



Outcomes of Webex 3 – 27 March 2012

Two publications both on the topic of *R&D Investment and Impact on the International Construction Sector*.

- a shorter industry focused one for the CIB World Congress 2013 (5th-9th May, 2013. Brisbane) / 4 -10 pages
- followed by a more 'robust' academic style publication by September/December 2013 (??). Outlines to be prepared by early 2013

For the second publication an average of 15 pages per country would be ideal (2-3 pages per section).

A general structure to be followed by all chapters could be sections as shown in Chapter 5 (below). All contributors would have to agree on the basic concept definitions to maintain consistency throughout the publication.

The final proposed **outline** would be (underlined author is confirmed contact):

1. *Introduction* (Hampson and McCarthy) *To be confirmed*
2. *Understanding the construction sector* including: (Hampson and Kraatz)
 - a. Definitions – construction sector; R&D; R&D impact
 - b. Differentiate construction sector with respect to other sectors
3. *R&D in the construction sector* (Robinson, Hampson, Kraatz) *To be confirmed*
 - a. The political and social context
 - b. Nature of past investment
 - c. R&D processes and systems
 - d. R&D engagement
 - e. R&D Impact and measurement
4. *CIB Task Group* (Hampson, Robinson and Kraatz)
 - a. International Task group
 - b. Members of TG85 – Countries and contributing authors
5. *Australia* (Kraatz and Hampson) - accepted
 - a. The Australian context (2-3 pages)
 - b. Audit and analysis of investment 1990-2008 (3 pages)
 - c. R&D Impact & measurement (2 or 3 cases – at 2 pages each)
 - d. Project and Program Case studies
 - e. Roadmap for future investment

f. Lessons learned

6. *Canada* (Robinson) *To be confirmed*
7. *Denmark* (Haugbolle) *To be confirmed*
8. *Finland* (Nenonen, Airaksinen, Mikkonen, Lehtiranta) *To be confirmed*
9. *France* (Bougrain, Bourdeau) - accepted
10. *Ireland* (Thomas) - accepted
11. *India* (Kashikar) *To be confirmed*
12. *New Zealand* (BRANZ, Constructing Excellence NZ) *To be confirmed*
13. *People's Republic of China* (Shen, Dongping) *To be confirmed*
14. *Portugal* (Branco) *To be confirmed*
15. *South Africa* (Milford, Ngzowana) *To be confirmed*
16. *Sweden* (Kadefors, Broechner) - accepted
17. *The Netherlands* (Dewulf, Noordenhaven, Van Egmond-de Wilde de Ligny) *To be confirmed*
18. *UK* (Ward, Constructing Excellence UK, Peter Barrett) *To be confirmed*
19. *USA* (Sarah Slaughter, Bob Tatum, NIST, Shyam Sunder) *To be confirmed*
20. *Brazil* (Sao Paulo rep, CIB Board Member: Vahan Agopyan) *To be confirmed*
21. *Italy* (CIB board member: Roberto Vinci) *To be confirmed*
22. *Germany* (CIB board member: Thomas Morzeck)
23. *Spain* (To be confirmed)
24. *Japan* To be confirmed (CIB Board Member: Hiroshi Ito)
25. *Lessons Learned* (Hampson and Kraatz)
 - a. For Industry
 - b. For Funding Agencies
 - c. For Researchers/Research Organisations
26. *Conclusions*

Follow up actions

- Frédéric will make the first contact with Luc Bourdeau (ECTP secretary) regarding the France-Europe chapter and will be followed by an email from Keith
- Frédéric will coordinate the France-Europe Chapter and talk to other colleagues that might be interested in contributing to the chapter
- Keith will meet with CIB Board Members that might be interested from Brazil, Japan and Italy
- Keith will contact BRANZ, Constructing Excellence NZ, UK and US possibilities.

Meeting calendar

- Tuesday, 5th June 2012
- Tuesday, 7th August 2012

- Tuesday, 2nd October 2012
- Tuesday, 4th December 2012
- Tuesday, 5th February 2013
- Tuesday, 2nd April 2013
- Sun 5th – Thur 9th, May 2013 – CIB World Congress 2013, Brisbane