



INTERNATIONAL COUNCIL FOR RESEARCH AND INNOVATION IN BUILDING AND CONSTRUCTION

INFORMATION

May 2005

Around the Task Groups and Working Commissions

TG60 – Critical Infrastructure Protection

Introducing the New Task Group

During its meeting in March 2005 in Madrid, Spain, the CIB Programme Committee established a new CIB Task Group TG60 - "Critical Infrastructure Protection". Prof. Matti Kokkala from VTT, Finland and Mr. Jack Bramwell from ABCB, Australia were appointed as the Joint Coordinators of TG60.

A News article introducing the Joint Coordinators is available from [here](#).

Scope and Objectives

This task group will focus on the technical, economic and policy issues of critical infrastructure protection within the built environment. It will take an "all-hazards" approach to the subject and therefore include protection from natural disasters and human error and terrorism.

The scope of this task group is limited by the definition of critical infrastructure. The focus is on built assets that are fundamental to the functioning of an economy or society. Further, preference will be given to collection and analysis of information that has general applicability rather than pertaining to a specific national programme.

The Objectives of the TG are to provide a broad based international forum for collaboration and furthering the knowledge base on key aspects of critical infrastructure protection such as:

- Hazard identification
- Risk assessment
- Prevention and mitigation measures

- Emergency management
- Terrorist attack on CIP
- Early warning of natural disasters
- Critical infrastructure interdependencies
- Concepts and definitions
- Compendium of planned, current and completed research
- Balancing CIP and civil liberties
- Codification of good design
- Economic evaluation of CIP
- Generic case for government intervention
- Generic business case for CIP
- Trusted information sharing networks

Work Programme

The Task Group will undertake the following activities:

- Fine tuning the work program to align with the interests of the members
- Collection of non-sensitive information on as many national CIP-BE strategies.
- Analysis of various national and major corporate approaches with the view of distilling out some general principles as well as unique alternative approaches.
- Methodologies for CIP-BE identification, risk assessment, mitigation, protection strategies, recovery and restoration.
- Exploring interdependencies of critical infrastructure
- Definitions and concepts will be compiled and some common definitions may be recommended.
- Building a database of related research, conferences, publications and research



organizations will be compiled in-line update, scan and search features.

- Show casing of international best practice case studies.
- Role for building standards and codification of good design.
- Setting the scope and goals for the next three year period.

Planned Output

In the first three year period, the task group will produce the following outputs:

- A TG website containing as much as possible of the work of the TG and with links to national and international CIP programs and related information
- A compendium of CIP definitions and concepts
- Various papers from TG members including the role of standards and codification of good design
- A searchable database of related research, conferences and publications
- An overview of some best practice examples
- The structure of an international state of the art report
- Two newsletters per year.

In the second three-year's period greater attention will be given to international collaboration on early warning systems and information sharing as well as the tasks identified by the network in the initial period. This may include economic evaluation of CIP measures and developing a generic business case for CIP. An international state of the art report will be published with recommendations for key projects including funding options.

External Relations

This TG will have a website with open access and the ability for members to populate and participate in discussions. Possible liaison with CIB W014 Fire, CIB Agenda 21 Sustainable Development, W108 Climate Change and the Built Environment, TG50 Tall Buildings, major CIP research programs and fora, such as NIST, CRIS, FEMA and EMA. Further external relations (possible partnership with other international associations on this topic, Journals on the topic, etc...) are to be developed by the TG.

Membership

Members of this task group must in principal be representatives of CIB Member Organizations or Individual CIB Members. However, as this will be new field of study, prospective members may be allowed to join the TG as "CIB Guest Members" for a limited period, after special consideration.

First Meeting

The first Task Group meeting will take place in conjunction with the SB05 conference (see www.sb05.com) on September 27-29 in Tokyo, Japan.

The second regular meeting of the TG is planned for 2006. TG60 will aim at having joint meetings or meetings in conjunction with other CIB commissions working on related issues in building design and Sustainable Development. The TG will present an overview of its activities and outputs at the Global Conference on Sustainable Building and Construction in 2008.

Additional Information

For additional information about CIB TG60 and its future meetings, please contact TG60 Coordinators: Prof. Matti Kokkala at Matti.Kokkala@vtt.fi Jack Bramwell at Jack.Bramwell@abcb.gov.au or send an e-mail to secretariat@cibworld.nl

You can find more information on the activities of CIB TG60 at www.cibworld.nl Search under Databases/CIB Commissions. Click on Commissions and type TG60 in the search field.