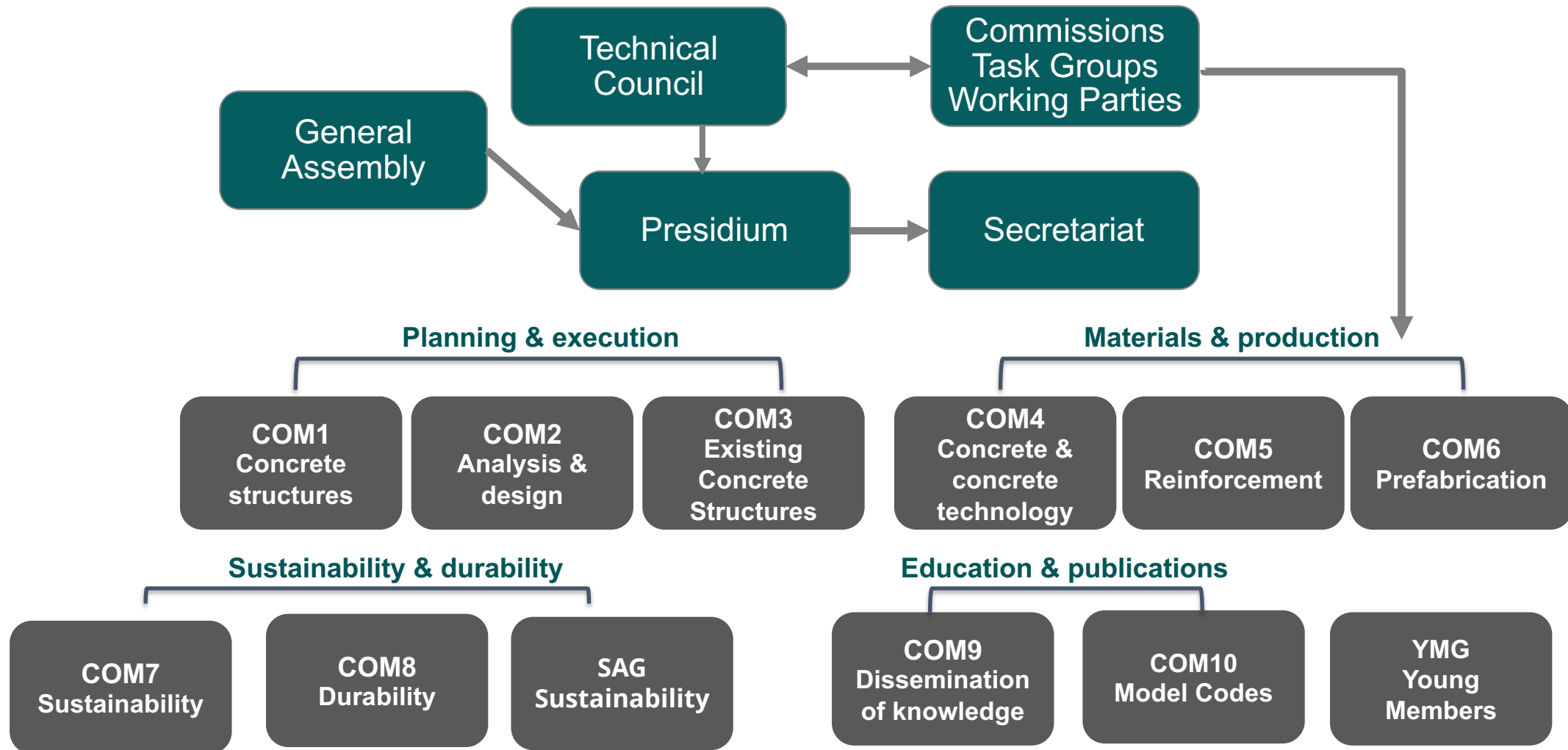
Transfer into
design and
construction
practice

Dissemination by
publications,
conferences, etc.

