

Appendix E - The Australian Construction Industry, Vision 2020

The Cooperative Research Centre (CRC) for Construction Innovation is a national research, development and implementation centre focused on the needs of the property, design, construction and facility management sectors⁸.

Established in 2001 and headquartered at Queensland University of Technology as an unincorporated joint venture under the Australian Government's Cooperative Research Program, Construction Innovation is developing key technologies, tools and management systems to improve the effectiveness of the Australian construction industry.

Underpinning Construction Innovation is the most significant commitment ever made to construction research in Australia: a seven year \$14M Commonwealth grant and \$53M in industry, research and other government funding. More than 350 individuals are participating, and an impressive alliance of 27 leading partner organisations are involved in and support the activities of Construction Innovation.

The CRC mission is to:

“Deliver tools, technologies and management systems that will improve the long term effectiveness, competitiveness and dynamics of a viable construction industry in the Australian and international contexts. This will be achieved through greater innovation in business processes, strengthened human relations and ethical practices, and more effective interactions between industry and its clients.”

CRC facilitated the development of the vision document ‘*Construction 2020*’, beginning with a series of workshops held between November 2003 and February 2004 in every capital city in Australia. It sought the views of industry leaders and members on the direction and challenges facing the Australian property and construction industry. Questionnaire and workshop discussions asked respondents to consider a timeframe beyond the five to ten years covered in previous reports and to extend their vision to the year 2020. In doing this, the intent was to reduce the psychological constraints of the present and facilitate the creation of longer term ambitions for the industry. The approach taken in development of the vision is illustrated in the following diagram:

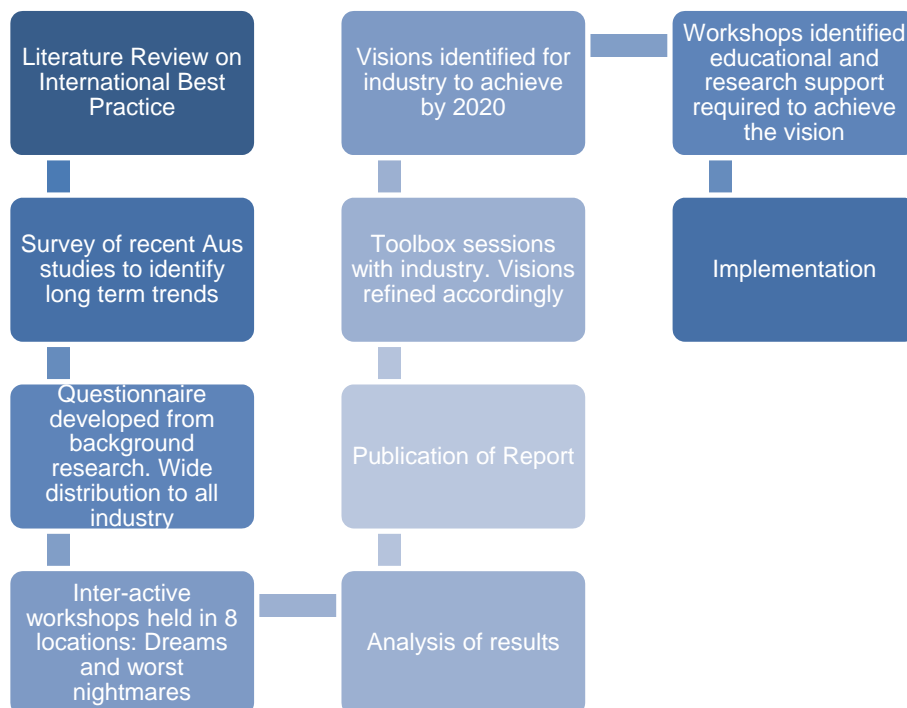


Figure 3: The CRC Methodology

Source: CRC Construction Innovation Vision 2020⁸

The vision itself consists of eight vision statements, which are summarised in the diagram below. Each vision statement is provided with discussion and analysis, and incorporates useful summaries of:

- Why the vision?
- Current state of the industry against the vision statement.
- Roadmap to achieve the vision.
- Identification of barriers.
- Summary of progress.

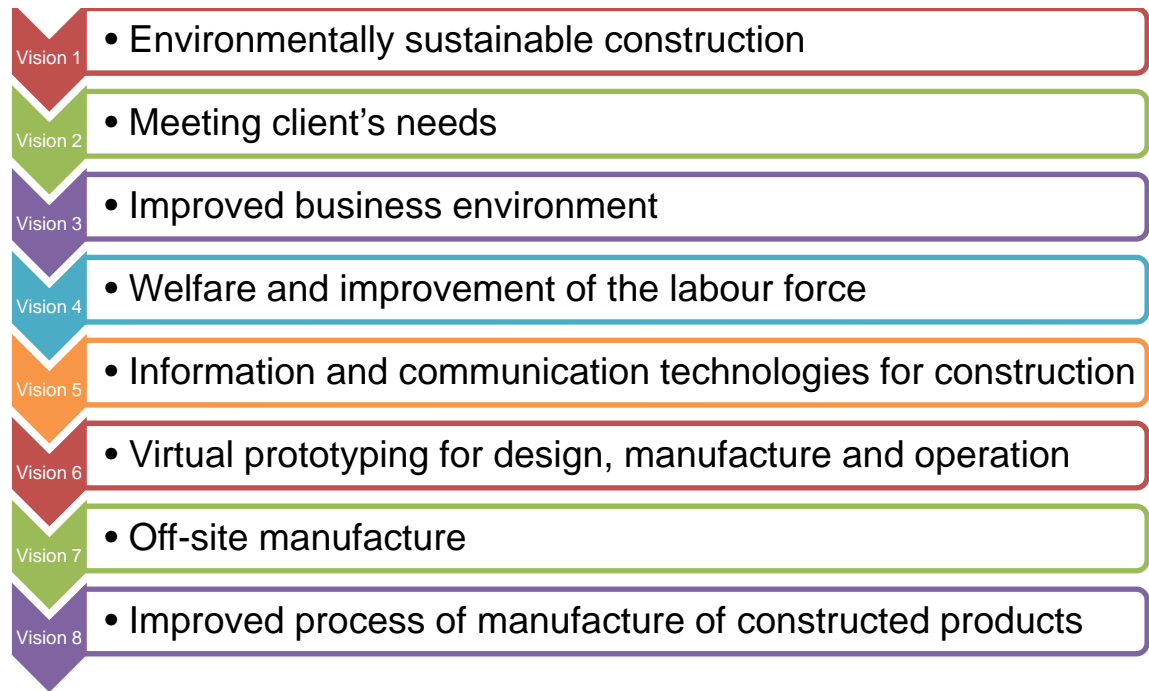


Figure 4: The Australian Construction Industry Vision Statements

Source: CRC Construction Innovation Vision 2020⁷

In summary the Construction 2020 initiative:

- Captures the visions towards which the Australian property and construction industry is striving to achieve sustainable world best practice.
- Identifies the barriers to achieving the visions.
- Identifies how education and applied research can be applied to achieve the vision.