



EXCELLENCE IN
CONCRETE
**AWARDS
2017**

Concrete Institute of Australia 2017 Awards for Excellence in Concrete

ENTRY GUIDELINES & CONDITIONS

CONCRETE INSTITUTE 
of AUSTRALIA

2017 ENTRIES ARE NOW INVITED

All entries must be finalised by 31 March 2017.

This document describes the entry requirements, rules and conditions and must be read by all entrants.

For enquiries or guidance with this process, contact the Institute's Manager – Professional Development Services by email education@concreteinstitute.com.au or by telephone on 02 9955 1744.

Entries can be submitted now. Our website allows partial submissions with the facility to add more detail subsequently.
>>> All entry submissions must be finalised by 31 March 2017.

2017 AWARDS PROGRAM | CALL FOR ENTRIES

The Concrete Institute of Australia is pleased to announce that entries for the 2017 Awards for Excellence in Concrete program are now invited. Established in 1971, the Awards for Excellence in Concrete recognise and publicise the many significant contributions to excellence in concrete design, construction and materials in Australia.

Concrete related projects, technologies and innovations are all eligible to receive an award. The Institute's Awards program caters for both large and small projects, as well as large and small organisations. Entries will be judged separately in distinct categories.

ENTRY CATEGORIES

There are six entry categories.

1. **Residential buildings:** single dwellings or multi-story dwellings used for residential purposes only (up to eleven stories).
2. **Commercial buildings:** offices, industrial buildings, institutional buildings, large residential complexes, or combinations of these.
3. **Infrastructure projects:** buildings such as (but not limited to) schools, hospitals etc, and engineering infrastructure projects such as (but not limited to) bridges, roads, wharfs, water resources etc.
4. **Repairs & rehabilitation:** for both buildings and infrastructure.
5. **Sustainability & Environment:** separate category specifically to recognise advances in the environmentally sustainable use of concrete. This can include buildings and infrastructure as well as technology and innovation. Entries submitted under other categories may also be entered under this category.
6. **Technology & Innovation:** includes significant contributions to the understanding or use of concrete as evidenced by research, technical publications, patent applications, new products or pieces of equipment, new techniques, design innovations, or educational activity.

Note: International is no longer a separate entry category. However, international entries under any of the above categories will be accepted, provided that they demonstrate significant Australian content such as in design, materials, construction or research.



AWARDS GRANTED

Awards are granted at two levels:

1. **State Awards:** Residential and Commercial buildings, Infrastructure projects and Repairs and rehabilitation are judged in groups based on the state in which they are completed, and winners will be awarded with an Award for Excellence in Concrete. Winners will receive a framed Award certificate. More than one award may be granted in each category. These awards will be presented at Institute Branch Awards functions held in August-September 2017.
2. **National Awards:** winners of Awards for Excellence from each state will be judged in their separate categories for an overall category winner. The winner will receive a Medallion for Excellence in Concrete and an accompanying certificate. Note, Technology and Innovation entries and Sustainability and Environment entries will ONLY be judged and awarded at the National level. From those entries receiving a Medallion for Excellence in Concrete, one will be judged to receive the Kevin Cavanagh Trophy for Excellence in Concrete and an accompanying certificate. National awards will be presented at the Institute's 2017 Conference Dinner on 24 October 2017.

PUBLICITY

All entries and winners will be included in the Concrete Institute's 2017 Awards for Excellence Commemorative Booklet which will be handed out at the conclusion of the 2017 Conference Dinner presentations on 24 October 2017. All entrants will subsequently be provided with additional copies.

All entries will be displayed on A3 sized posters at the state and national awards events and these posters will also be displayed for its duration at the 2017 Conference. All entries and winners will be showcased on the Institute's website following the 2017 Conference. The Institute may also further publicise winners of awards in its magazine Concrete in Australia and in international journals of allied industry organisations.



The Jubilee Bridge Replacement – GHD Cairns, Cassowary Coast Regional Council (CCRC), awarded for excellence, 2013 (left); MONA Museum – Hobart, Tasmania, Award for Excellence winner 2011 (above).

ENTRY PROCESS AND ENTRY FEES

All entries for the Institute's Awards program must be made by a submission through the Institute's website: www.concreteinstitute.com.au/Awards. A separate submission is to be made for each entry.

