Facility Watch

Asia Pacific

Featuring stadiums and arenas currently undergoing renovation as well as new build projects in the region, in conjunction with Stadia & Arena Asia Pacific 2015

The renowned global Facility Watch is published quarterly in PanStadia & Arena Management magazine

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STADIUMS

ASIA & AUSTRALASIA

AUSTRALIA

Adelaide: Coopers Stadium
Various proposals for soccer stadium of Adelaide United (Chairman Dario Fontanarosa). Adelaide Entertainment Corporation has proposed ETFE roof and link to the Oval, creating a sports precinct to bid for the Commonwealth Games. Interim enhancements could involve increasing pitch size and capacity.

Capacity: 25,000 (17,000)
Cost: A$75m

Brookvale, NSW: Brookvale Oval

Capacity: 23,000

Cairns: Rectangular Stadium
Study commissioned from Coffey Sport and Leisure. Owner: Cairns Regional Council.

Capacity: 20,000
Cost: A$66m

Canberra Stadium
Crumbling home of the ACT Brumbies and Canberra Raiders. Maintenance costs of A$2m per annum. Naming rights in prospect and then new under cover multi-purpose stadium in Civic for Raiders, Brumbies, soccer, concerts, conferences, netball and basketball. Expandable to 45,000 for any future World Cup bid.

Capacity: 25,000-35,000

Fremantle Oval Precinct
Development to maximise community use and commercial exploitation for Fremantle Football Club, South Fremantle Football Club, the Western Australian Department of Sport and Recreation, and the AFL. Masterplan: Coffey Commercial Advisory, Cox Architects, WT Partnership.

Cost: A$80m

Geelong: Simonds Stadium
Phase 4 of redevelopment for home of Geelong Football Club. Finance State ($70m). Additional funding sought from city and AFL. Alternative training venue for Cats.

Cost: A$90m
Capacity: 36,000+
Completion: 2017

Gold Coast City: Carrara Stadium
Commonwealth Games 2018: athletics competition and the opening and closing ceremonies. Capacity will be temporarily increased from 25,000 to 40,000. A new warm-up track will also be constructed. Owner/operator: Stadiums Queensland.

Capacity: 40,000

Perth: New Perth Stadium
Five tiers. Bronze facade uses anodised aluminium. LED lighting for home team colours by night. A multi-purpose stadium and sports precinct located on the Burswood Peninsula as part of a Peninsula wide transformation. Request for proposals out with operators - appointment expected early 2016. First concrete poured in May 2015 - 2,300 piles. Workforce: 5,700. A State Government of Western Australia committed project, with backing of Western Australia Premier Colin Barnett. The design - conceived by Cox Architecture, HKS Architects, Arup and Hassell Studio - was revealed in July 2014 by Premier and Minister for Sports and Recreation. Project Director: Ronnie Hurst. VenuesWest appointed as Governance Agency. It will oversee the selection of the stadium’s operator, which will establish agreements with end-users. Physical pre-construction works are complete. Formwork and concrete: CASC (A$30m); Steel: Civmec (A$73m); The associated transport infrastructure budget is A$339.2m.

Capacity: 60,000 (expandable to 70,000)
Cost: A$520.7m (sport precinct +A$81.7m)
Completion: 2018

Darwin: TIO Stadium
Proposal by AFLNT (Chief Executive Tony Frawley) for upgrade of TIO Stadium at Marrara Sporting Complex. Expanded main grandstand, portable stands on the scoreboard side, kitchen and dining facilities, new changerooms and resurfacing. Designs and feasibility study (A$50,000) completed for submission to the Federal and Northern Territory Governments.

