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
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, 2\textsuperscript{nd} October 2012
• Tuesday, 4\textsuperscript{th} December 2012
• Tuesday, 5\textsuperscript{th} February 2013
• Tuesday, 2\textsuperscript{nd} April 2013
• Sun 5\textsuperscript{th} – Thur 9\textsuperscript{th}, May 2013 – CIB World Congress 2013, Brisbane