



# Professor Keith Hampson

## *Professional profile*

Professor Keith Hampson is an energetic executive leader with more than 40 years of industry, government and research leadership, and international experience and scholarship. His expertise and leadership strengths have been honed operating in complex multidisciplinary environments in planning, design, construction and maintenance. From leading university teaching, industry and government teams, to initiating, leading and building national and international collaborations in research, technology diffusion and commercialisation, Keith is committed to building a more internationally competitive Australia by promoting access to better education, technology and innovative practices.

For 25 years, Keith has consistently been at the helm of leading translational research for a traditionally non-research focused industry – the built environment industry – creating organisations that have been successfully delivering value for industry and driving cultural change that captures the value of academics working at the interface of industry.

Throughout his career, he has led industry-focused research teams that have successfully secured approximately A\$70 million in competitive and industry R&D funding.

## **Education/qualifications**

Bachelor of Civil Engineering (Hons) Queensland University of Technology (QUT) (1981)

Master of Business Administration (MBA), Business, QUT (1990)

PhD in Construction Engineering and Management, Stanford University (1994)

Local Government Engineers Certificate of Competency as Engineer to Local Authorities

## **Professional recognitions and Board memberships**

President, International Council for Research and Innovation in Building and Construction (CIB) (since June 2019)

Elected Fellow, Australian Academy of Technology and Engineering (FTSE)

Fellow, Institution of Engineers Australia (FIEAust)

Fellow, Australian Institute of Company Directors (FAICD)

Fellow, Australian Institute of Management (FAIM)

Member, Urban Development Institute of Australia

Life Member, Stanford University Alumni Association

## **Key appointments**

### **President, International Council for Research and Innovation in Building and Construction (CIB)**

(since June 2019) (Vice-President 2016-19)

Keith has championed the creation of a new Chapter within the CIB to facilitate global collaboration between research students and early career researchers, establishing a collegial network of disciplinary support and mentorship. Keith has established a perpetual CIB industry award to support early career researchers globally.

CIB is the world's foremost platform for international cooperation and information exchange related to research and innovation for building and construction. It has a worldwide network of experts from member organisations across 100 countries with a research, university, industry or government background, who cooperate and exchange information in 50 targeted commissions across the built environment.

### **Chief Executive Officer Sustainable Built Environment National Research Centre (SBEnc), Australia** (since 2010)

In 2010, the Cooperative Research Centre for Construction Innovation (CRCci) transformed into the industry-funded SBEnc, headquartered at Curtin University, Western Australia.

Keith led both the bid team and the CRCci since its establishment in 1999. From 2010, the CRCci transitioned into the SBEnc – representing one of only a few long-serving national innovation networks beyond the cessation of Australian Government CRC funding. Previous government ministers have lauded the value of the SBEnc's independent industry track history, with its ongoing focus and industry-research collaboration.

Member, WA Port Operations Task Force (WAPOTF) (since 2014)

Board Member, PATREC (Planning and Transport Research Centre) (2016-19)

Member, CQ (Construction Queensland) Leadership Council Reference Group (2013-16)

Council Member, QTLC (Queensland Transport and Logistics Council) and Chair, Infrastructure and Planning Working Group (2011-16)

### **Major awards/honours**

Visiting Professor, RMIT University, Melbourne (appointed 2022)

Visiting Professor, Queensland University of Technology, Brisbane (2013-20)

Adjunct Professor, Griffith University, Brisbane (2017-current)

Jubilee Visiting Professor in Architecture and Engineering, Chalmers University, Sweden (one of four annual visiting awards (2018-2022)

Ashley Goldsworthy Award for Sustained Collaboration in Business and Education – Business Higher Education Round Table (2016)

CIB Best Research Coordinator TG90 Information Integration in Construction (CIB) (2016)

CIB Best Task Group Award TG85 Research Investment and Impact (CIB) (2013)

Curtin University Research Excellence Award, Research Impact and Engagement (2016)

The vision for the SBEnrc is to be a world-class research and knowledge broker in sustainable infrastructure and building design, construction and management to enhance the performance of the built environment industry. The Centre builds on the history of achievement of the CRCci and leverages its national achievements into an active international applied research organisation.

### **Chief Executive Officer and Professor**

#### **CRC for Construction Innovation (CRCci) (2001-2009)**

In 2001, Keith was appointed CEO of the CRCci, with responsibility for crafting a blend of commercial and public-good outcomes on behalf of 28 industry, government and research partners nationally. The Australian Government's A\$16 million commitment over nine years was the largest single investment in construction R&D in Australia's history, complementing industry partners' commitment. The CRC comprised 400 people from across participant organisations nationally, and fundamentally changed the way Australia's building and construction industry operates. The Centre brought together a diverse and powerful group of industry, government and research partners across Australia and internationally, integrating efforts of leading global research groups throughout Europe, North America and Asia-Pacific.