Production of
recommendations
and codes

Dissemination of
information to
members

The *fib*'s structure



A *Bridge* between *Research* and *Practice* International Federation for Structural Concrete

2023-24 *fib* Presidium members

Stephen Foster
Australia
President



Iria Doniak
Brazil
Deputy President



Akio Kasuga
Japan
Past President



Agnieszka Bigaj
Netherlands



Marco di Prisco
Italy



Larbi Sennour
USA



Jean Michel
Torrenti
France



Alberto Meda
Italy



Alfred Strauss
Austria



Sylvia Keßler
Germany



Steve Denton
UK

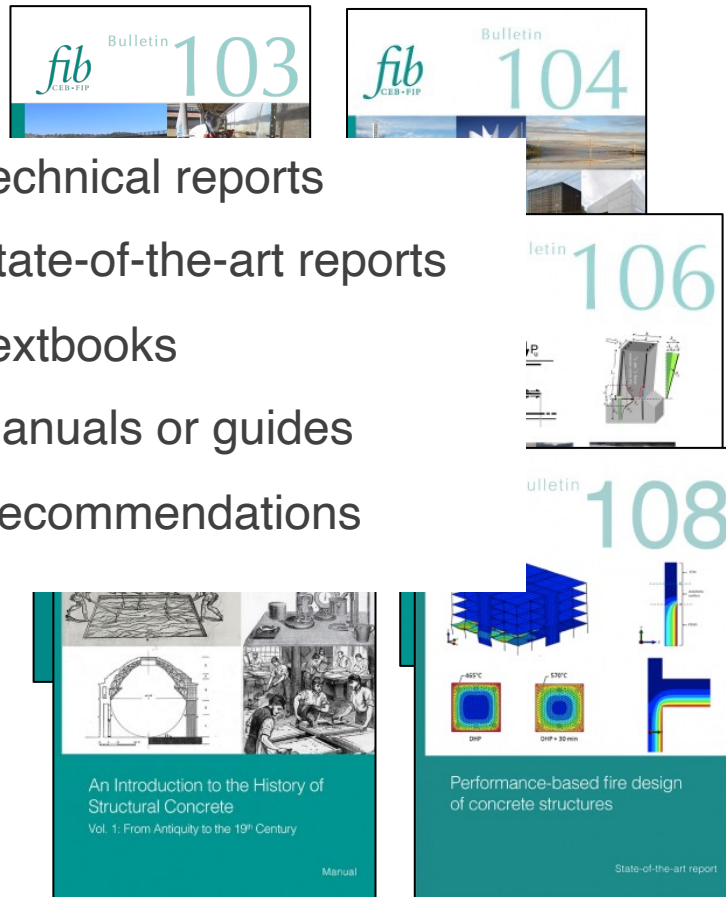


David Fernández-
Ordóñez
Secretary General



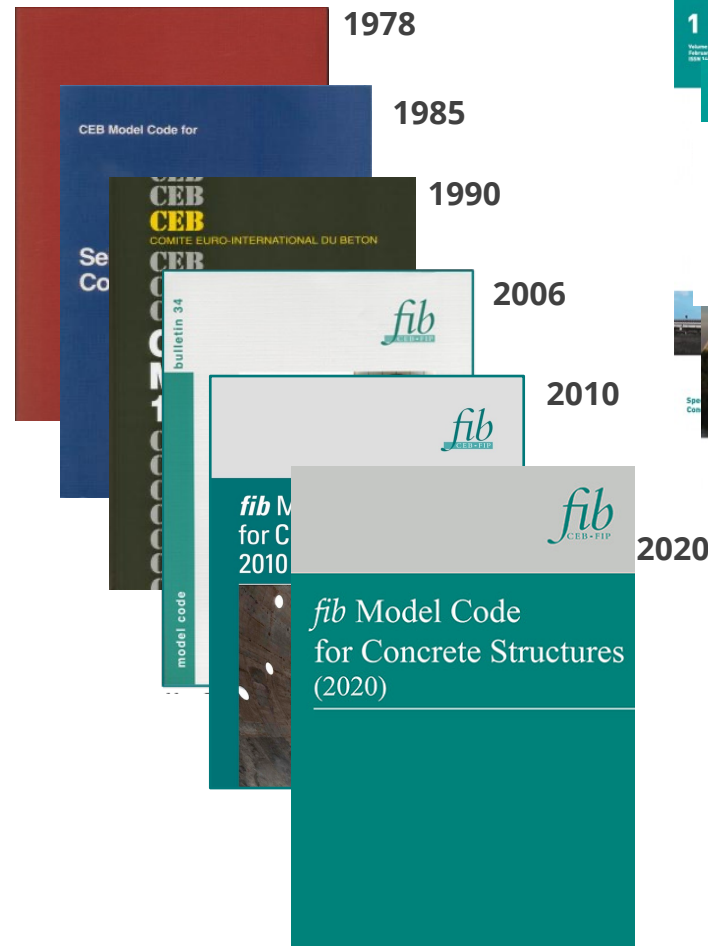
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fib Bulletins



