



AUSTRALIAN STEEL INSTITUTE

MEDIA RELEASE

23/11/2022

Allianz Stadium named most innovative steel design for large projects at industry awards night

The new state-of-the-art Allianz Stadium in Sydney has been named Australia's most innovative steel design for large projects at the biennial Australian Steel Institute (ASI) Australian Steel Excellence Awards.

The gala awards at Doltone House in Sydney saw 26 state and territory winners (from an initial field of 85) vie for national honours in six categories:

- Buildings (Large Projects)
- Buildings (Small Projects)
- Innovative Cold Form Steel Building
- Steel Clad Structures
- Engineering Projects
- Young Designer/Detailer/Tradesperson.

In his address to last night's (Nov 22) awards dinner, ASI chief executive Mark Cain said the awards recognise innovative collaboration by architects, structural engineers, building contractors, steel fabricators and steel detailers using steel as the primary building product.

Allianz Stadium was named the 2022 winner in the Buildings (Large Projects) category. Submitted by consulting engineers Aurecon, the \$874m sports arena was recognised for its clever use of steel engineering. Aurecon said 85% of the modular steel work for the stadium roof was put together on the pitch and lifted into position, minimising time at heights and enhancing safety. The award recognised effective collaboration and teamwork between Aurecon, construction partner John Holland, **manufacturer BlueScope** and the steel supply chain.

Memorial Drive Tennis Centre's sunken show court roof was named the Buildings (Small Projects) category winner. Submitted by WGA/Stevens Structural, the South Australia project saw the addition to the show court of a steel canopy roof supported on four tree columns. The harnessed dome shape saw 16 welded sections assembled on site.

Gratton Street façade was named the Innovative Cold Form Steel Building category winner. Submitted by Melbourne-based light steel frame manufacturer Dynamic Steel Frames, the Victoria project boasts innovative use of light gauge steel framing on a building raked back from the street to allow additional light. The design allows deflection in the slab through scalloped floor joists over the edge of the slab and bracketry inserted on site for ease of construction.



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CSIRO Clean Lab was named the Steel-Clad Structures category winner. Submitted by prefabricated building component manufacturer **Austruss**, the country NSW project saw six-metre-high steel panels constructed at Mittagong and delivered to Narrabri seven hours away. The modular construction project represents a combination of a number of years of development and overcame major supply and delivery problems during COVID.

Sky Bridge project at 308 Exhibition St was named the Engineering Projects winner. Submitted by steel construction company ArcStructural, the Vic project included a contoured roof and architecture designed to withstand wind and seismic forces. Seven fully welded modular frames were employed to link two towers on the 46th floor of Melbourne's Sapphire by the Gardens building.

Shannon Kieran from the NT was named the Young Designer/Detailer/ Tradesperson winner. Employed by consulting engineers **Aurecon**, structural engineer Kieran was recognised for her design work on among other things the Charles Darwin University education and community precinct project. Kieran said she is passionate about promoting the work of young engineers.

Central Railway Station's northern concourse roof was awarded a Special Judges Commendation in Engineering. Submitted by **Alfabs Service**, the NSW project saw the roof fabricated in modules and erected without the need to rely on the existing heritage-listed building for support.

The Australian Steel Excellence Awards are held every two years by ASI to showcase the combined works of Australian steel manufacturers, designers, architects, engineers, builders, fabricators, distributors, individuals and teams.

The Australian Steel Institute (ASI) is the peak body representing the Australian steel industry. ASI provides marketing, education, advocacy, sustainability and technical leadership for 500 companies and 5,000 members. Its founding members are BlueScope, InfraBuild, Liberty Primary Steel and Stramit Building Products. Steel generates 100,000 jobs and \$29b in revenue in Australia.

For more information on this press release or to talk with Mark Cain, please contact ASI marketing and communications manager Steven Andrew on 0473 480 964 or stevena@steel.org.au.