

NRIMS Draft Action Plan 2002-05

Goal Area	Activity	Action	Respons- ibility	Priority	02- 03	03- 04	04- 05	Performance Measure	02-03 Perf Measure	02-03 Date
1 Strategic Planning and Coordination	1.1 Take the lead role in all NSW whole-of-government natural resources information initiatives to align natural resources information management amongst Government agencies and the community	1.1.1 Contribute to national natural resource information management initiatives including provision of representation on appropriate bodies.	Steering Group	High	Y	Y	Y	1.1.1(1) Input reflected in outcomes of ANZLIC, NLWRA and other initiatives	1.1.1(1a) NRIMS input reflected in ASDI Architecture, ANZLIC ISO metadata profile, NRM framework documents.	Jun-03
		1.1.2 NRIMS CEOs to ensure ongoing support for implementation of strategy.	CEOs	High	Y			1.1.2(1) Agency CEO support for NRIMS business cases	1.1.2(1a) Agency CEO letter of support to Treasury for 03-04 NRIMS business cases	Oct-02
						Y	Y	1.1.2(2) Commitment of resources to NRIMS		
		1.1.3 Review membership of NRIMS.	CEOs	Medium	Y			1.1.3(1) CEO agreement to revised membership	1.1.3(1a) Review completed. Consider any major data-holders for Blueprints and other initiatives - eg SCA, Lgov (see action 1.2.1).	Dec-02
		1.1.4 Report regularly to NRIMS CEOs on progress and issues with implementation of the strategy.	Steering Group	High	Y	Y	Y	1.1.4(1) First yearly reports to CEOs	1.1.4(1a) Report to CEOs	Sep-02
					Y	Y	Y	1.1.4(2) Second yearly reports to CEOs		Mar-03

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	1.2 Coordinate natural resource data activities as an integrated program	1.2.1 Identify/review key whole-of-government initiatives that NRIMS should influence or be influenced by (eg Blueprints, e-Business, NAP, SoE, PlanFirst, native vegetation, CCA, Biodiversity, SWMS).	Steering Group	High	Y	Y	Y	1.2.1(1) Prioritised list of initiatives prepared and agreed.	1.2.1(1a) Prioritised list of initiatives prepared and agreed	Dec-02
		1.2.2 Document a single inventory of the requirements and priorities for datasets across key government programs in all agencies.	Steering Group (DLWC lead)	High	Y	Y	Y	1.2.2(1) Inventory used to prioritise data access.	1.2.2(1a) Inventory maintained, including requirements from Blueprints, SWMS and Lgov.	Jun-03
		1.2.3 Apply the whole-of-government natural resources information framework to identify and meet Catchment Blueprint NRM information needs (eg data gaps).	Steering Group (DLWC lead)	High	Y	Y	Y	1.2.3(1) Data gaps identified and addressed. Blueprint reporting products based on NRIMS framework in use by CMBs	1.2.3(1a) Plan documented and agreed by key branches in DLWC and other agencies (see action to identify these stakeholders)	Apr-03
		1.2.4 Initiate and coordinate development of new data programs or adaptation of existing ones to meet integrated NRM information needs.	Steering Group			Y	Y	1.2.4(1) New data programs developed as required		
	1.3 Incorporate NRIMS strategies into agency business	1.3.1 Review and publish status of inclusion of NRIMS in agency IM&T strategic plans.	Steering Group			Y		1.3.1(1) Review published.		
		1.3.2 Implement recommendations of review.	Agencies				Y	1.3.2(1) All agencies reference NRIMS in their IM&T plans.		
	1.4 Establish strategic links within agencies	1.4.1 Each agency to identify key internal stakeholders for key whole-of-government initiatives and for intra-agency initiatives (as identified above), and engage them in NRIMS activities.	Agencies	High	Y			1.4.1(1) Agency stakeholders identified, contacted and appropriately involved.	1.4.1(1a) Internal stakeholders for CMBs identified	Dec-02

