



**International Council  
for Research and Innovation  
in Building and Construction**

Wim Bakens, Secretary General





International Council  
for Research and Innovation  
in Building and Construction

we focus on:

Construction and Society

we support:

international cooperation in research and innovation  
for better buildings and a better built environment

we provide:

access to experts and information worldwide



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# Membership

- 500 organisations from over 100 countries
- research, universities, industry, government, ...
- open to everyone:
  - with an involvement in research and innovation for building and construction
  - with a sincere interest in international exchange and cooperation
  - without preconceptions against race, culture, religion or politics



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# Objectives

- to improve the performance of research and researchers through meeting, sharing and learning
- to make the world's knowledge accessible
- to promote research in contribution to industry development and societal growth



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# Operations

- expert commissions
- priority themes
- student chapters
- conferences, publications, encouraged journals
- contracts



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# Commissions

- **50 – 60 Expert Commissions**
  - 50 -100 experts per commission from all over the world exchange and cooperate on relevant topics
  - annual meetings, international conferences, voluntary international projects, publications



# Scientific Areas

- General
  - Research, education, innovation, regulations, industry, ...
- Technique
  - Building and Construction Technologies
  - Building Physics
- Design
  - Design of Buildings
  - Built Environment
- Process
  - Management, Organisation and Economics
  - Legal and Procurement Practices

CIB Task Groups and Working Commissions	Priority Themes				Areas of Scientific Interest							
	SC	CU	BE	EERB	GCR	BT		BRE			SP	
						BCT	BPh	DB	EE	HDE		LPP
T159 People in Construction												
T683 Disasters and the Built Environment												
T686 Energy and the Built Environment												
T688 Construction Mediation												
T689 Green Buildings and the Law												
T672 Public Private Partnership												
T673 R&D Programs in Construction												
T674 New Production and Business Models in Construction												
T675 Engineering Studies on Traditional Constructions												
T676 Recognising Innovation in Construction												
T677 Health and the Built Environment												
T678 Informality and Emergence in Construction												
T679 Building Regulations and Controls in the Face of Climate Change												
T680 Legal and Regulatory Aspects of BIM												
T681 Global Construction Data												
T682 Marketing in Construction												
W014 Fire												
W016 Timber Structures												
W023 Wall Structures												
W040 Heat and Moisture Transfer in Buildings												
W051 Acoustics												
W055 Construction Industry Economics												
W070 Smart Health Plans												
W072 Water Supply and Drainage												
W085 Organisation and Management of Construction												
W088 Housing Sociology												
W070 Facilities Management and Maintenance												
W078 Information Technology for Construction												
W080 Prediction of Service Life of Building Materials and Components												
W083 Restoring Materials and Systems												
W084 Building Comfortable Environments for All												
W086 Building Anthropology												
W089 Education in the Built Environment												
W092 Procurement Systems												
W096 Architectural Management												
W099 Intelligent and Responsive Buildings												
W099 Safety and Health in Construction												
W101 Spatial Planning and Infrastructure Development												
W102 Information and Knowledge Management in Building												
W104 Open Building Implementation												
W107 Construction in Developing Countries												
W108 Climate Change and the Built Environment												
W110 Informal Settlements and Affordable Housing												
W111 Usability of Workplaces												
W112 Culture in Construction												
W113 Law and Dispute Resolution												
W114 Earthquake Engineering and Buildings												
W115 Construction Materials Stewardship												
W116 Smart and Sustainable Built Environments												
W117 Performance Measurement in Construction												
W118 Clients and Users in Construction												
W119 Customised Industrial Construction												

  

Extend of Involvement of Task Groups and Working Commissions	Abbreviations of defined Themes and Areas	Areas of Scientific Interest
<p>Activities and Outcome of this Task Group or Working Commission may be of special importance to the respective Theme or Area</p> <p>Activities and Outcome of this Task Group or Working Commission in principle always are of special importance to the respective Theme or Area</p>	<p>Themes</p> <p>SC Sustainable Construction</p> <p>CU Clients and Users</p> <p>BE Building Construction</p> <p>EERB Integrated Design and Delivery Solutions</p>	<p>General Issues: Innovation, Regulation, Information, Education</p> <p>BUILDING TECHNIQUE</p> <p>Building and Construction Technologies</p> <p>Building Physics</p> <p>BUILDINGS AND THE BUILT ENVIRONMENT</p> <p>Design of Buildings</p> <p>Built Environment</p> <p>BUILDING PROCESS</p> <p>Management, Organisation and Economics</p> <p>Legal and Procurement Practices</p>



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## Priority Themes

- defined top-down and commitment-based
  - as opposed to the more bottom-up definition and operations of the commissions
- focus on the world's most relevant emerging topics
  - with an updating every three years
- prioritized in resources and communications
- priority themes in 2007-2010: SC, RC and IDDS
- 2010-2013: Construction and Society





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## IDDS and Commissions

- TG80 – Legal and Regulatory Aspects of BIM
- W078 – Information Technology for Construction
- W092 – Procurement Systems
- W096 – Architectural Management
- W102 – Information and Knowledge Management in Building



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In addition to facilitating experts to meet, exchange and collaborate, CIB provides access:

- to all potentially important knowledge and information
- on all aspects of building and construction, of buildings and the build environment and of the building and construction industry
- through publications and meetings and through individual experts and expert organisations
- via our commissions and via our members
- all over the world.



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**Thank you**