Cost: A$80m
Rockhampton, Queensland: NRL Stadium
Capacity: 20,000
Cost: $418m–550m
Completion: 2016
Sydney: Allianz Stadium
Naming rights deal is helping fund upgrade to Sydney Football Ground. Proposed level-one deck to connect to the eastern and western stands, forming a continuous upper bowl to provide extra seats at the goal ends. Developer: Sydney and Cricket and Sportsground Trust.
Capacity: 60,000 (55,000)
Sydney: Blacktown Olympic Park (BOP)
Proposed upgrade to host a new AFL franchise in western Sydney. 170 metre by 150 metre main oval with a second 80,000-seat stadium. Proposed level-one deck to connect to the eastern and western stands, forming a continuous upper bowl to provide extra seats at the goal ends. Developer: Sydney and Cricket and Sportsground Trust.
Capacity: 10,000 (current)
Sydney: ANZ Stadium
Masterplan for upgrade of former Olympic Stadium. Contractor: Arup. Vision includes a retractable roof, reconfiguration of the Stadium’s lower seating bowl to improve spectator viewing and playing field dimensions - bringing spectators as close as five metres to the field of play at the northern and southern ends of the Stadium through the installation of moveable grandstands and creating a perfect rectangle for rugby league, rugby union and football; increasing the eastern and western boundaries to provide longer straight-hit boundaries in cricket and a more traditional oval shape for AFL. New and refurbished player and spectator facilities including restaurants, bars, terraces and eateries. Development of the precinct outside the Stadium, which is expected to include new precinct bars, cafes and restaurants for Stadium patrons to enjoy before and after events.
Capacity: 80,000
Cost: $350m
Completion: 2018
Tasmania, Bellville: Blundstone Arena
Capacity: 20,000
Cost: $430m
Completion: mid 2015
Townsville, Queensland: Townsville Stadium
New stadium for North Queensland Cowboys (Chief Executive Peter Jourdain). City and NRL keen but finance gap needs filling. Queensland Government committed for the stadium and a combined entertainment centre.
Capacity: 25,000-30,000
Cost: $4300m
Completion: 2020
Phnom Penh: Morodok Techno National Stadium
Basketball arena (5,532), a natatorium with Olympic-sized swimming pool, a conference centre, sport and fitness training facilities, a flexible grand conference hall, a 200-room boutique hotel and an underground car park. The entire structure covered by a roof garden fully accessible to pedestrians and with dramatic views of the campus and surrounding countryside. Area: 60,000m2. Building area: 52,000m2. Architect: MANDRA Architecture. Finance: Li Ka Shing Foundation of Hong Kong.
Capacity: 4,278
Cost: HK$236m
Completion: 2016
Suzhou: Multi-purpose stadium
Main stadium, one of five facilities on a single campus - stadium, sports and entertainment arena, an international-standard swimming complex, an athletics track and training centre. Plus retail mall and hotel. Developer: Suzhou Industrial Park Sports Industry Development Co. Ltd (SIPSID). Building services, energy planning and LEED green building consultancy services: Mott MacDonald.
Capacity: 45,000
Cost: RMB560m
Completion: 2017
Wuhan: Tennis Center
Capacity: 15,000
Completion: August 2015
Hangzhou Olympic Sports Park
80,000-seat stadium plus open space, walking trails, a tennis facility, retail space, community playing fields and an extreme sports area. Area: 400,000m2. Architects: NBBJ and CCDI.
Capacity: 50,000
Cost: HK$2b
Completion: mid 2015
Hong Kong: LEI Taka multi-purpose
Proposed as hub of 25 hectares sports hub as part of redevelopment of airport site. Preconstruction funding approved. Office, commercial and retail space, public recreation and smaller sports ground (5,000) and indoor arena (4,000) also on site. Finance: public.
Capacity: 80,000
Cost: HK$2b
Completion: 2020
Shantou: Shantou University Sports Park
Basketball arena (6,278), a natatorium with Olympic-sized swimming pool, a conference centre, sport and fitness training facilities, a flexible grand conference hall, a 200-room boutique hotel and an underground car park. The entire structure covered by a roof garden fully accessible to pedestrians and with dramatic views of the campus and surrounding countryside. Area: 60,000m2. Building area: 52,000m2. Architect: MANDRA Architecture. Finance: Li Ka Shing Foundation of Hong Kong.
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Completion: August 2015
Hangzhou: LEI Taka multi-purpose
Capacity: 5,000 (centre court), 1,000 (secondary)
Cost: US$34m
Completion: October 2015
FIJI
Waki City Rugby Stadium
Housing project masterplan with infrastructure and leisure, including a rugby stadium. Construction spans a decade. The Housing Authority has advertised for expressions of interest from development consortiums.
Capacity: 25,000
Cost: A$15m
Completion: 2021
maximum engagement

