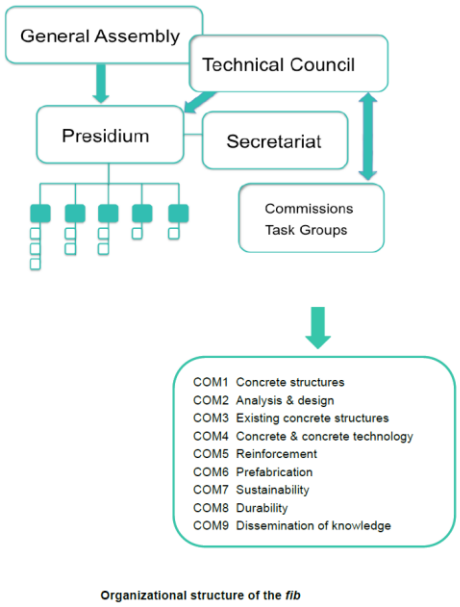
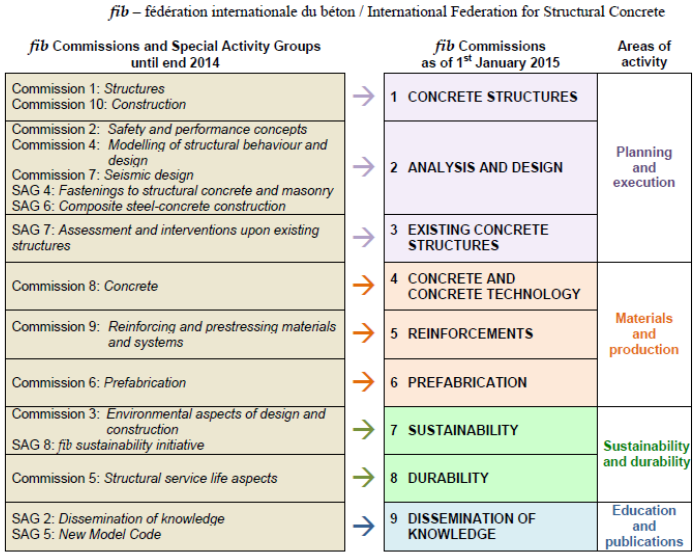
Magyar Tagok a *fib* Commission-okban és Task Group-okban **2019-01-01**

fib Presidium	**Balázs**	Honorary President
fib Technical Council	**Balázs**	(Head of Delegation)
fib General Assembly	**Balázs**	(Head of Delegation)
	Madaras	(Delegate)
	Magyar	(Deputy delegate)
	Kovács	(Deputy delegate)



Organizational structure of the *fib*



10 Model Codes

A ***fib*** (Nemzetközi Betonszövetség) 2015. január 1-től a előző ábra jobb oldalán szereplő munkabizottságokban szerveződik a feladatok megoldása.

A ***fib*** Nemzetközi szervezet munkájában hivatalos tagként közvetlenül részt vesznek a következő magyar kollégáink (munkacsoportok részletes felsorolása s megnevezése alábbiakban található):

Dr. Balázs L. György	**Presidium Invited.** **General Assembly,** **Technical Council,** T2.1, T2.3, T4.1, TG 5.1, **COM9 (Chairman)**, COM10 ***fib*** Awards for young engineers (zsűri tag)
Juhász Károly	T2.4 WG2.4.2
Dr. Kovács Tamás	General Assembly (Deputy Delegate)
Dr. Lublóy Éva	T2.3, T 4.1
Dr. Madaras Gábor	General Assembly, COM8
Magyar János	General Assembly (Deputy Delegate)
Sólyom Sándor	T5.1, COM9 (Secretary), YMG
Várdai Attila	T3.2, T3.4

a Commission-ok és Task Group-ok szerint megadva:

Commission 2 Analysis and design	Balázs L. György
Task Group 2.1: Serviceability models	Balázs L. György
Task Group 2.3: Fire design of concrete structures	Balázs L. György Lublóy Éva
Task Group 2.4: Computer-based modelling and design WG 2.4.2 Modelling of Fibre Reinforced Concrete	 Juhász Károly
Task Group 2.5: Bond and material models	Balázs L. György
Task Group 3.2: Existing concrete structures: Modelling of structural preformance of existing structures Task Group 3.4: Selection and implementation of interventions / through-life management activities and measures for concrete structures	Várdai Attila Várdai Attila
Task Group 4.1: Fibre-reinforced concrete	Balázs L. György Lublóy Éva Szabó Zsombor
Task Group 5.1: FRP (Fibre Reinforced Polymer) reinforcement for concrete structures	Balázs L. György Sólyom Sándor
Commission 8 Structural service life	Madaras Gábor
Commission 9 Dissemination of knowledge	Balázs L. György, Chairman Sólyom Sándor, Secretary
Commission 10 *fib* Model Codes	Balázs L. György
Young Members Group	Sólyom Sándor

Korábbi években a ***fib*** nemzetközi munkacsoportok tagjai voltak még: Beluzsár János, Dr. Czoboly Olivér, Dr. Erdélyi Attila, Dr. Józsa Zsuzsanna, Lakatos Ervin, Dr. Lenkei Péter, Dr. Tassi Géza és Telekiné Királyföldi Antónia is.

A következőkben felsoroljuk a ***fib*** Commission-ok, Task Group-ok és Working Party-k sorát.