- Technical reports
- State-of-the-art reports
- Textbooks
- Manuals or guides
- Recommendations

Model Codes



The *fib*'s journal *Structural Concrete*



- Current impact factor: **3.2**
- 6 issues per year

The *fib*'s Structural Concrete journal



Impact factor 2022: **3.2**

6 issues starting from 2016

More than 3.800 pages and 300 papers in 2022

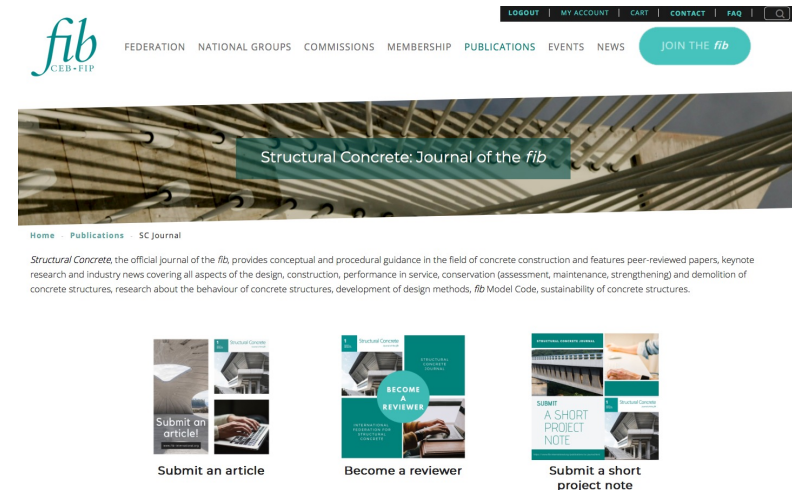
Ranked **28/63** in Construction & Building Technology and **50/136** in Civil Engineering



The *fib*'s Structural Concrete journal

Online Access

- Access to the SC Journal online after logging to the *fib* website !



Latest issues of the SC Journal

FEBRUARY 2020 VOL21 ISSUE 1	DECEMBER 2019 VOL20 ISSUE 6	OCTOBER 2019 VOL20 ISSUE 5	AUGUST 2019 VOL20 ISSUE 4	JUNE 2019 VOL20 ISSUE 3	APRIL 2019 VOL20 ISSUE 2
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February 2020 Vol21 Issue 1

To order this issue, please visit the [Wiley Online Library](#)

Journal Article

The main part of the journal contains peer-reviewed papers. The table of contents and abstracts for issues from 2002 to 2011 are freely available via [Wiley Online Library](#).



For *fib* members only: PDF files of articles published since 2011 are available from the Wiley Online Library.

The *fib*'s Structural Concrete journal



Short Project Notes

- Short Project Notes are intended to provide a description of a relevant project that has been built or is in the process of execution. The original or novel aspects in design or execution should be clearly indicated.
- Short Project Notes should be submitted online at: <https://mc.manuscriptcentral.com/suco>
- The guidelines for authors here: <https://onlinelibrary.wiley.com/page/journal/17517648/homepage/forauthors.html>

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Author Guidelines

Preparing a submission

Papers should be submitted online at <http://mc.manuscriptcentral.com/suco>. Manuscripts should be submitted with double line spacing and wide margins. The first page should include the full title of the paper and the full name(s) of the author(s), followed by their position held and the institution(s) where the work was done. The contact address, telephone number, and e-mail address of the lead author should also be supplied. Photographs of the author(s), clearly identified, should also be supplied.