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**Goa**

- **Panaji: Campal Football Stadium**
  - **Capacity**: 4,000
  - **Cost**: Rs 40 crores
  - **Completion**: 2016

**Japan**

- **Osaka: Gamba Osaka Stadium**
  - Soccer stadium for one of the original J League members south of its current home Expo Stadium, in the Expo Commemoration Park. Community facilities and role as emergency evacuation centre. Finance: club fundraising from sponsor companies. Construction: Takenaka Corp. Operator Gamba.
  - **Capacity**: 40,000
  - **Cost**: ¥14 billion
  - **Completion**: Autumn 2015

**Tokyo: Kasumigaoka National Stadium**

Organisers are to run a new international competition to achieve a more affordable design. The first competition was won by Zaha Hadid Architects, but was ruled out in July 2015. In 2014 around 40,000 Japanese sports fans made the pilgrimage to bid a fond Sayonara to the national stadium. Demolition of the stadium started in July 2014 and completed in May 2015. Construction was scheduled to begin in October 2015, now adjusted to some time in 2016. It will not now be used for the 2019 Rugby World Cup, but will host the Opening and Closing Ceremonies, athletics, football and rugby competitions for the 2020 Olympic and Paralympic Games. Debate continues over design and capacity. Ambition to incorporate green technologies. Owner: Japan Sports Council. Area: 290,000m².
  - **Capacity**: 80,000
  - **Cost**: US$1,470.857m
  - **Completion**: 2019

**Artake Tennis Park**

Some permanent, some temporary stadiums. Legacy: temporary parts will be re-used for community and schools sport. Capacity main stadium 10,000, stadium2 5,000, stadium3 3,000 (legacy 1,000), stadium4 2,500 (legacy 0).
  - **Capacity**: 20,500, legacy 3,500 (total)
  - **Cost**: US$66.754m

**Dream Island Archery Field**

Tokyo 2020: archery. Legacy: integrated into the parkland surroundings, to host national and international archery competition events. Owner: Tokyo Metropolitan Government.
  - **Capacity**: 7,000
  - **Cost**: US$15.84m

**Musashino Forest Sport Centre**

  - **Capacity**: 8,000, legacy 6,600
  - **Cost**: US$282.857m

**Seaside Park Hockey Stadium**

  - **Capacity**: 10,000 (legacy 4,000); stadium 25,000
  - **Cost**: US$282.857m

**India**

- **Greater Noida Cricket Stadium**
  - In construction near the F1 GP track. Uttar Pradesh Cricket Association (UPCA). Four-floor main stand building to FIFA standards, with a boat-shaped roof. The height of the stadium will be 40 cms above the current ground level to sustain any sea water level rise in the future. Finance: Board of Control for Cricket in India (BCCI).
  - **Capacity**: 40,000
  - **Cost**: Rs 31 crore
  - **Completion**: 2016

**Kochi: Amedeern Stadium**

  - **Capacity**: 20,000
  - **Cost**: Rs 30 crore
  - **Completion**: 2019

**Kozhikode: EMS Corporation Stadium**

  - **Capacity**: 800
  - **Cost**: Rs 31 crores
  - **Completion**: 2016

**Japan**

- **Osaka: Gamba Osaka Stadium**
  - Soccer stadium for one of the original J League members south of its current home Expo Stadium, in the Expo Commemoration Park. Community facilities and role as emergency evacuation centre. Finance: club fundraising from sponsor companies. Construction: Takenaka Corp. Operator Gamba.
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**ASIA & AUSTRALASIA ARENAS**

### AUSTRALIA

**Brisbane:** Queensland State Velodrome
- **Capacity:** 6,100 (4,000 with temporary)
- **Cost:** A$85m
- **Completion:** 2016

**Canberra:** AIS Arena
- Revamp of indoor venue and breathe new life into the surrounding Bruce precinct to attract one-off events. New seating, windows, toilets and food services area. Out to tender.
- **Cost:** A$10m
- **Completion:** 2016

