



Australia's AI Agenda: Policy, Compute & Capability

FIVE DEVELOPMENTS SHAPING AUSTRALIA'S
APPROACH TO AI



Access the
insight here



#1 New AI Institutions & Standards

Office of AI established. [New federal office to coordinate AI policy](#) and develop Australian AI standards.

Data centre standards proposed. [Covering energy, water, location, workforce](#), security, research, and access to compute.

Frontier AI standards proposed. Including [incident-reporting requirements](#).

Privacy reform underway. Draft legislation [addresses AI and personal data](#).

Australia is moving towards more specific requirements for AI infrastructure and deployment.

#2 Expansion of AI Computing Capacity

1.

NVIDIA targets up to 2GW

Through Australian [cloud and data centre partners](#).

2.

Anthropic signs Queensland deal

[Planned 2.16GW facility](#), its first
Australian data centre agreement.

3.

13,000 energy workers

Industry estimates [additional workers could be needed](#) for data centre construction.

AI infrastructure investment is bringing compute, energy, workforce, and planning into the national AI agenda.

#3 National Approach to AI Assurance



National AI assurance framework

Covers legal, privacy, security, ethical, and bias risks.



DTA AI Review Committee

Six-member committee advising on sensitive or novel AI deployments and serious incidents.



AFP AI strategy

Covers workflow automation, decision-making, and cybercrime detection, with human oversight for high-stakes decisions.

Government is establishing common approaches to AI assurance while agencies remain responsible for individual deployments.

#4 Broader Capability Agenda

USD 6.2M research funding

Covers AI, advanced manufacturing, quantum, and hydrogen.

USD 37.7M critical minerals CRC

62 organisations focused on domestic processing.

USD 104M NSW fund

Science and innovation co-investment with universities.

AI investment is being combined with broader efforts to strengthen research, industrial, and commercial capability.

#5 International AI Cooperation



AUSTRALIA-UK AI SECURITY COOPERATION

Sharing frontier AI research and evaluation methods.



AUSTRALIA STRENGTHENING AI ECOSYSTEM

Collaborating with Singapore on AI, cybersecurity and digital infrastructure.



AUSTRALIA ENGAGES ON AI GOVERNANCE

Including calls for US-China cooperation on AI protocols.

International cooperation is contributing to Australia's approach to frontier AI testing, security, and governance.

Ecosystem Opinion

Australia is building out the policy, compute, assurance, research, and international connections needed to support AI development and deployment.

The agenda is extending beyond policy to the capacity to build, use, and govern AI in Australia.

For more Ecosystem Insights, visit



info@ecosystem.io



www.ecosystem.io