Please try to use an official email address when registering to the submission system. Email providers such as Yahoo, Google or Microsoft sometimes block our emails.

Please also make sure to enter the full and correct contact details of you and your co-authors. These addresses will be used to send you the author copies when your paper has been accepted and published in the journal *Structural Concrete*.

DOI: 10.1002/suco.20180001

SHORT PROJECT NOTE



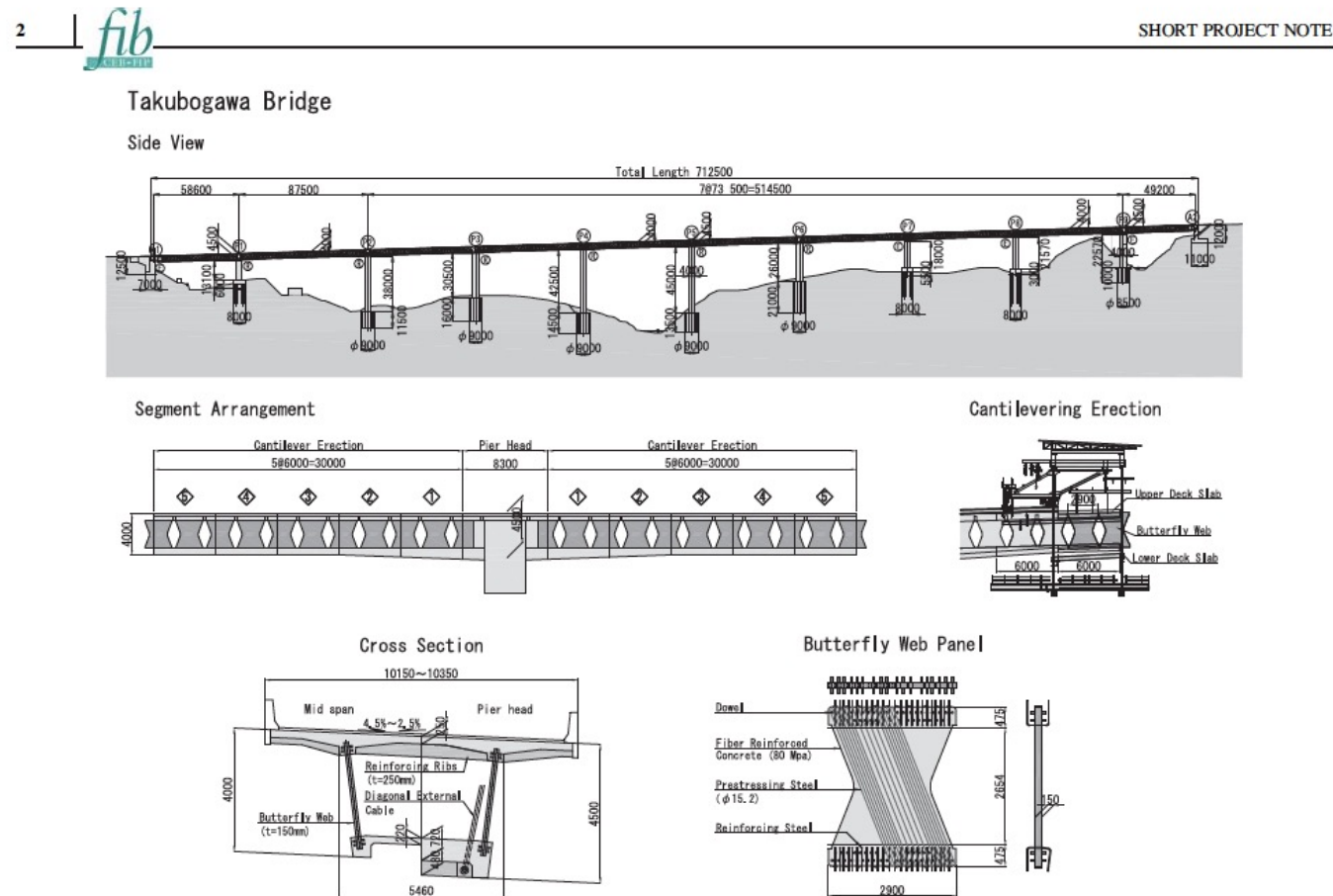
Takubogawa Bridge

The Tokugawa Bridge (Figure 1) is a 10-span continuous butterfly web box girder highway bridge, whose longest span is 87.5 m. “Butterfly Web Bridge” is a new type of bridge structure and this bridge is the world first application

bridge axis direction. Moreover, this is a simple structure in which the panels are connected to the upper and lower deck slabs linearly using dowels with no need to connect adjacent panels, thus facilitating a rapid construction.

The *fib*'s Structural Concrete journal

Short project notes:



Results of commissions and task groups are published as *fib* Bulletins

- All bulletins included in Google Books
- Possibility to buy hardcopy and pdf in the *fib* webstore
- DOI per bulletin and per chapter when there are main authors
