

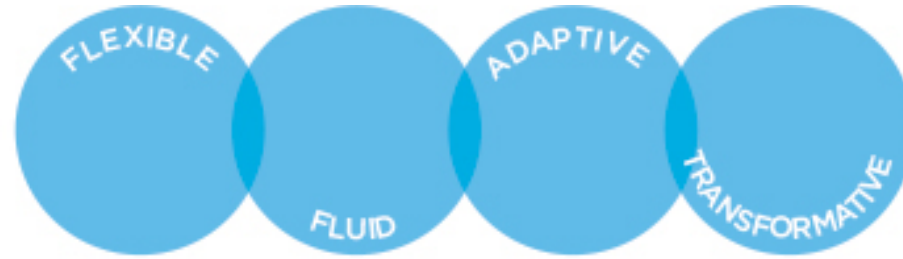
LIQUID BLU

ARCHITECTS

Aquatic Centre

Design Typology

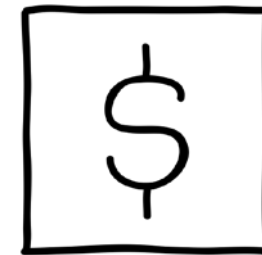
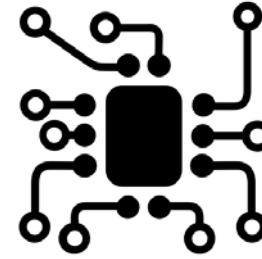
Who is Liquid Blu



- Aquatic and Community Specialist Architects
- Est 2001
- Designed over 20 aquatic and community facilities
- Projects in Australia and overseas
- Service delivery across diverse procurement strategies
- Offices – Brisbane, Gold Coast and Sydney

What we do know..?

- Highly technical facilities
- Developed infrequently
- Many stakeholders
- WOL cost profile is high
- Outcome management is difficult
- Trends and community demands evolving



What does this mean...?

- Innovation is paramount given frequency of development (technology, trends, community demand)
- A lot can go wrong – high risk project typology
- Interests and outcomes often compete
- High Capex cost places pressure on design to deliver more...
- High Opex cost places pressure on budget

Project pressure...

Influencing factors on projects

People

- Asset owners
- Facility maintenance
- Facility operators
- Direct stakeholders
- Indirect stakeholders
- Authorities & agencies
- Accreditation groups
- Political

Place

- Site (macro)
- Site (micro)
- Climate
- Environmental factors
- Infrastructure
- Design response
- Aesthetic experience

Procurement

- Services delivery
- Program / Time
- Budget / Cost
- Quality control
- Risk Management
- Compliance
- Approvals

Key considerations...

The balancing act

Site Context

Facility Mix

Aesthetics

Operations/Mainten.

ESD

- Regional / State relevance vs local community
- Facility elements (macro to micro) vs financial return
- Quality vs value for money
- Capex vs Opex
- Social vs economic vs environmental

Cross pollination between these...

What can you do..?

- Increase awareness of the process
- Harness potential in the design team and within your organisation
- Provide effective management structures
- Keep an open mind
- Balance specific requirements against holistic views
- Decision making based upon robust process and WOL

Current Trends

- Interactive water play splash pads
- Full function cafes in lieu of kiosks
- Pool building technologies
Multi – use pools
(moveable booms and floors)



Liquid Blu – WW2 Memorial Pool



Liquid Blu – Gympie ARC



Sir Albert Café – Melbourne Sports & Aquatic Centre



Sir Albert Café – Melbourne Sports & Aquatic Centre



Variopool Moveable Boom



Variopool Moveable Floor

Current Trends Cont.

