



3D PRINTED AMENITIES FACILITY NOW OPEN

The new 3D printed Macquarie Lions Park West amenities facility is now completed and open to the public for use.

The redevelopment of this amenities facility was part of Council's asset renewal program which ensures all assets across the Dubbo Regional Council (DRC) Local Government Area are updated and renewed to best support and service community needs into the future.

“The Macquarie Lions Park West amenities facility was an aged building. It was showing signs of deterioration and wasn't accessible to all members of our community, so it was time to renew this building and improve accessibility,” Dubbo Regional Council Mayor Mathew Dickerson said.

The Macquarie Lions Park West amenities facility was a unique and ground-breaking project for DRC and it was the first building or facility constructed by a Council anywhere in this nation using 3D printing technology.

“This innovative project demonstrates Council’s ability to lead the way by utilising cutting edge technology to build infrastructure. Being able to see the application of 3D printed technology in a construction setting was really beneficial to understand its capabilities and see the potential opportunity for its use in the future.”

“The interest from the community in the project and also further afield from other councils has been extremely positive. We have been able to see the construction of the facility using 3D printing technology in person and we can use the learnings from this project when considering this technology again in the future,” Cllr Dickerson said.

The 3D printing technology was used to print the structural component of the building including the printing of the interior and exterior walls.

Whilst Dubbo Regional Council has no immediate plans to use the 3D printing technology on any other amenities facilities in the near future it has definitely had a positive outcome.

The project has cost \$322 041, excluding demolition of the old amenities building. The project had been in Council’s forward four year budget since 2021/22 as a necessary and programmed asset renewal project for the previous end of useful life amenity building.

The internal and external walls were 3D printed by contractor Contour 3D, while the internal fit-out and landscaping were completed by local tradespeople.

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