The website entry process provides for all information which is required for the judges to assess each entry, including the entrant's contact details, the entry description, specific information related to the various judging criteria, and supporting information and photographs which can be uploaded.

The process also allows for the entrant to return to the application to add more detail or to make changes, provided these are done by the closing date which is 31 March 2017.

An entry fee must be paid for each entry submission. Fees are to be paid in full by the closing date, 31 March 2017. Concrete Institute of Australia Members receive a discounted fee as shown in the following table.

	Institute Member Fee (GST inclusive)	Non-Member Fee (GST inclusive)
Entry Fee per category (incl. one ticket to local State Awards Event)	\$550	\$715

MATERIAL TO BE SUBMITTED

All entries must be submitted in electronic format through the Institute's website: www.concreteinstitute.com.au/Awards. This portal includes the entry form, entry information, and supporting documentation which can be uploaded. No other format will be accepted.

The entry process consists of three steps. It also provides for partial completion of an entry with a facility to return later to complete the entry. To be eligible, all entry submissions must be completed by **31 March 2017**.

Step 1: Entry form

- Entry category.
- Name and contact details of the person making this submission.
- Entry title.
- Name of the entrant: party or joint parties who are to be named as the entrant. The entrant may be any or all of the parties involved with the entry (some examples are owner, client, designer, builder, specialist concrete contractor and concrete supplier). The person making the entry may be the entrant. If the entry wins an award, the award will be granted to each party named as the entrant.
- Date of substantial completion.
- Substantial completion means:
 - For residential buildings, commercial buildings, infrastructure projects, repairs and rehabilitation, and environmental and sustainability projects, that all works are complete apart from minor finishing items such as some painting, signage and such; that all scaffolding, cranes and construction equipment have been removed from the site, and that the project is about ready for handover to the client.
 - for a technology entry, that a product or piece of equipment has been made and is ready for sale in the marketplace, or that a research project, publication or

NOTE

- The Institute's website is now open to receive entry submissions
- The closing date for all submissions is **31 March 2017**
- Entry fees must be paid by 31 March 2017
- A separate entry fee is required for each submission.



*Australian Age of Dinosaurs Museum
– Cox Rayner Architects, winner of the
Kevin Cavanagh medal, 2013*



Glebe House – Partridge and Nobbs Radford Architects awarded for excellence, 2015

educational material has been written and is about to be printed or published without alteration.

Step 2: Submission content – mandatory

- For residential buildings, commercial buildings, and infrastructure projects, a statement of the approximate value of the project within three broad ranges is to be provided. This is to enable equity in judging by grouping like entries. Awards are not granted within different value ranges.
- A 250 word summary (maximum) detailing how the entry demonstrates excellence in the use of concrete or how it significantly contributes to increasing the application, knowledge and understanding of concrete.
- There are specific judging criteria for each entry category. These are displayed in this step of the submission. Each criterion allows for input of a maximum of 150 words to detail how the concrete aspects of the entry meet the criterion. Information provided for each criterion shown must focus on the concrete aspects of the entry. Any other aspects included may not be considered during judging.
- Each entry must be supported with a minimum of five high quality photographs (minimum 768 × 1024 pixels).

Step 3: Supplementary information – optional

- Entrants may choose to include additional information with their submission which the judges may use if they require further details, or choose to do so.
- Provision is made for additional information with a maximum of 1,000 words.
- Provision is also made for uploading up to a maximum of three supportive documents. These can be various file types such as JPEG, PDF, WORD and EXCEL documents, each with a maximum size of 2MB.



1 Bligh Street, Sydney – Enstruct Group, winner of the Sustainability medal, 2013



JUDGING

All entries for this Awards program will be judged by a panel consisting of:

- An independent group of judges selected for their expertise in concrete and representing engineering design, architectural design, construction, materials and academia, and
- The National President of the Concrete Institute of Australia.

Judges will only consider attributes related to concrete as described in the entry submission. Judges will focus primarily on the information provided in Step 2 of the submission. They may choose to also refer to the Supplementary Information provided, but are not bound to do so.

The judges' decision is final and may not be appealed.

The judging criteria are detailed and explained at the end of this document.