- Indexing of Bulletins in Scopus data base

Authors by chapter

Chapters	Main Authors	DOI
1	Vítek	doi.org/10.35789/fib.BULL.0092.Ch01
2	Vítek	doi.org/10.35789/fib.BULL.0092.Ch02
3	Vítek	doi.org/10.35789/fib.BULL.0092.Ch03
4	Bisch, Caldentey, Duarte, Debernardi, Fehling, Guiglia, Mari Bernat, Taliano , Torres, Vítek and Vrablik	doi.org/10.35789/fib.BULL.0092.Ch04
5	Burns, Caldentey, Duarte, Fehling, Mari Bernat, Torres, Vítek and Vrablik	doi.org/10.35789/fib.BULL.0092.Ch05
6	Borosnyoi , Caldentey, Debernardi, Guiglia, Taliano, and Windisch	doi.org/10.35789/fib.BULL.0092.Ch06
7	Červenka	doi.org/10.35789/fib.BULL.0092.Ch07
8	Vítek	doi.org/10.35789/fib.BULL.0092.Ch08

Access to the Publications of the *fib*

PDF viewer

- View your *fib* Bulletin online and download it

← Prefabrication for affordable housing (PDF)

Model Code 2010 - First complete draft, Volume 2 (PDF)

N° 56. Model Code 2010 - First complete draft, Volume 2. Draft model code.

Note: the final approved version of MC2010 is published as Bulletins 65 and 66.





Model Code 2010 - First complete draft, Volume 2 (PDF)

N° 56. Model Code 2010 - First complete draft, Volume 2. Draft model code.
Note: the final approved version of MC2010 is published as Bulletins 65 ...

