Membership of the Expert Panel is open to experts identified by the Chair. Current members include:

- Ms Lauren Ganley, the Head of Telstra's First Nations Strategy and Engagement Team
- Dr Daniel Featherstone, a Senior Research Fellow at RMIT who leads the Mapping the Digital Gap project
- Ms Gillian Mailman, the Managing Director of Fibre Optics NQ
- Dr Scott Winch, the Director of Data Sovereignty for the NSW Coalition of Aboriginal peaks
- Mr Che Cockatoo-Collins, the Executive Manager of Indigenous Affairs at NBN Co
- Professor Ellie Rennie, a Principal Research Fellow at RMIT's Digital Ethnography Research Centre
- Mr Neil Turner, the Manager of Pilbara and Kimberley Aboriginal Media