Hunter Expressway – Hunter Expressway Alliance, awarded for excellence, 2015



UQ Oral Health Centre – Cox Rayner Architects, awarded for excellence, 2015



Ichthys LNG project – WA, Award for Excellence Winner 2015

Rules and Conditions of Entry

- Each entry must be submitted through the Institute's website.
- Each entry must be accompanied by an entry fee.
- Entry submissions must be finalised by 31 March 2017.
- Each entry must state that it has reached substantial completion within the period July 2015 and June 2017.
- For residential buildings, commercial buildings, and infrastructure projects, a statement of the approximate value of the project within three broad categories must be provided.
- Each entry must submit a 250 word summary focussed on how excellence in concrete is demonstrated for project entries or how the entry significantly contributes to the advancement of application, knowledge and understanding in concrete for other entries.
- Entries submitted for previous Institute Awards programs may not be simply resubmitted. However, where a previous entry has been further developed (such as a new stage of a project or a new version of a technology) it may be submitted.
- Entrants must agree for information submitted to be used for posters, slides, booklet, and Concrete Institute's magazine and international journals/societies. Entrants must assign copyright for such use of all entry materials to the Institute.
- The Institute has sole discretion as to whether an entry complies.
- The Institute reserves the right to: vary method of presentations; postpone or cancel the Awards for Excellence program for any reason; refuse to accept an entry not in best interests of the Awards program or the mission of the Institute; supplement the pool of entries with other entries; present other forms of citation to non-award winners.
- Each of the specific judging criteria shown on the entry form should focus on the concrete aspects of the entry (aspects such as architectural design, aesthetics, HVAC not related to the use of concrete may not be considered in judging).
- It is essential that entries concentrate on 'excellence' in the use of concrete or the contribution of the entry to significantly increasing knowledge and understanding in concrete.
- Entrants are directed to read the 'Help' notes on the website entry form and are assumed to have done so.
- Judges' evaluations are based primarily on the information provided in the 'criteria'. They may also consider supplementary information provided, but not bound to do so.
- Judges are not restricted in seeking additional information about any entry from whichever sources they may wish.

JUDGING CRITERIA

For the following categories – residential buildings, commercial buildings, infrastructure projects:

Criterion	Explanation
Design	Does the entry describe attributes such as how concrete has been used to achieve a superior design solution, whether it contributes to new or improved design methods and processes, to achieve outstanding aesthetics in terms of appearance and relationship to the project's environment, and whether the detailing of the concrete elements demonstrates above average standards or improvements on existing practices.
Construction & construction practices	Did the entry provide evidence of high quality or new and improved construction techniques and practices? Factors to consider include formwork, control of reinforcement placement and cover, concrete placing compaction finishing and curing, and above average attention to practices achieving high quality and durable surface finishes. Other relevant aspects include technologies and practices which led to notable cost or time efficiencies, minimising impact on the project's environment, and whether new or improved practices have been used to achieve the required design and project outcomes – in relation to the concrete elements.
Materials & concrete technology	How has this entry excelled in or made advances in concrete materials design to achieve the required outcomes, or choice or use of concrete component materials, and responsible sourcing of these materials.
Durability & weathering	In relation to the concrete, do the specification, design, detailing and construction practices demonstrate appropriate or superior consideration of the exposure and environmental conditions for the project? Where durability consideration is important, does this entry provide advances in concrete's performance?
Novelty & innovation	Does this entry demonstrate any new or ground-breaking design, technologies or practices in relation to the concrete elements? How has the work managed technical risk on the project, and were any steps taken to systematically investigate such risks? Have there been any innovations on this project in relation to design, construction or materials which would be considered to be above normal industry standards or what would normally be done for such projects?
Research & publications	Has there been any documented research or reporting of innovations on this project, considering design, construction, materials or other? Provide references if so.
Excellence	Are there any aspects which demonstrate how this entry achieves "excellence" in concrete? Aspects which may not be covered by the criteria above can be scored here. Does this project incorporate high standards of sustainable design, materials or construction?
Significant Australian content (international projects)	Relevant information will be the Australian content of design, materials or construction for the entry project.