Commission 1 CONCRETE STRUCTURES

- Task Group 1.1: Bridges
  - Working Party 1.1.2: Bridges for high-speed trains
  - Working Party 1.1.3: Corrugated steel web bridges

    - Working Party 1.1.4: Integral bridges
- Task Group 1.2: Concrete structures in marine environments
    - Working Party 1.2.1: Floating concrete structures
    - Working Party 1.2.2: Submerged floating tunnels (SFT)
- Task Group 1.3: High-rise buildings
- Task Group 1.4: Tunnels
    - Working Party 1.4.1: Tunnels in fibre-reinforced concrete
- Task Group 1.5: Structural Sustainability
- Task Group 1.6: History of concrete structures
- Task Group 1.7: Construction of concrete structures

Commission 2 ANALYSIS AND DESIGN

- Task Group 2.1: Serviceability models
    - Working Party 2.1.1: Long-term behaviour of prestressed concrete bridges
    - Working Party 2.1.2: Restrained and imposed deformations
- Task Group 2.2: Ultimate limit state models
    - Working Party 2.2.1: Shear in beams
    - Working Party 2.2.2: Shear in members with steel fibres
    - Working Party 2.2.3: Punching and shear slabs
    - Working Party 2.2.4: Strut and tie modelling
- Task Group 2.3: Fire design of concrete structures
    - Working Party 2.3.1: Spalling design
    - Working Party 2.3.2: Performance-based fire design
    - Working Party 2.3.3: Fire resistance of concrete tunnels
- Task Group 2.4: Computer-based modelling and design
    - Working Party 2.4.1: Nonlinear dynamic analysis for seismic evaluation of RC frames
    - Working Party 2.4.1: Modelling of Fibre Reinforced Concrete Stuctures
- Task Group 2.5: Bond and material models
    - Working Party 2.5.1: Bond of plain reinforcement
    - Working Party 2.5.2: Standard method of test for bond
- Task Group 2.6: Composite steel-concrete construction
- Task Group 2.7: Design for extreme events
- Task Group 2.8: Safety and performance concepts
- Task Group 2.9: Fastenings to structural concrete and masonry
    - Working Party 2.9.1: Review of current fib model with a view to Model Code 2010 and model for anchor reinforcement
    - Working Party 2.9.2: Open topics in the current design guide
    - Working Party 2.9.3: Shear lugs
    - Working Party 2.9.4: Fatigue loading
    - Working Party 2.9.5: Bonded anchors under sustained load
    - Working Party 2.9.6: Post-installed reinforcement - Harmonization of rules for reinforced concrete and anchorages with bonded anchors and post-installed
    - Working Party 2.9.7: Splitting of bonded anchors
    - Working Party 2.9.8: Required stiffness of baseplates
    - Working Party 2.9.9: Fire Resistance of anchors and post-installed reinforcement

Commission 3 EXISTING CONCRETE STRUCTURES

- Task Group 3.1 Reliability and safety evaluation: Full probabilistic and semi-probabilistic methods for existing structures
- Task Group 3.2 Existing concrete structures: Modelling of structural preformance of existing structures
- Task Group 3.3 Assessment/ evaluation and decision-making procedures for the through-life management of existing concrete structures
- Task Group 3.4 Selection and implementation of interventions/ Through-life management activities and measures for concrete structures

Commission 4 CONCRETE AND CONCRETE TECHNOLOGY

- Task Group 4.1: Fibre-reinforced concrete
- Task Group 4.2: Ultra high performance fibre-reinforced concrete
- Task Group 4.3: Structural design with flowable concrete
- Task Group 4.4: Aesthetics of concrete surfaces
- Task Group 4.5: Performance-based specifications for concrete
- Task Group 4.6: Constitutive laws for concretes with supplementary cementitious materials

Commission 5 REINFORCEMENTS

- Task Group 5.1: FRP (Fibre Reinforced Polymer) reinforcement for concrete structures
- Task Group 5.2: Reinforcing steels and systems
    - Working Party 5.2.1: Guidelines for detailing
- Task Group 5.3: Manual for prestressing materials and systems
- Task Group 5.4: Recommendations for Ground anchor systems
- Task Group 5.5: Cables for cable-supported bridges
- Task Group 5.6: Behaviour under cryogenic conditions
- Task Group 5.7: Dismantlement and re-use of reinforced and prestressed concrete structures
- Task Group 5.8: External tendons for bridges

Commission 6 PREFABRICATION

- Task Group 6.1: Prestressed hollow core floors
- Task Group 6.2: Quality control for precast concrete
- Task Group 6.3: Sustainability of structures with precast elements
- Task Group 6.4: Precast concrete towers for wind power generators
- Task Group 6.5: Precast concrete bridges
- Task Group 6.6: Retrofitting of precast seismic structures
- Task Group 6.7: Precast concrete in tall buildings
- Task Group 6.8: Terminology for precast concrete

- Task Group 6.10: Precast concrete buildings in seismic areas – Practical aspects
- Task Group 6.11: Precast insulated sandwich panels
- Task Group 6.12: Planning and design handbook on precast building structures

Commission 7 SUSTAINABILITY

- Task Group 7.1: Sustainable concrete – general framework
- Task Group 7.2: Application of environmental design to concrete structures
- Task Group 7.3: Concrete made with recycled materials – Life cycle perspective
- Task Group 7.4: Sustainable civil structures
- Task Group 7.5: Environmental product declarations (EPD) and equivalent performance of concrete

Commission 8 STRUCTURAL SERVICE LIFE

- Task Group 8.1 Model technical specification for repairs and interventions
- Task Group 8.2 Birth and re-birth certificates & through-life management aspects
- Task Group 8.3: Operational document to support Service Life Design
- Task Group 8.4: Life Cycle Cost (LCC) - Design life and/or replacement cycle
- Task Group 8.5: Durability of post-tensioning systems
- Task Group 8.6: Calibration of code deemed-to-satisfy provisions for durability

Commission 9 DISSEMINATION OF KNOWLEDGE

Commission 10 *fib* Model Codes

***fib* YMG**