

International Federation for Structural Concrete
Fédération internationale du béton



The *fib*, organisation and the Model Code



Assemblée générale AFGC - 2019

Creation of the *fib*



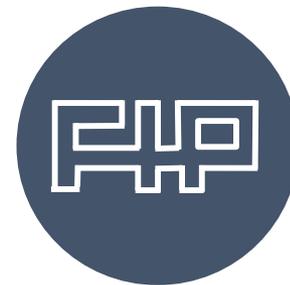
**Euro-International
Committee for Concrete**
Comité euro-internationale du béton
1953



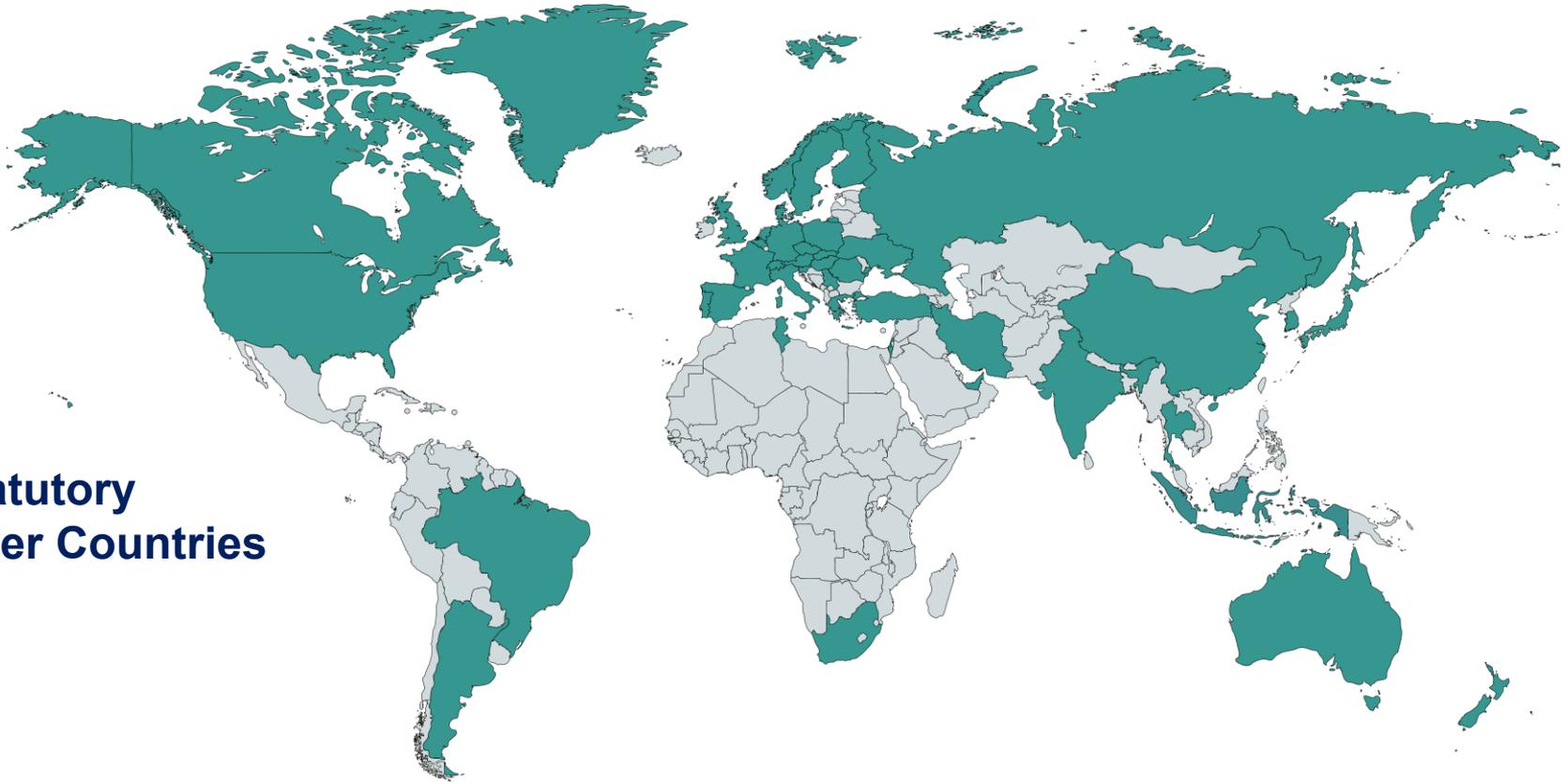
1998



**International Federation
for Pre-stressing**
Fédération internationale
de la précontrainte
1952



2019 Statutory member countries



***fib* Statutory Member Countries**

45 *fib* Statutory Member Countries

