

Data Framework		CANRI Project # 03											
PROJECT DELIVERABLES 2001/02													
Deliverable # Deliverable at Stage #	Deliverable Name	Description	Public?	DELIVERABLE TYPE							Other - details	Comments	
				Portal	Application	Catalog	Operator	Repository of data	Network	Other			
1	1 Project Plan	This project plan, schedule, organisational chart and list of deliverables.	Y								Y	Plan	
2	5 CANRI system documentation	Up-to-date graphical and textual online system documentation for CANRI published on the CANRI website, encompassing all components of the CANRI online framework developed to June 2001, including portals, applications, the metadata catalog, the map broker and other operators and data repositories.	Y								Y	Documentation	
3	5 Implement Rational Unified Process	Best-practice rigorous, methodical processes for managing software development and deployment, including: specifying user requirements; documenting and testing use cases with users; outlining the design of new or modified CANRI software; and carrying out software testing.	N								Y	Implement new and ongoing process.	
4	6 Consolidated natural resources dataset listing	Spreadsheet, agreed by NRIMS custodians, listing all NRIMS core datasets, plus datasets currently on, and to be added to, the CANRI NRA. Includes priorities assigned by stakeholders and custodians' schedule for availability via the NRA.	Y		Y								
5	11 UML data model	A first-cut NSW Natural Resources Management Data Model held within the Rational software in Unified Modeling Language (UML) format. This will be the central repository for ongoing development and definition of NRM data themes. Builds on the existing NRIMS core data custodianship themes and frameworks such as the ANZECC SoE Core Indicators, ANZLIC keywords, and other sources to create a hierarchy of data themes.	Y								Y	System model	
6	10 Fundamental NRM datasets	A hierarchical classification of fundamental natural resources management data themes and datasets (to be served via the CANRI framework and used in key government programs. Links to data already available online, in vector format where possible, to their schema (or list of attributes) where available, and to published agency commitments to serve datasets where these are not yet available.	Y							Y			
7	11 XML schema	Output from the UML model. Framework for linking XML schemas for specific data themes (eg water quality or biodiversity) as these are developed, to enable seamless data sharing and pooling between custodians and jurisdictions. This will serve as a first-cut NSW Natural Resources Management Data Model published on the CANRI or NRIMS website.	Y		Y								
8	14 MoU	Agreement between NRIMS CEOs to serve key datasets and align key programs with the fundamental NRM data model.	Y							Y			Intent: reduce duplication by aligning programs, and streamline service-delivery. Eg programs: SoE reporting, Comprehensive Coastal Assessment, PlanFirst, Catchment Management Plans. Need to define for each MoU the specific links between their program and the model. Eg for SoE, which datasets will be used for which indicators?
9	11 NRM vocabulary	Output from the UML model. Taxonomy of natural resources terms, which hierarchically classifies key datasets within broad themes, and provides synonyms where needed. For use in populating and searching the new CANRI catalogue. For classifying datasets held in the NRDD and other documents and information sources to be catalogued.	Y		Y								
10	15 Hierarchical CANRI homepage	Revised CANRI homepage using hierarchical data theme structure as headings to drill down for access to specific datasets.	Y	Y									
11	15 Hierarchical map data selection specification	Specification for a revised data selection widget using hierarchical data theme structure in the Natural Resources Atlas & other applications (ie to simplify the "Search for data" form).	Y	Y									
12	16 Updated CANRI system documentation	Online system documentation for CANRI systems developed during 2001-2002.	Y								Y	Documentation.	