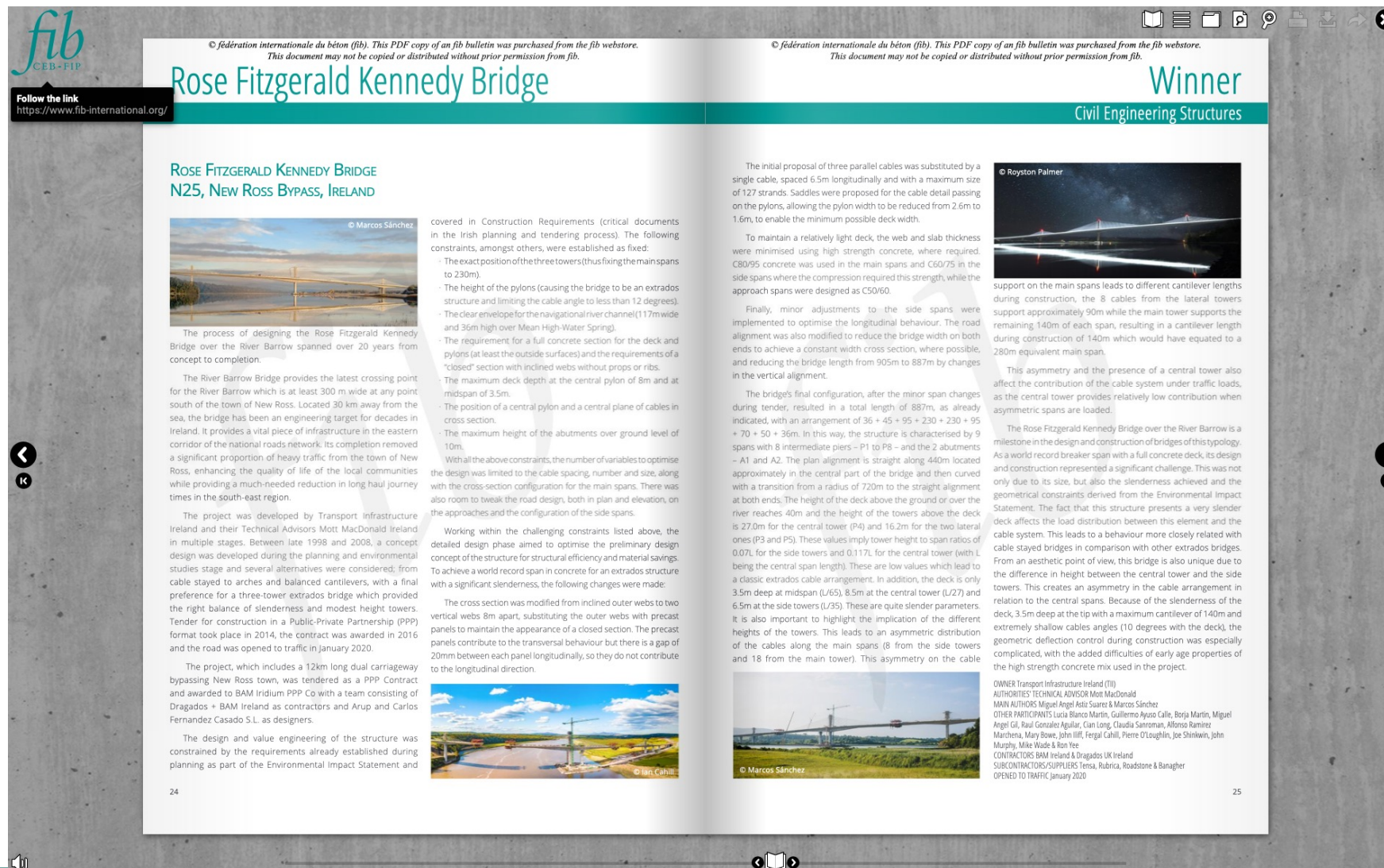
 View online

Price
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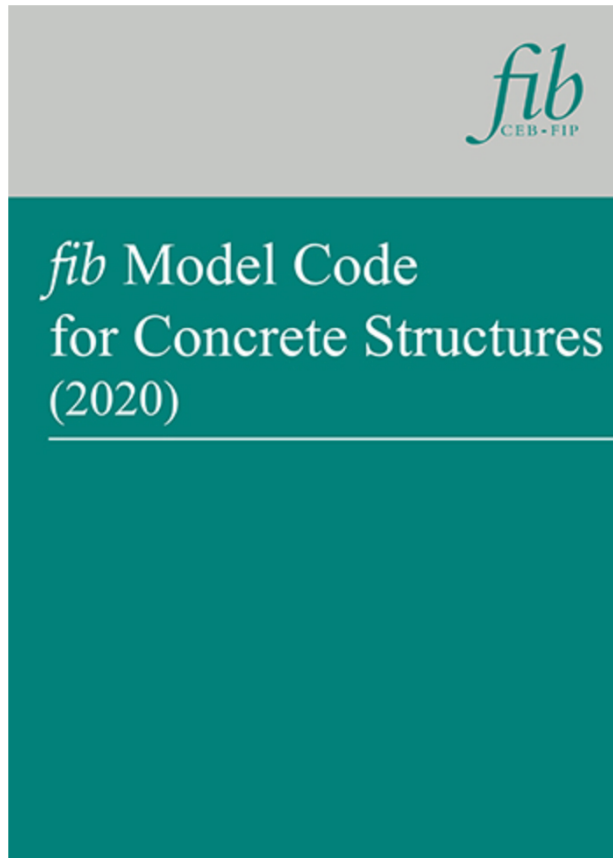
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PDF viewer