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	1.5 Link up to NSW Spatial Data Infrastructure	1.5.1 Engender high-level cooperation and commitment between NRIMS and DITM to work at a practical level to share data and services using open standards.	Steering Group	High	Y	Y		1.5.1(1) Joint SDI activities initiated.	1.5.1(1a) Submit joint connect.nsw funding proposal with DITM for SDI Pilot	Aug-02
					Y				1.5.1(1b) Submit joint connect.nsw business case with DITM for SDI Pilot, if short-listed	Nov-02
					Y				1.5.1(1c) Commence SDI Pilot if funded	Feb-03
					Y				1.5.1(1d) Fundamental LPI data available through CANRI	Jun-03
		1.5.2 Continue NSW natural resource sector influence on directions of ASDI.	Steering Group	High	Y	Y	Y	1.5.2(1) ASDI directions compatible with NRIMS	1.5.2(1a) Input to ASDI architecture.	Oct-02
					Y				1.5.2(1b) Review and comment on ANZLIC metadata profile.	Oct-02
					Y			1.5.2(2) Participation in ASDI committees	1.5.2(2a) NSW represented on ASDI Standing Committee.	Dec-02
	1.6 Link across to other NSW government sectors	1.6.1 Establish appropriate communication mechanisms with other sectors including Planning and Emergency Services.	Steering Group	Medium	Y	Y	Y	1.6.1(1) Appropriate communications established	1.6.1(1a) NRIMS represented on Planning and Emergency Management sectors.	Mar-03
			Steering Group	Medium	Y	Y	Y		1.6.1(1b) Shared architecture for iPlan and CANRI documented.	Jun-03

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			Steering Group	Medium	Y	Y	Y		1.6.1(1c) Extranet with Planning cluster under development (if funded by connect.nsw).	Jun-03
	1.7 Link to local government	1.7.1 Provide integrated access to local and state government data.	Steering Group	Medium	Y	Y	Y	1.7.1(1) Natural resource datasets published by local government using open standards are accessible via CANRI and vice versa.	1.7.1(1a) Lgov planned spatial data infrastructure compatible with CANRI. Bridging project planned for 2003-04.	Jun-03
	1.8 Improve business processes between government and the corporate sector	1.8.1 Use NRIMS agencies' collective bargaining power to obtain optimum commercial and technical outcomes from technology vendors.	Steering Group	Low	Y			1.8.1(1) Multi-agency agreement signed with vendor(s).	1.8.1(1a) Rationalise licensing of ESRI products across NRIMS sector	Apr-03
2 Communication, Education and Promotion	2.1 Develop and implement a strategy for two way communication with users regarding NRIMS products	2.1.1 Develop and implement a strategy for two way communication with users regarding NRIMS products.	Steering Group	High	Y	Y	Y	2.1.1(1) Identify and address client needs and appropriate communication tools required	2.1.1(1a) Strategy developed and agreed.	Jun-03
		2.1.2 Assess the effectiveness of the products using focus groups and refine accordingly.	Steering Group	High	Y			2.1.2(1) Products tested and results presented to the NRIMS Steering Group	2.1.2(1a) Products tested and results presented to the NRIMS Steering Group	Jun-03
3 Products and Services	3.1 Ensure alignment of natural resources information products and services to meet evolving user needs	3.1.1 Develop program-specific applications, such as Catchment Blueprint reports, State of the Environment reporting, Biodiversity and a coastal atlas using the CANRI framework.	Lead agencies	High	Y	Y	Y	3.1.1(1) CANRI-based applications to support high priority natural resource programs by June 2005	3.1.1(1a) Pilot reporting application available for CMBS. Substantial progress on SoE application.	Jun-03

