

ANU Capabilities for NCRIS Australian National Data Service

ANU has an established track record as a national leader in research data management, having acted as lead institution in a number of national initiatives, such as the Australian Partnership for Sustainable Repositories (APSR), the Australian Social Science Data Archive (ASSDA), and the Australian Partnership for Advanced Computing (APAC). ANU therefore has a long standing commitment not only to the importance of research data but also to *creating cohesion and providing focus within the sector*. ANU staff have successfully managed, delivered and coordinated national services for research data and worked within various governance frameworks. ANU also has a long history of supporting the national interest by the leveraging of ANU intellectual capital in forming national services in this field.

▪ **ANDS CENTRAL ENTITY:** ANU is able to **lead and manage the ANDS central entity** and work cooperatively with other parties as appropriate. ANU is ready to collaborate with other key players in the field to provide the services outlined in the ANDS Pfc investment plan.

▪ **DATA STEWARDSHIP:** Mature national data services at the ANU such as the [Mass Data Storage Service](#), the [Demetrius](#) Institutional Repository Service, [ASSDA](#), the [Australasian Pollen and Spore Atlas](#), and the [International Economic Databank](#) give ANU the capability to offer both **curatorial expertise** and **data hosting services** to ANDS. In particular ANU has provided national leadership in hosting and developing research support relationships with nationally significant data collections. Several landmark white papers and survey [reports](#) written by ANU staff (on secondment to APSR & APAC) provide a strategic background for data stewardship which has influenced national debate. ANU has built cohesion in this sector and would thus be able to catalyse development of **a broader national federation of research repositories** which will be key in the sustainability of the stewardship solution.

▪ **FEDERATED NATIONAL SERVICES:** ANU staff are developing the Online Research Collections Australia ([ORCA](#)) registry of research collections. ANU is keen to take the ANDS opportunity to continue supporting the technical and social development of this national **registry/ discovery infrastructure**. ANU will continue its alliance with the NLA, especially in the ongoing delivery of the related registry, discovery, and access services.

The ANU is committed to developing Australia's **data re-positioning infrastructure** and build on the work of the ANU SF and the APSR [Repository Interoperability Framework](#). For over a decade, the ANU has led the agreements and technology that support Australian research communities' data re-positioning needs.

The ANU has established high level expertise in providing many of the "later year" federated national services such as **data submission, presentation, fusion, and quality assurance** as well as **aggregated statistics, and obsolescence notification services**. [Existing](#) ANU projects, systems and services can form the basis of these federated national services.

ANU has a strong track record in the **strategic planning of national services for research data**. APSR and ANUSF have existing dedicated programs to develop national infrastructure for research collections.

▪ **OUTREACH:** ANU currently coordinates mature national and cross-organisational outreach programs for research information management, unique in Australia. The APSR program comprises [events](#), [publications](#), [training](#), [support networks](#), and consultations and spans both tactical and strategic concerns. ANU staff have experience in managing and delivering formal outreach programs, and ANU can build on these existing capabilities to **deliver ANDS strategic outreach and plan and coordinate ANDS tactical outreach services**.

▪ **SUMMARY:** ANU's existing experience and ongoing interest spans every aspect of ANDS:

	Central Entity	Data Stewardship	Federated Services	Outreach
Coordination	✓	✓	✓	✓
Service Delivery	✓	✓	✓	✓