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

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Mission and Objectives of the *fib*



La fib a pour vocation de développer et stimuler au niveau international, les études scientifiques et les applications des constructions en béton et de promouvoir leurs performances techniques, économiques, esthétiques et environnementales et de diffuser les résultats des activités de recherche et des expérimentations.

Stimulation of research and synthesis of findings

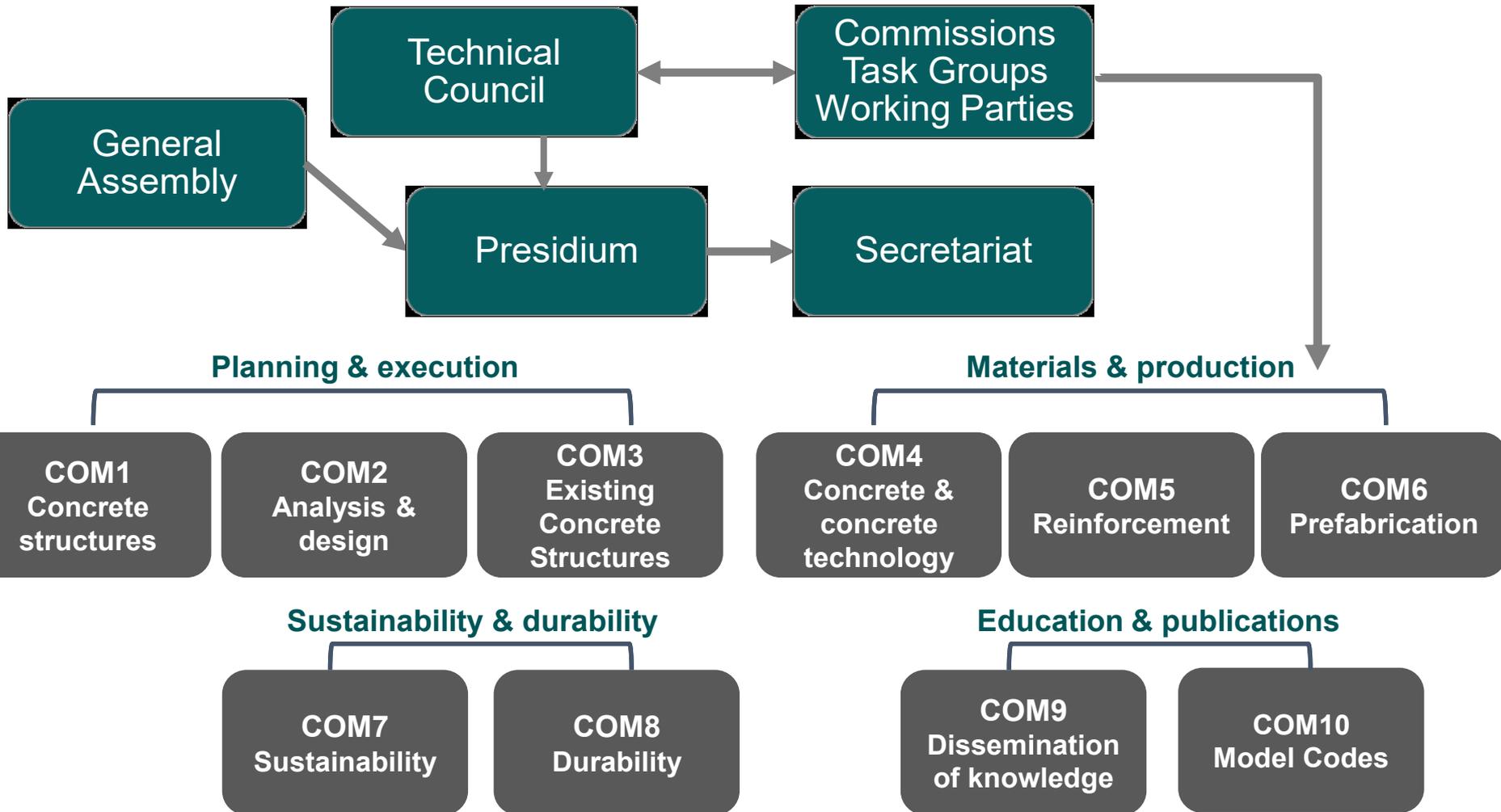
Transfer into design and construction practice