- Family Change Village
- Naturally ventilated spaces
- Precinct Style development



Donovan Payne Architects – Bold Park Aquatic Centre



Donovan Payne Architects – Bold Park Aquatic Centre



UBC Aquatic Centre – MJMA Architects



UBC Aquatic Centre – MJMA Architects

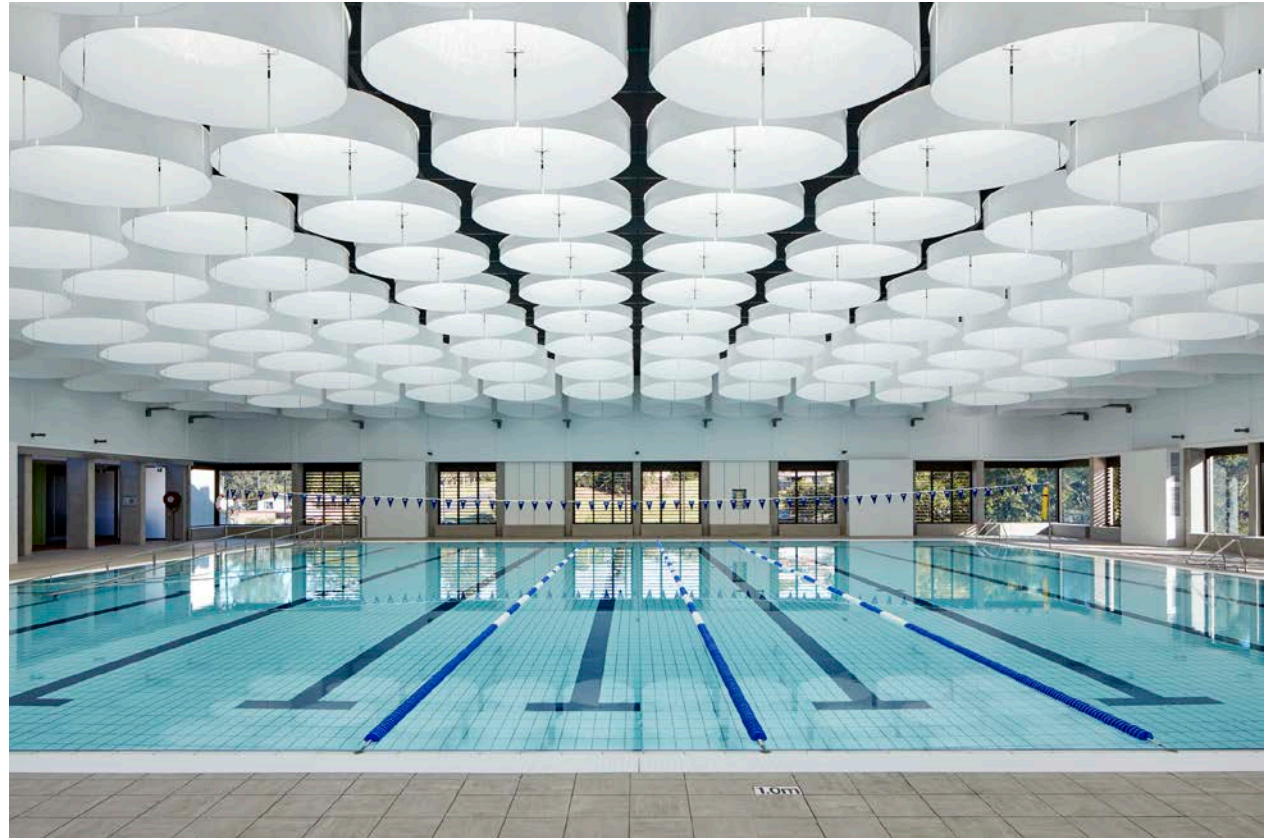


Liquid Blu – Northern Gold Coast Sports and Community Precinct

Case Study

Gympie Aquatic Recreation Centre

- 50m x 8 lane competition pool
- 25m x 8 indoor pool
- Splashpad with interactive water play
- Waterslides
- Landscape terraced area - seating 600 people
- Kiosk
- Multi-purpose spaces



Case Study Cont.



Case Study Cont.



Case Study

Blackwater Aquatic Centre

- 50m x 10 lane competition pool
- 25m x 6 sheltered pool
- Splashpad
- Courtyard Style Design
- Multi-purpose spaces



Case Study Cont.



Case Study Cont.



Case Study

Yeppoon Lagoon and Pavillion

- 2500m2 lagoon pool
- 70m infinity edge
- 25m lap swim area
- Deep water area
- Splashpad
- Restaurant and Kiosk
- Multi-purpose space



Case Study Cont.



Case Study Cont.