**Gold Coast:** Convention and Exhibition Centre
- Commonwealth Games 2018: netball in 5,000 seat capacity arena. Overlay works only. The International Broadcast Centre (IBC) and Main Press Centre (MPC) will also be located in this venue, forming the Main Media Centre. Owner: Department of Public Works.
- **Capacity:** 7,500 (temporary)
- **Cost:** A$52m

**Melbourne and Olympic Park**
- Stage two of the Melbourne & Olympic Park redevelopment, being financed by the State of Victoria (AUS$298m) and the Melbourne & Olympic Park Trust. (AUS$40m). The project includes the refurbishment of Rod Laver Arena and a new 5,000-seat show arena. Phase 2 developments also include construction of footbridge over Batman Avenue and a new Administration & Media building. Construction on Stage 2 is expected to begin after the 2015 Australian Open. The Administration and Media Building open design EOI is available at: www.tenders.vic.gov.au
- **Capacity:** 20,000, legacy 5,000
- **Cost:** A$10m

**Port Macquarie Indoor Stadium**
- New PCYC facility, three additional courts, a kiosk and spectator seating. Upgrades to supporting infrastructure and additional parking.
- **Capacity:** 4,500
- **Cost:** A$38m

**Sydney:** Sydney Theatre
- **Capacity:** 9,000
- **Completion:** December 2016

### CHINA

**Beijing:** National Speed Skating Stadium
- Part of bid for the 2022 Winter Olympic Games and scheduled regardless of the result. West of the Olympic Park and south of the National Tennis Center. For both athletic training and public recreational use.
- **Capacity:** 12,000
- **Completion:** 2016

**Shantou:** Shantou University Sports Park
- Basketball arena (6,278), a natatorium with Olympic-sized swimming pool, a conference centre, sport and fitness training facilities, a flexible grand conference hall, a 200-room boutique hotel and an underground car park. The entire structure covered by a roof garden fully accessible to pedestrians and with dramatic views of the campus and surrounding countryside. Area: 60,000m². Building area: 52,000m². Architect: MANICA Architecture. Finance: Li Ka Shing Foundation of Hong Kong.
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### JAPAN

**Tokyo:** Olympic Aquatics Centre
- **Capacity:** 20,000, legacy 5,000
- **Cost:** $363,189m

**Ariake Arena**
- **Capacity:** 15,000, legacy 12,700
- **Cost:** $199,131m

**Water Polo Arena**
- **Capacity:** 6,500

### KOREA

**Pyeongchang:** Gangneung Curling Centre
- Upgrade construction for Winter Olympics 2018.
- **Capacity:** 3,500
- **Completion:** October 2016

**Pyeongchang:** Gangneung Hockey Centre
- New hockey stadium for Winter Olympics 2018.
- **Capacity:** 10,000
- **Completion:** November 2016

**Pyeongchang:** Gangneung Ice Arena
- New skating and short track facility for Winter Olympics 2018.
- **Capacity:** 12,000
- **Completion:** October 2016

**Pyeongchang:** Gangneung Oval
- **Capacity:** 8,000
- **Completion:** March 2016

**Pyeongchang:** Kwandong Hockey Centre
- New hockey stadium for Winter Olympics 2018.
- **Capacity:** 6,000
- **Completion:** October 2016

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**Suzhou:** Arena
- Sports and entertainment arena. Developer: Suzhou Industrial Park Sports Industry Development Co. Ltd (SISPID). Building services, energy planning and LEED green building consultancy services: Mott MacDonald. One of five facilities on a single campus.
- **Capacity:** 13,000
- **Completion:** 2017

### HONG KONG

**Hong Kong Arena**
- At the sports park being developed at the former Kai Tak airport site. Potential to hold events such as Sudirman Cup. Discussions around capacity, especially for badminton which attracts nearly 6,000 at Hong Kong Coliseum.
- **Capacity:** 4,000
- **Completion:** 2019

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**Water Polo Arena**
- **Capacity:** 6,500

**Youth Plaza Arenas A and B**
- **Capacity:** A 7,000 (legacy 5,700); B 18,000 (legacy 16,300)
- **Cost:** $411,844m