Dissemination by publications, conferences, etc.

Production of recommendations and codes

Dissemination of information to members

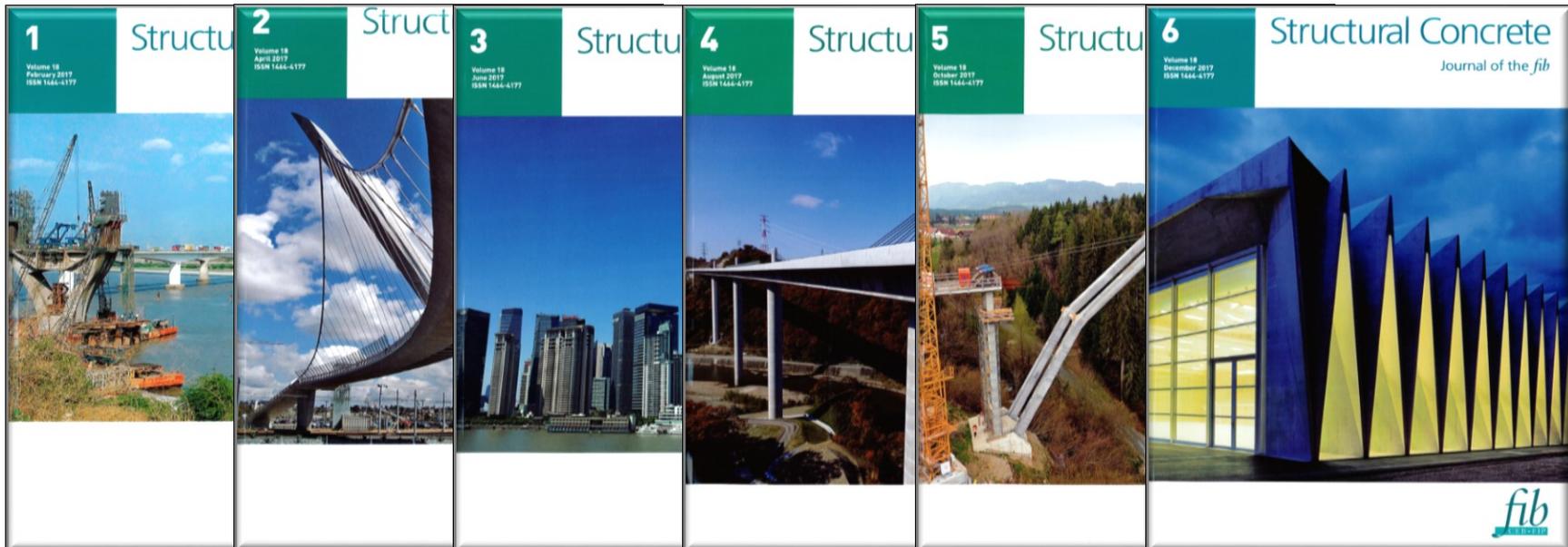
The *fib*'s structure



The *fib*'s Structural Concrete journal



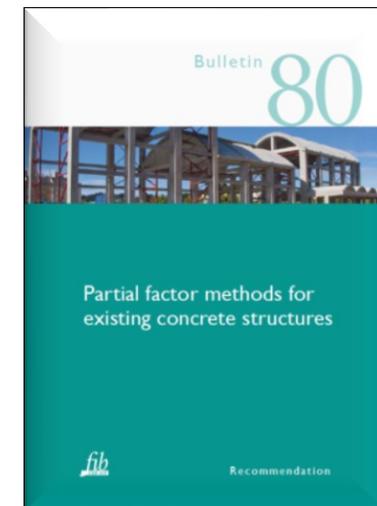
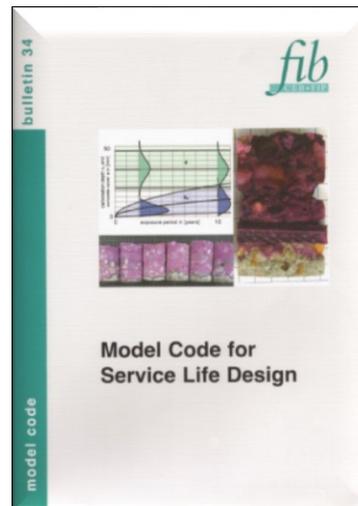
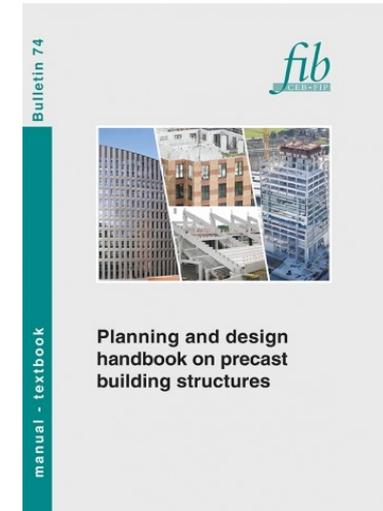
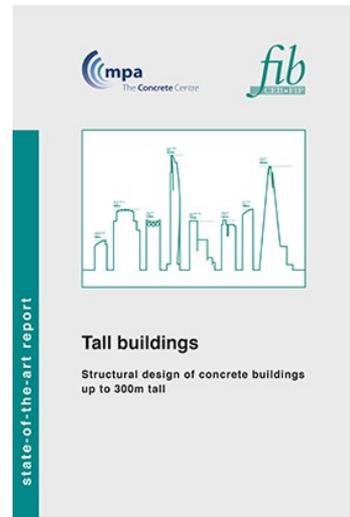
Impact factor 2017: 1.384
6 issues starting from 2016
More than 2.000 pages and 170 papers



Results of commissions and task groups are published as fib bulletins



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



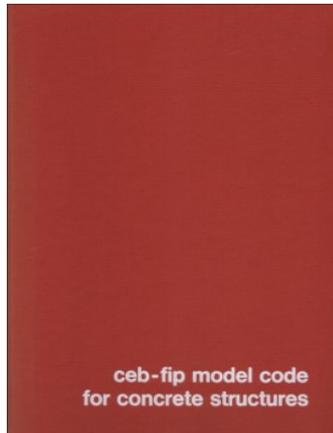
- No. 83. Precast tunnel segments in fibre-reinforced concrete. State-of-the-art report
- No. 82. Precast segmental bridges. Guide to good practice
- No. 81. Punching shear of structural concrete slabs. Technical report
- No. 80. Partial factor methods for existing concrete structures. Recommendations.

Parus en 2018

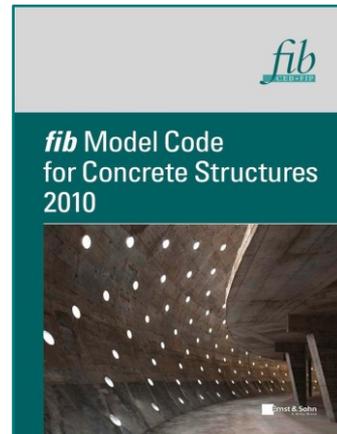


- N°88 Sustainability of precast structures
- N°87 2018 fib Awards for Outstanding Concrete Structures
- N°86 Safety and performance concept. Reliability assessment of concrete structures. Guide to good practice
- N°85 Towards a rational understanding of shear in beams and slabs. Technical report
- N°84 Precast Insulated Sandwich Panels. State of the art report