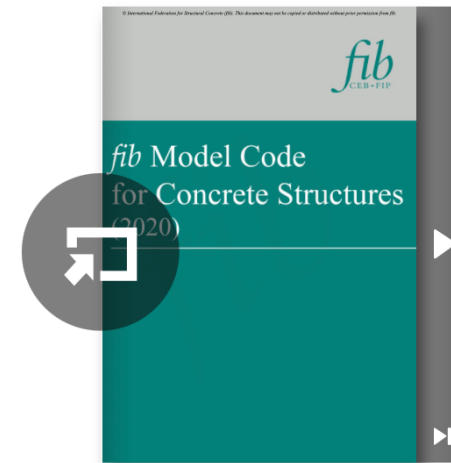
Access to the Publications of the *fib*

The Model Code (2020)



fib MC (2020) presents new consensus guidance on developments relating to concrete structures and structural materials, as well as providing a basis for future codes for concrete structure. It addresses significant advances made on a wide range of issues including those relating to structural design and analysis methods, seismic design and assessment procedures, durability, structural monitoring, service life design, structural assessment through-life and making interventions to adapt existing structures or enhance their performance to accommodate revised requirements or extend their useful life.

fib MC (2020), like previous editions of the *fib* Model Code, not only specifies requirements and recommended practices, but gives explanations in the adjoining informative column of the document.



A Bridge between Research and Practice International Federation for Structural Concrete



Let's keep in touch ...

- Social media
- *fib*-news
- e-newsletter



Join the *fib* Young Members Group!



Home - Commissions - YMG - Young Members Group

Motivation

The *fib* Presidium has approved the creation of an *fib* Young Members Group. All members of the Presidium have high expectations for the development of this group.

The *fib* thinks that it is crucial that young professionals are given the opportunity to fully participate in the activities of the organisation. They are welcome to participate in commissions and task groups and to become part of the decision bodies. However, young members do not normally participate in the development of documents and in the decisions of the *fib*.

The Young Members Group aims to build a framework that will allow young engineers to participate in the activities of the association and to bring their ideas to the working groups and the decision bodies.

Scope and objective

The main objectives of the *fib* Young Members Group include:

- Improving the profession's self-concept in the XXI century
- Encouraging mentoring within the *fib*
- Studying the work of other engineers to improve one's own work

YMG podcast series

- Concrete Sustainability Podcast-2
- Concrete Sustainability Podcast-3
- Rising Stars Podcast -3



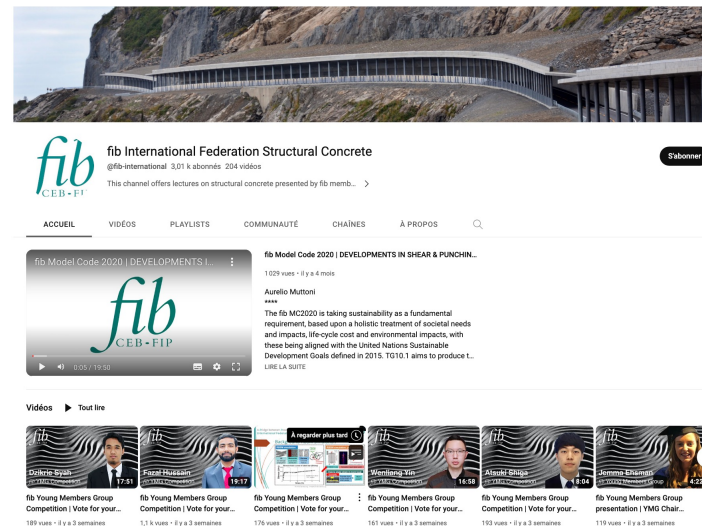
Commission Chair
Jemma Ehsman



Deputy Chair
Marcelo Melo



fib YouTube Channel



Staying informed about the *fib*: Youtube





fib International Federation Structural Concrete
@fib-international · 3,34 K suscriptores · 230 videos
<https://www.fib-international.org/> >

