

RadComms 2026

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Our vision for a healthy, secure, sustainable, cohesive and prosperous Australia depends on connectivity...



National Outcomes

● Access to healthcare and services to improve wellbeing

● Australians feel safe and communities are resilient

● Protection of the environment and responsible use of resources

● Strong communities and reduced social isolation

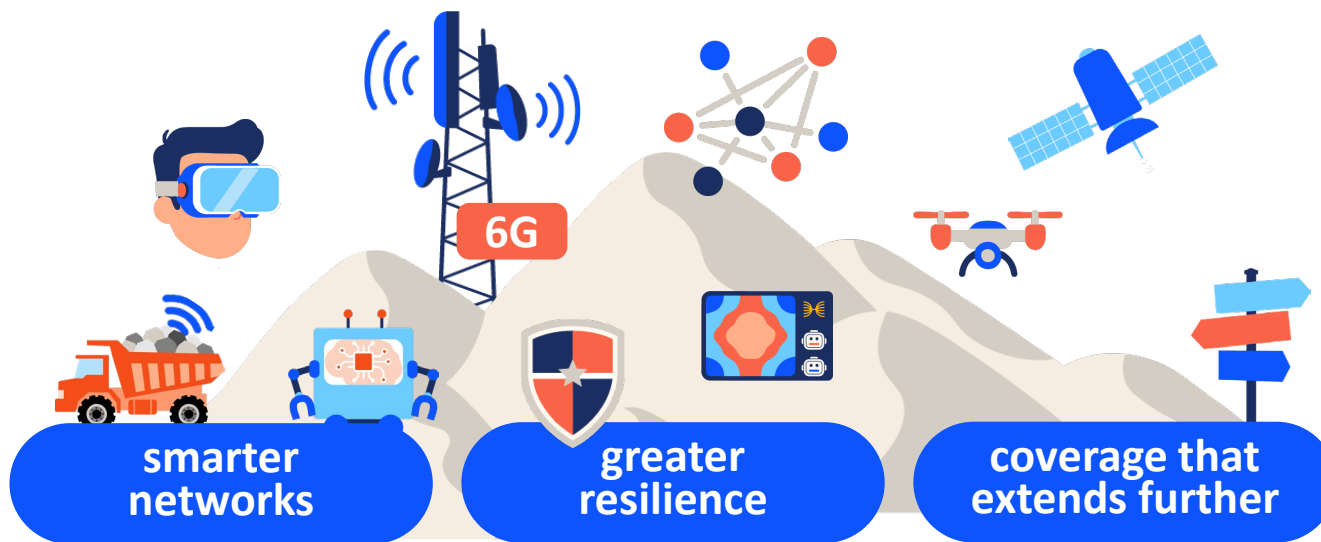
● Higher productivity, strong employment and more innovation



6G and direct-to-device will both transform how Australians live, work and connect...