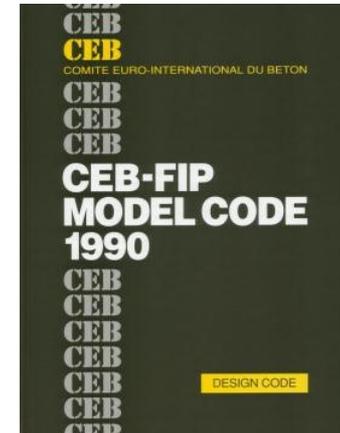
Evolution of Model Codes



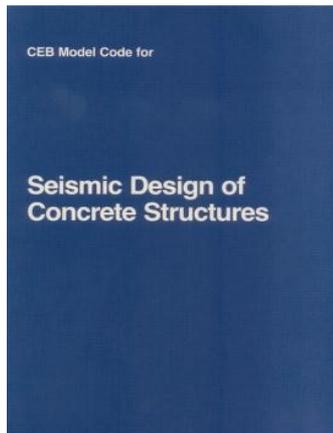
Model Code 1978



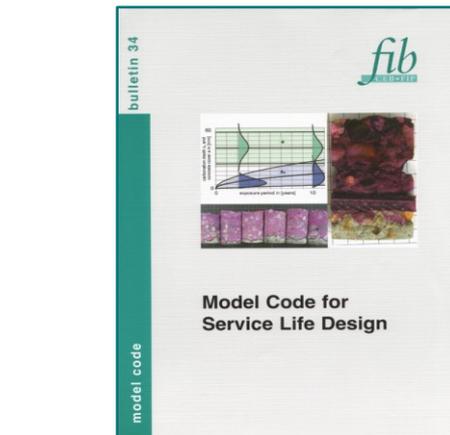
Model Code 2010



Model Code 1990



CEB Bull. 165 Seismic Design

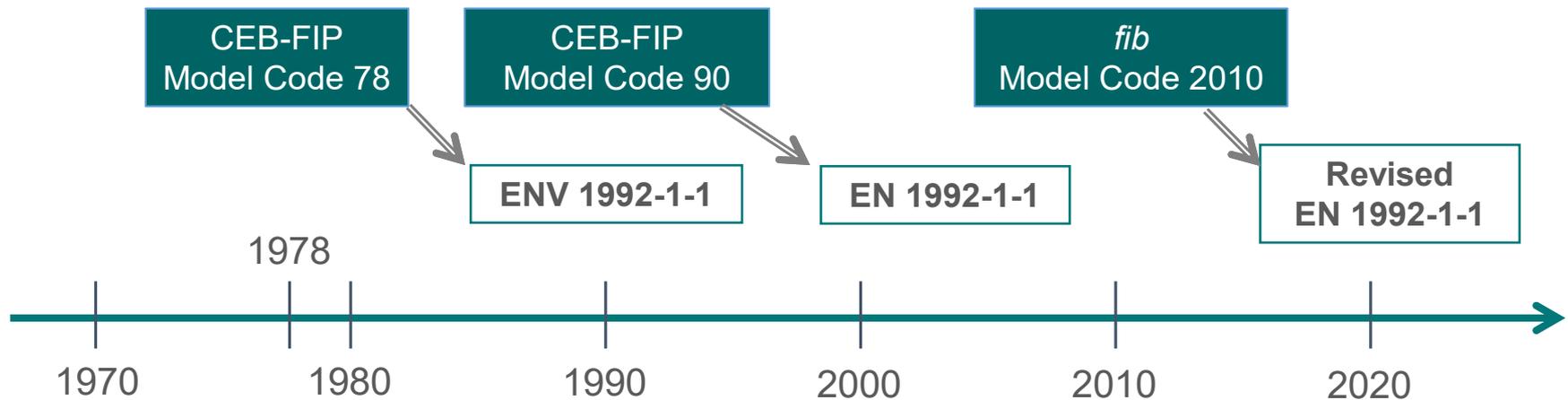


fib Bull. 34 Service Life Design

Impact of *fib* (CEB-FIP) Model Codes



Strong influence on Eurocodes



Pronounced influence on Asian and African Model Codes

**Model Codes are used as reference documents
both in research and in design**

Code Model 2020



- *Rappel : code model 2010 disponible (bulletins 65 et 66 téléchargeables sur le site afgc – espace adhérents)*
- *Démarrage de l'écriture de la nouvelle version du code model – core group = TG10.1 >> final draft en 2020*
 - *Principales évolutions :*
 - *integrated life cycle perspective, sustainability*
 - *importance of robustness and redundancy for respectively new and existing structures*
 - *particular attention to the issues specific for existing structures*
 - *new types of concrete and new techniques for construction and (remedial) interventions*
 - *...*
 - *Table of contents sur le site AFGC*