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	3.2 Provide whole-of-government natural resources information products and services to meet users' needs	3.2.1 Create and maintain products on the NRIMS website, including Natural Resources Data Directory (NRDD), NSW Natural Resources Atlas, policy, standard and guideline documents.	Steering Group	High	Y	Y	Y	3.2.1(1) All NRIMS outputs on the website within two months of availability.	3.2.1(1a) All NRIMS outputs on the website within two months of availability.	Jun-03
4 Quality and Standards	4.1 Support major natural resource programs	4.1.1 Document and review overall natural resource information management framework, of which the NRIMS forms a part; publish on Internet and link to other whole of government strategies.	Steering Group	Medium	Y			4.1.1(1) Information management framework published and promoted.	4.1.1(1a) Information management framework published and promoted.	Mar-03
		4.1.2 Ensure adoption of NRIMS information management framework (eg data custodianship, data management plans etc) within key programs (see 1.4.1) and that the framework is aligned with needs.	Steering Group			Y	Y	4.1.2(1) Information management framework adopted in key programs.		
	4.2 Develop standards and procedures for data management to facilitate data sharing	4.2.1 Adopt and promote a single classification, as a hierarchy of descriptors, for the sector's natural resource information holdings.	Steering Group	High	Y	Y		4.2.1(1) Classification agreed by Steering Group and used by agencies.	4.2.1(1a) Classification signed off by Steering Group and used in custodianship agreements and CANRI website.	Jun-03
		4.2.2 Identify key funded programs with natural resource information components and negotiate inclusion of data management clauses into project plans and data collection contracts.	Agencies			Y	Y	4.2.2(1) Contracts and plans contain guidelines		

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		4.2.3 Develop and implement an approach for certifying that NRIMS core datasets are compliant with NRIMS standards and guidelines.	Steering Group and Agencies			Y	Y	4.2.3(1) Standards are available and implemented		
		4.2.4 Implement ANZLIC profile of ISO 19115 metadata standard.	Steering Group	Medium	Y	Y		4.2.4(1) Profile implemented	4.2.4(1a) Report on implications from Catalog project for implementing ANZLIC profile	Jun-03
		4.2.5 Develop data presentation standards including map symbology for CANRI.	Steering Group				Y	4.2.5(1) Standards are available and implemented		
	4.3 Promote continuous improvement of data quality to meet customer and user needs	4.3.1 Align NRIMS standards with national and international best practice by liaison with relevant bodies.	Steering Group and Agencies	High	Y	Y	Y	4.3.1(1) Standards are aligned	4.3.1(1a) WFS spec evaluated and adopted if appropriate	Dec-02
5 Data Management	5.1 Engage data managers directly with NRIMS	5.1.1 Establish a forum of data managers to define and address whole-of-government technical policy and data management issues eg. data exchange, data management plans and data models.	Steering Group	High	Y			5.1.1(1) Forum established. Key data management issues identified and reported to NRIMS Steering Group.	5.1.1(1a) Forum established. Key data management issues identified and reported to NRIMS Steering Group.	Apr-03
	5.2 Encourage agencies to ensure datasets are properly managed via data management plans to meet current and anticipated user needs	5.2.1 Review core dataset listing.	Steering Group and Agencies	High	Y			5.2.1(1) Core datasets reviewed by all agencies and new core data lists published.	5.2.1(1a) Core datasets reviewed by all agencies and new core data lists published.	Apr-03
		5.2.2 Complete, publish and implement data management plans for core datasets identified in the NRIMS custodianship agreements.	Agencies	Medium	Y	Y	Y	5.2.2(1) Data management plans adopted and in use for 50% of core data sets	5.2.2(1a) Audit existing data management plans. Re-assess value of and approach to plans. Agree on next steps.	Apr-03
						Y	Y	5.2.2(2) Substantial progress on 30% of tasks identified in plans each year		

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		5.2.3 Revise and publish model Data Management Plan	Steering Group	Medium	Y			5.2.3(1) Model Data Management Plan revised and published.	5.2.3(1a) Data Management Plans recast to include summary checklist and planned actions as an aide to agencies. Need for over-arching agency wide data management plan for all natural resource datasets within an agency investigated.	May-03
		5.2.4 Prepare funding bids to address gaps identified in data management plans.	Steering Group				Y	5.2.4(1) Funding bids reflect gaps identified.		
		5.2.5 Coordinate the implementation of the Geocentric Datum of Australia (GDA) within natural resource agencies.	Agencies			Y	Y	5.2.5(1) Core data sets transformed to GDA by June 2005		
	5.3 Ensure metadata for natural resource datasets is complete and published for users	5.3.1 Ensure that all core datasets have current and complete metadata statements (including quality fields) reported through the NSW Natural Resources Data Directory (NRDD).	Agencies	High	Y			5.3.1(1) All core data sets have up-to-date metadata statements reported in the NRDD, with quality fields completed	5.3.1(1a) All core data sets have up-to-date metadata statements reported in the NRDD, with quality fields completed	Jun-03
						Y	Y	5.3.1(2) All metadata records for core data sets are reviewed and updated each year to ensure they are current and complete		