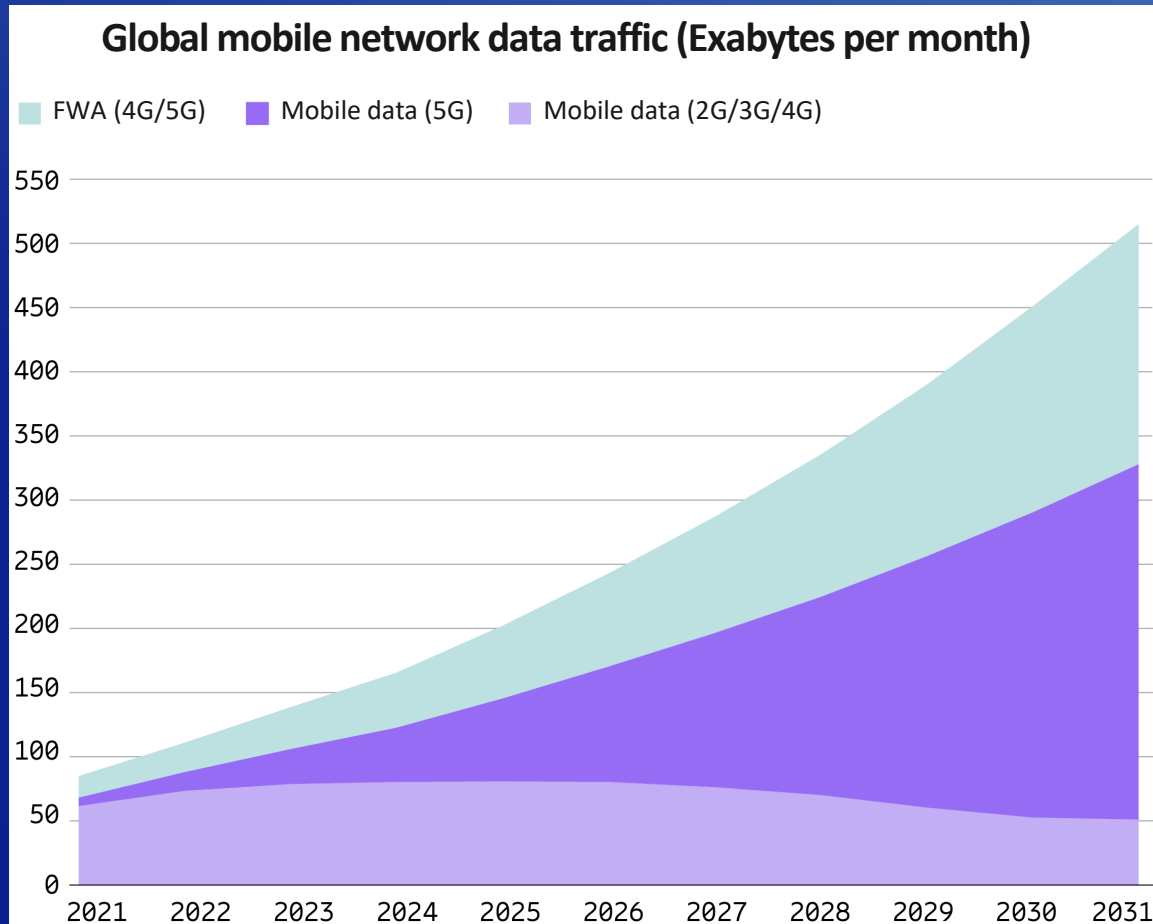


Together, 6G and direct-to-device services will deliver:



Australia's mobile industry is ready to unlock these opportunities, but **we can't do it alone**

Mobile network traffic continues to grow at pace



- Between 2025 – 2031:
 - Mobile data traffic is expected to grow 2.2x
 - Increases to 2.5x when fixed wireless access (FWA) is included
 - 5G share of mobile data traffic expected to increase from 48% to 85%

We need a more strategic, coordinated approach to spectrum planning...



To unlock our future, **foundational spectrum decisions and policy alignment** must be achieved very soon



Further **near-term spectrum planning work** is also required to fully embed these services



as an industry we have developed a means to be clear on timing and requirements **to avoid Australia being left behind** as the rest of the world transforms with these technologies



Our proposed 'Spectrum Readiness Roadmap' is focused on enabling 6G and direct-to-device ...



Focus Areas



Enabling 6G

- 1** Launch 6G from 2029 with new 6 GHz spectrum

Getting 6 GHz right is crucial for Australia's 6G future

- 2** Secure future for TV and low band for 6G

Australia, like other countries, requires additional low band spectrum to deliver 6G



Enabling Direct-to-device (D2D)

- 3** Access to 3GPP NTN spectrum for UOMO

Spectrum bands classified by 3GPP for NTN will be critical for delivering the Universal Outdoor Mobile Obligation (UOMO)

- 4** New spectrum options for D2D growth

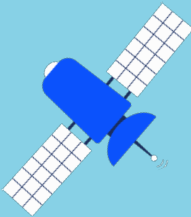
Australia, like other countries, requires additional spectrum for D2D services

Spectrum readiness roadmap

We are behind on the key milestones...



Milestones & Performance

Milestones & Performance		End 2026	End 2027	End 2029	Progress Score
 Enabling 6G	1 Launch 6G from 2029 with new 6 GHz spectrum	Create timing certainty with a clear forward workplan (including clearance)	Harmonised international outcome, ACMA plan allocation in 2028, clearance progressing	Upper 6 GHz allocation has occurred ; industry can launch 6G in 2029	Action Required
	2 Secure future for TV and low band for 6G	Government facilitated public discussion starts on the future of television	Increased clarity around the future of television and availing 600 MHz for mobile	Reallocation of 600 MHz planned for 2030; licences commence in 2032	Needs Attention
 Enabling D2D	3 Access to 3GPP NTN spectrum for UOMO	2 GHz MSS planning factors in UOMO	2 GHz MSS program underway	Readiness to support UOMO delivery	Progressing
	4 New spectrum options for D2D growth	Increasing focus on D2D spectrum needs , current use of MSS and the 1800 MHz opportunity	Resolve candidate directions for D2D growth	Pipeline of D2D spectrum is becoming available , rail and 1800 transitions underway	Needs Attention

The gold shading denotes the most crucial near-term actions for each priority



WHAT

We need to work together to ensure Australians benefit from the technologies that will define the next decade



HOW

Strong alignment between the Government, the Department, the ACMA and telcos is the critical enabler to achieving our ambition for Australia