For the category Repair and Rehabilitation:

Criterion	Explanation
Uniqueness & innovation	Does this entry demonstrate any new or ground-breaking repair or rehabilitation materials, technologies or practices in relation to the repair of the concrete?
Construction & application	Did the entry provide evidence of high quality or new and improved repair techniques and practices in construction and application? Other relevant aspects include technologies and practices which led to notable cost or time efficiencies, minimising impact on the project's environment, and whether new or improved practices have been used to achieve the required project outcomes – in relation to the concrete.
Materials technology	How has this entry excelled in or made advances in the materials designed and applied to achieve the required repair and rehabilitation outcomes, or choice or use of materials, and responsible sourcing of these materials to achieve the desired result.
Durability & extension of design & service life	In relation to the concrete structure that has been repaired or rehabilitated, does this entry provide advances in concrete's performance with relation to durability and/or its design/service life?
Functionality	Does the entry achieve the required solution, whether it contributes to an improved functionality of the structure or element in terms of design and service capability, achieves outstanding aesthetics, adds value engineering through improved durability and design/service life.
Research & publications	Has there been any documented research or reporting of innovations on this project, considering design, application, materials or other? Provide references if so.
Excellence	Are there any aspects which demonstrate how this entry achieves "excellence" in concrete? Aspects which may not be covered by the criteria above can be scored here. Does this project incorporate high standards of sustainable design, materials or construction?
Significant Australian content (international projects)	Relevant information will be the Australian content of design, application, or materials for the entry project.



The National Portrait Gallery, Canberra ACT, Johnson Pilton Walker, winner of the Kevin Cavanagh Medal in 2009 (left); South Road Superway – Wood Marsh Architecture (Urban Design); Tract (Landscape), awarded for excellence, 2015 (centre); Geelong Library and Heritage Centre – Irwinconsult and ARM Architecture, awarded for excellence, 2015 (right)

For the category Environment & Sustainability:

Criterion	Explanation
Management & Governance	Includes management systems, procurement & purchasing, and climate change adaptation in relation to the concrete aspects only.
Economic Performance, including Economic Life and Durability	In terms of the use and application of concrete, how does this entry enhance economic performance considering initial costs and operating costs, as well as durability and economic life of the entry? HVAC performance is only relevant where this have been achieved because of the use of the concrete.
Resources includes Energy, Transport, Water, and Materials	In relation to the concrete aspects, consider all aspects of resources sourcing, use and transport and can include replacement, recycling, and end-of-life reuse.
Emissions, Pollution & Waste	How has the use of concrete led to improved performance in terms of emissions? Has the use of concrete led to an overall reduction in embodied energy in the project or application?
People, Place, Workforce & Ecology	Does the entry describe how the use of concrete has led to improved sustainability for these criteria?
Improved knowledge	Does the entry provide for advances in knowledge, or the transfer of knowledge in relation to concrete?
Research and Publications	Has there been any referenced documented research or reporting regarding sustainable use of concrete for this entry?
Novelty & Innovation	Does this entry demonstrate any new or ground-breaking outcomes regarding the sustainable use of concrete?
How did this Project Address the Sustainable Use of Concrete?	Summarise the key aspects about how this entry demonstrates a high level of the sustainable use of concrete, or significant advances in the sustainable use of concrete.

For the category Technology & Innovation:

Criterion	Explanation
Materials & Concrete Technology	Does this entry make advances in concrete materials design to achieve improved outcomes? Does it improve concrete component materials or offer useful new materials? Does it assist in better and responsible sourcing of component materials?
Design Processes, Construction & Construction Practices	Does the entry provide improved or new design processes which can lead to greater efficiencies or improved quality and performance of concrete buildings and structures? Does it provide for improved or more efficient construction, or practices which improve construction quality, or performance and durability of concrete?
Quality and Performance	Overall, does this entry offer ways of improving performance and quality of concrete and concrete buildings or structures?
Economic Value	Does this entry offer the potential for significant value in terms of cost, construction times, or safety in the construction of concrete buildings or structures? Cost savings should be substantiated.
Improved knowledge	Does this entry provide for advances in knowledge, or the transfer of knowledge in relation to concrete?
Research and Publications	Has there been any referenced documented research or reporting of innovations on the subject of this entry?
Novelty & Innovation	Does this entry demonstrate any new or ground-breaking outcomes? These could relate to design, technologies, construction methods or practices in relation to concrete and concrete construction.
Excellence	Are there any aspects which demonstrate how this entry achieves “excellence” in relation to concrete? Aspects not covered in the criteria above.