Suscrito

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Performance-Based Approach : Working on the Future-Oriented Standardization

MODEL CODE 2020 series

Agnieszka Bigaj-van Vliet

16:10

fib Model Code 2020 | PERFORMANCE-BASED APPROACH : WORKING ON THE FUTURE-ORIENTED STANDARDIZATION
fib International Federation Structural Concrete · 465 visualizaciones · hace 1 año
Agnieszka Bigaj Van Vliet **** The fib MC2020 is taking sustainability as a fundamental requirement, based upon a holistic treatment of societal needs as
fib Model Code 2020 | PERFORMANCE-BASED APPROACH : WORKING ON THE FUTURE-ORIENTED STANDARDIZATION

Para ti



YMG podcast series: Conceptual Design of Structures with Jeannette Kuo

172 visualizaciones · hace 2 meses



YMG podcast series: Conceptual Design of Structures with Urs Meiste

55 visualizaciones · hace 1 mes



fib Model Code 2020 | MODELLING CONCRETE PROPERTIES: NEW APPROACHES IN MC2020

516 visualizaciones · hace 1 año



Joint fib YMG Russia and Serbia Conference on Deflections of Reinforced Concrete

1,2 K visualizaciones · hace 3 años

fib Young Members Group!



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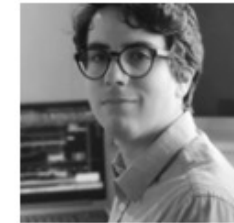
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YMG podcast series

- **Concrete Sustainability Podcast- 2**
- **Concrete Sustainability Podcast- 3**
- **Rising Stars Podcast - 3**



Deputy Chair
Marcelo Melo



Next events

fib PhD Symposium 2024 in Budapest, Hungary

28-30 August 2024

fib ICCS24 Sustainability in Guimarães, Portugal

11-13 September 2024

fib Symposium 2024 in Christchurch, New Zealand

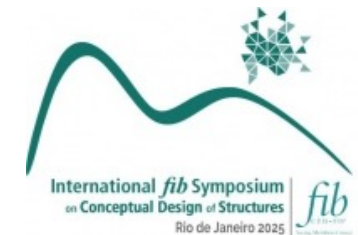
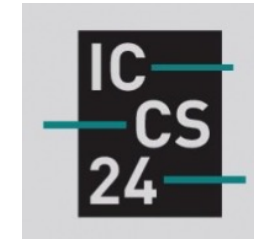
11-13 November 2024

fib International Symposium on Conceptual Design of Concrete Structures, 2025 Rio de Janeiro, Brazil

14-15 May 2025

fib Symposium 2025 in Antibes, France

16-18 June 2025



fib Honours and Awards

Freyssinet Medal	Recognizes outstanding technical contributions in the field of structural concrete
Medal of Merit	Recognizes outstanding contributions to structural concrete and to the <i>fib</i>
Honorary Life Members	Recognizes significant personal contributions to the work of the <i>fib</i>
Awards for Outstanding Concrete Structures	International recognition for concrete structures which demonstrate the versatility of concrete as a structural medium
Achievement Award for Young Engineers	Recognizes engineers younger than 40 years old
<i>fib</i> fellows	Recognizes <i>fib</i> members that have been active for many years and that have contributed to the goals of the <i>fib</i>



2022 Award-winning concrete structures



Come, help us change the world ...

Thank you!

Photo ©Loic Gardiol

David Fernández-Ordóñez
fib Secretary General