#### **CSIRO Associate Professor of Construction Management, QUT (1997-2000)**

Keith held leadership responsibilities for the Construction Research Alliance (CRA) in Process Reengineering. He facilitated formal agreement on this first national research alliance in 1998, following four years of collaboration between QUT and CSIRO Building, Construction and Engineering. The CRA was successful in securing funded industry research projects and developing key national and international research collaborations.

#### **Senior Lecturer, Construction Management and Property, QUT (1989-1996)**

Keith joined the School of Construction Management and Property in 1989 following a period of part-time lecturing in the School of Civil Engineering. As Course Coordinator of the Master of Project Management program, he led responsibility for refocusing the curriculum to ensure stronger industry and international relevance. The postgraduate programs delivered in Australia and internationally prospered under his leadership – from quality, growth and financial perspectives.

Keith also led the development of a series of technology management case studies that formed the basis of nationally acclaimed teaching packages for project managers during 1995-98, strengthening the link and mutual respect between academics and business leaders.

### **Professional and scholarly leadership and service**

Professor Hampson has a record of active and influential membership in professional bodies; has earned the respect of his industry peers; contributed to education and leadership in the wider community; and provided important consulting and other professional services.

Keith's leadership has resulted in national collaborative research projects that have increased industry skills, leading to improved sustainability and productivity, reduced costs and increased safety. He not only serves as the SBEnrc's CEO, but also leads some research projects. Significant examples include: (a) several consecutive SBEnrc projects led by Keith since 2011 have resulted in an influential book *Delivering Value with BIM: A Whole-of-life Approach*; (b) the development and uptake of the on-line decision-support system 'BIM Value'; an interactive tool that improves understanding across the supply chain of the value and benefits of using BIM and the rollout of safety training based on SBEnrc Construction Site Safety Projects (developed in collaboration with Engineers Australia) which have seen more than 16,000 construction workers undertake the training. This innovative training program also contributed to the Western Australian Legislative Assembly's report *The Impact of FIFO Work Practices on Mental Health*.

In 2018, Keith was elected a Fellow of the **Australian Academy of Technology and Engineering (ATSE)** for his award-winning collaborations translating research into practice in the construction industry. ATSE is one of only four Learned Academies in Australia. ATSE brings together the nation's leading experts in applied science, technology and engineering to provide impartial, practical and evidence-based advice on how to achieve sustainable solutions and advance prosperity. The Academy has just 900 Fellows elected by peers.

In 2003, in acknowledgement of his senior national role as CEO of the Australian CRCci, Keith was welcomed to the **Australian Institute of Company Directors (AICD)** as a Fellow. He built and maintained strong corporate governance practice in the CRC and continues to do so with its successor, the SBEnrc. He has established a reputation for successfully blending technical and management skills in Australia's key construction R&D organisation interfacing with national and international leaders across business, government and university sectors.

### **Education and skills-development in industry and the wider community**

For 25 years, Professor Hampson has been the public face of Australia's Construction Research Alliance, the CRCci and the SBEnrc, leading presentations to the professions and academies throughout Australia and internationally. His leadership role has received acclaim as being a significant step towards changing the culture of the construction sector in improved education, understanding and uptake of advanced technologies, and building valuable new collaborations between industry, government and researchers.

Keith has been most active in promoting innovative practices to the property, design, construction and facility management industry, following his return to Australia on completion of his Stanford University PhD, which focused on innovation processes in transport infrastructure. Throughout 1998-2000, as team leader on the path-breaking National Museum Research Project, Keith was responsible for a series of research dissemination seminars in Brisbane, Sydney, Melbourne and Canberra to promote the results of the research project to academic, professional and industry colleagues. Audiences numbering almost 1,000 in total attended these sessions.

### **Consulting activities and other professional involvement**

He is regularly invited to provide keynote presentations to industry, academic conferences and research review panels worldwide. He contributes to debate on the impact of research in industry, such as at the Committee for Economic Development of Australia, the Australian Construction Industry Forum, Australian Institute of Architects and the Facility Management Association of Australia. Keith also serves on national research investment panels, including the New Zealand Building Better Homes, Towns and Cities Challenge Assessment Panel].

He has been Chief Investigator on seven ARC Linkage Projects, an Australian Greenhouse Office project and a two-year case study of advanced ICT and project alliancing for the National Museum of Australia.

Of global significance, Keith facilitated the Implementing Sydney Opera House BIM in FM Exemplar Project. This project was awarded the singular Project of the Year Award for the 2007 ACEA (now Consult Australia) Awards for Excellence. It served as a global exemplar for the use of Building Information Modelling as a tool for strategic and operational management of an existing facility.