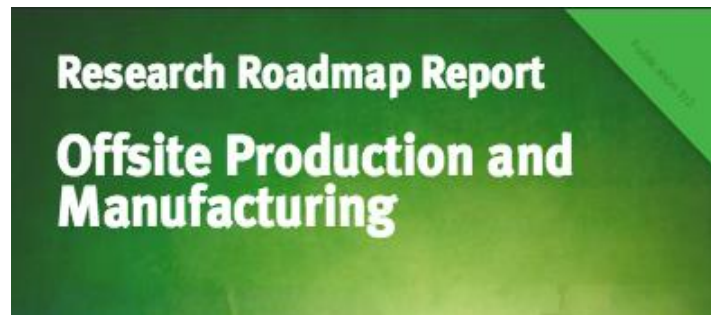




CIB W121 Offsite Construction New Working Commission



New Working Commission W121

The CIB Board established a New Working Commission W121

Coordinators

- Prof Dr Mohammed Arif, University of Salford, UK
- Prof Dr Jack Goulding, University of Central Lancashire, UK



Scope and Objectives

The precursor of this Commission CIB TG74 produced a Research Roadmap for Offsite Construction that emphasized the need for work in such areas as: Design / Construction / Manufacturing; with specific emphasis on ICT integrated solutions, socio-economic drivers, identifiable costs and value streams, including the need for skill development to support the concept of Offsite Construction.

One of the main challenges highlighted the need for integration – particularly in aspects relating to the Design, Construction and Manufacturing Industries, to enable process innovation in Offsite Construction, which will be the prime focus of the Commission in the 2016 - 2019 period.

Against this background, within the scope of the Commission the focus will be on: Process improvement, Innovation, Visualization, Process models, Strategic and operational business models, Training and development.

Work Programme

Main program objectives for the period 2016 - 2019 are:

- to establish a community of researchers and practitioners and in particular to promote CIB's work in this area with early career researchers and doctoral students;
- to organize a series of developmental (sessions within) conferences, to run special issues in leading international journals and to organize a series of designated CIB Innovation Webinars;
- to develop a research strategy to address theories relating to process innovation for Offsite Construction and to develop a Research Roadmap addressing strategies, theories and promoting quick wins.

Deliverables

- 2016 - 2018: one or two annual CIB Innovation Webinars
- 2017: planning of designated sessions in future conferences
- 2017 - 2018: one annual special journal issue
- 2018: host one or two high impact workshops
- 2019: publication of a Research Roadmap on Offsite Construction Process Innovation, with a launch at the 21st CIB World Building Congress

Internal Structure

The work of this Commission is facilitated by its Scientific Officer: Dr Farzad Pour Rahimian, University of Central Lancashire, UK

Membership

Members of the Commission are appointed representatives of CIB Member Organisations or Individual CIB Members.

Status

This Commission was established in October 2015 as successor to the former Task Group TG74 - New Production and Business Models in Construction.



Personal Statement Coordinators

This new Working Commission provides a bespoke developmental platform for shaping future research in offsite construction. TG74 provided the foundations for this remit, highlighting the need for new business models, process integration, design decisions (esp. DfMA), stakeholder and supply chain synergies etc. Acknowledging this, and given the growing importance of offsite construction, this Working Commission will purposefully focus on high impact, high value issues – especially the efficiencies and challenges associated with its implementation. W121 will critically explore and examine these issues throughout its tenure, acting as a beacon for researchers and practitioners to come together and share their experiences and knowledge on offsite implementation. It will also act as formal conduit for promoting offsite as an important research area among new and early career researchers. Knowledge creation, exchange and dissemination will concentrate explicitly on impact and outreach – the pervasiveness of which will focus on: research, practice, policy/ regulatory bodies, including societal stakeholders. We openly welcome you all to join us on the next stage of this journey.

Contact information W121 Coordinators

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