

WEST LAKES AQUATIC RESERVE - WHERE COMMUNITY AND SUSTAINABILITY MEET

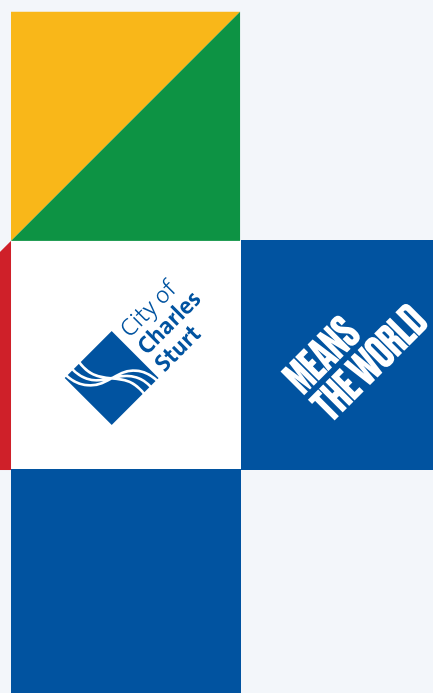
Our community and sporting clubs mean the world, but they don't have to cost the earth. The West Lakes Aquatic Reserve facility provides a new standard for environmentally sustainable design for the City of Charles Sturt. This is the first building project to use our Environmentally Sustainable Development (ESD) Requirements for Council Buildings (2022), which help us meet our greenhouse gas emissions reduction targets, build climate resilience and support the circular economy.

Passive design strategies were incorporated to maximise natural lighting, ventilation, and thermal comfort to both the new and existing buildings. We have transitioned off of natural gas to an all-electric facility, with energy-efficient technology and a solar battery system to minimise energy consumption and reduce environmental impact. Water conservation measures were also prioritised. Key material selections were made using a variety of cladding systems including a Zero Carbon footprint cladding and products containing recycled materials.

This project proudly demonstrates that environmentally conscious design can be achieved cost-effectively and bring a range of benefits to the people who use this facility.



To learn more about council's environmental action and climate change response initiatives, visit: charlessturt.sa.gov.au/environment



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