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		5.3.2 Revise and maintain metadata records for other natural resource datasets.	Agencies	Medium	Y	Y	Y	5.3.2(1) All new NRIMS agency datasets have metadata records reported in the NRDD each year	5.3.2(1a) All new NRIMS agency datasets have metadata records reported in the NRDD each year	Jun-03
					Y	Y	Y	5.3.2(2) Increasing number of currently maintained but unreported NRIMS agency data sets have metadata records provided to the NRDD each year	5.3.2(2a) Increasing number of currently maintained but unreported NRIMS agency data sets have metadata records provided to the NRDD each year	Jun-03
	5.4 Report on progress with data management	5.4.1 Report on agency compliance with natural resource information framework guidelines (eg. metadata, data management plan aspects, custodianship responsibilities, etc) to assist with data management.	Steering Group			Y	Y	5.4.1(1) Report published and follow-up actions agreed.		
	5.5 Foster improved data exchange and integration	5.5.1 Define and implement inter-agency Data Exchange Framework and associated technologies.	Steering Group	Medium	Y	Y	Y	5.5.1(1) Framework in use by agencies.	5.5.1(1a) Extranet and web access management facility under development (if funded by connect.nsw).	Jun-03
		5.5.2 Define and implement inter-agency data models, for key natural resource information themes (biodiversity, water quality) to support interoperability between agency databases.	Steering Group	High	Y			5.5.2(1) Draft data models for water quality and biodiversity demonstrated.	5.5.2(1a) Draft data models for water quality and biodiversity demonstrated.	Jun-03
		5.5.3 Define and implement inter-agency data exchange framework and associated technologies.	Steering Group			Y	Y	5.5.3(1) Framework in use by agencies.		

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	5.6 Ensure consistency in agencies' natural resource management data licence agreements	5.6.1 Develop standard NSW government data licence agreement for all natural resource agencies.	Steering Group	High	Y			5.6.1(1) NSW standard natural resource management data licence agreement published and promoted	5.6.1(1a) NSW standard natural resource management data licence agreement published and promoted	Feb-03
6 Data Access	6.1 Establish and develop access to natural resource maps and data via Community Access to Natural Resources Information (CANRI)	6.1.1 Link all agency core natural resource management datasets via the CANRI framework and for viewing via the Natural Resources Atlas where appropriate.	Agencies	High	Y	Y	Y	6.1.1(1) Core data sets available for viewing via the Natural Resources Atlas	6.1.1(1a) 30% increase in core datasets available via NRA.	Jun-03
		6.1.2 Link other priority natural resource datasets to CANRI.	Agencies	Medium	Y	Y	Y	6.1.2(1) 30% increase in other priority data sets available for viewing via the Natural Resources Atlas each year	6.1.2(1a) 30% increase in other priority data sets available for viewing via the Natural Resources Atlas	Jun-03
		6.1.3 Provide access to base map data for CANRI - eg topographic data, cadastral boundaries, bathymetric data.	Steering Group	High	Y	Y		6.1.3(1) Raster and vector data sets available for CANRI at best available scale across NSW	6.1.3(1a) Topographic vector data from LPI served by DLWC.	Oct-02
					Y	Y			6.1.3(1b) Pilot under way to access topographic vector and raster directly from LPI server.	Jun-03
	6.2 Streamline administrative processes by addressing customer access issues of data security, privacy, liability and pricing	6.2.1 Implement NSW Information Pricing and Access Policy within NRIMS agencies, when it becomes available.	Agencies	Medium	Y	Y		6.2.1(1) All NRIMS agencies implement policy	6.2.1(1a) NRIMS need for policy finalisation is communicated to DITM.	Apr-03