Upcoming symposia, congresses and supported events



2019 Symposium

Concrete: Innovations in materials, design and structures
27-29 May - Krakow, Poland



2019 Symposium. Conceptual design of structures

26-28 September Madrid, Spain

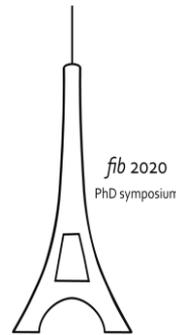
2020 Symposium

26-28 April- Shanghai, China



2020 PhD Symposium

26-28 August Paris, France



2020 ICCS20 Symposium

16-18 September Prague, Czech Republic.



2021 Symposium

14-16 June Lisbon, Portugal

2022 Congress

5-9 June, Oslo, Norway

Young Members Group



YMG: Young Engineers

[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 actively 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.

Young engineers can bring new ideas and new ways of working to the *fib*.



Commission Chair
Andreas Sjaastad



Deputy Chair
Motohiro, Ohno

fib YMG

en liaison avec groupe AFGC jeunes

contact : Gael Le Bloa

gael.lebloa@ingenova-lab.fr

International cooperation



- Memoranda of cooperation signed in since 2015 with:

- ACI



- RILEM



- AFC



- Alconpat



- Promote coordination between the organizations
- Arrange relevant joint activities
- Ensure effective coverage of fields of interest
- Find suitable solutions for joint publications

fib Awards and honours



Freyssinet Medal

Recognizes outstanding technical contributions in the field of structural concrete

Medal of Merit

Recognizes outstanding contributions to structural concrete and to the *fib*

Honorary Life Members

Recognizes significant personal contributions to the work of the *fib*

Awards for Outstanding Concrete Structures

International recognition for concrete structures which demonstrate the versatility of concrete as a structural medium

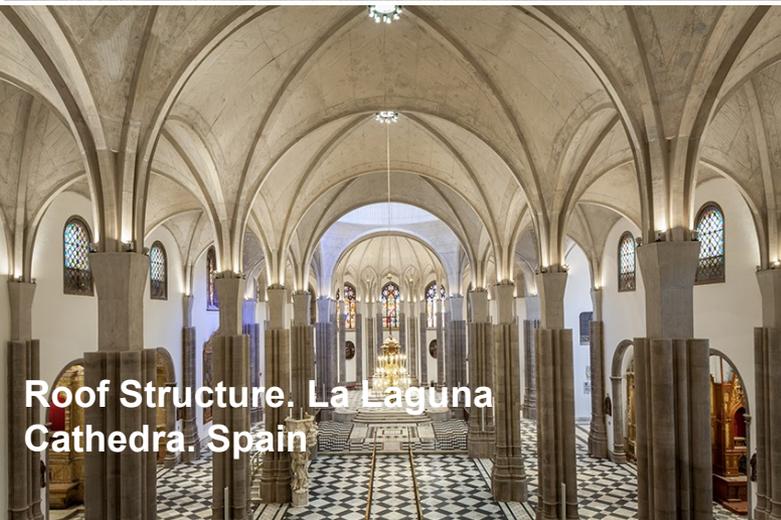
Achievement Award for Young Engineers

Recognizes engineers younger than 40 years old

2018 Award-winning concrete structures



Butterfly web bridge. Japan



Roof Structure. La Laguna Cathedral. Spain



Micro House Tokyo
Japan

Médailles Freyssinet 2018



- Jean François Klein
- Guiseppe Mancini
- Rudy Ricciotti



WE WANT YOU!

Ou au moins aidez vos jeunes à s'investir dans les associations !