

# International Design Challenge

## An international competition to design the cities of the future

### What is the Design Challenge?

**A competition where cities compete to design the most sustainable and liveable city.**

In the International Design Challenge, participants learn in site visits, workshops and discussions sessions with experts and multidisciplinary teams to address sustainability issues.

Participants establish networks for collaboration and gain understanding of systems integration, for instance, water and energy systems in the city, to maximise efficiency and liveability outcomes.

### Who can participate?

**Participants include different stakeholders including citizens, policy makers, water specialists, architects, planners, engineers, designers.**

### What are the benefits of a Design Challenge?

- Improve cooperation between disciplines and stakeholders to solve sustainability issues.
- Create an environment of competition and benchmarking between cities to accelerate achieving more sustainable places.
- Facilitate inter-city collaboration to progress faster and efficiently in solving world-wide issues.



Participants say:

“I am impressed at how much I have learned from my team and from other teams.”

“We have learned a lot as a team, I wasn't aware of many challenges and opportunities. After participating in the International Design Challenge I feel we have more elements to deliver better services to the community.”



### Unique opportunity to:

- **Build applied knowledge.** Participants use critical thinking around a key issue influencing city design and management.
- **Unlock ideas.** Participants get the chance to apply systems thinking to understand problems in the city and discuss the feasibility of their ideas with team members, mentors and industry experts.
- **Test and refine ideas.** Use tools for analysis of city design and decision support tools to facilitate dialogue and negotiation. Access 40 hours of Continuing Professional Development, including knowledge and use of Cooperative Research Centre for Water Sensitive Cities analysis tools.
- **Take ideas to the next level.** Leverage the expertise and understanding of different fields and stakeholders to solve real-life problems related to sustainability, urban growth, water and energy demand, resource efficiency and liveability.

### History

The International Design Challenge builds on the Sustainable Cities Design Challenge (SCDC). The SCDC has been convened several times at The University of Queensland by an experienced team led by Professor Steven Kenway with collaboration of Professor Steve Conrad (Colorado State University).

The SCDC has proven highly popular with students. The SCDC or its component resources have been adopted into multiple courses at UQ. It has also been taken up in Belgium, Poland, Spain, The United States, and Canada.

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### For further details contact:

Professor Steven Kenway  
Australian Centre for Water and Environmental Biotechnology  
The University of Queensland  
s.kenway@uq.edu.au  
+61(0) 419 979 468  
[researchers.uq.edu.au/researcher/2197](https://researchers.uq.edu.au/researcher/2197)



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