



<http://www.nlwra.gov.au>

Audit 2003 - 2007

National
Land & Water
Resources Audit

A program of the Natural Heritage Trust

NATIONAL LAND AND WATER RESOURCES AUDIT (1998 – 2002)

•AUDIT - What were the outputs?

•Theme Based Reports

- Water
- Salinity
- Vegetation
- Rangelands
- Aust Agriculture /Capability
- Australians and NRM
- Catchment, River and Estuary Health
- Biodiversity

• **Data and Information** - Aust Natural Res Atlas/Library

• **Final Report** - Recommendations





Users

Atlas/Library

Protocols

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Common Data and Information



AUDIT (2002 – 2007)

The Audit provides data, information and nationwide assessments of Australia's land, water and biological resources to support sustainable development.

Strategic Directions

- ➔ Providing information to allow **monitoring and evaluation** of Natural Resource Condition and Trend
- ➔ Promote the development of **linked** Natural Resource Management **Data and Information Systems**.
- ➔ Facilitate the on going collection, collation, **integration** and management of data and information.
- ➔ Develop **partnerships** and linkages across government, industry and regional organisations.



NRM Reporting

Policy Initiatives



Reporting **Change in Natural Resource Condition**
(and why?)



Reporting
Program Evaluation
(NAP/NHT)



Indicators - Land Use

- Land Use Mapping - Cadastre
Land Use Objectives/Planning

Indicators - Land Management - BMP - Industry/Land Manager

Indicators - Socio-economic

- ABS (contextual)

Indicators - Natural Resources

- Soils/Veg/Water/Fauna
(Land Capability/Hazard)





Users

Reports (Aust/Region/State/Catchment/LGA)

Analysis/Models/Tools

Multiple Atlases and Libraries

Regions

Theme 1

Theme 2

Theme 3

Theme 4

States

Theme 1

Theme 2

Theme 3

Theme 4

Catchments

Theme 1

Theme 2

Theme 3

Theme 4

LGAs

Theme 1

Theme 2

Theme 3

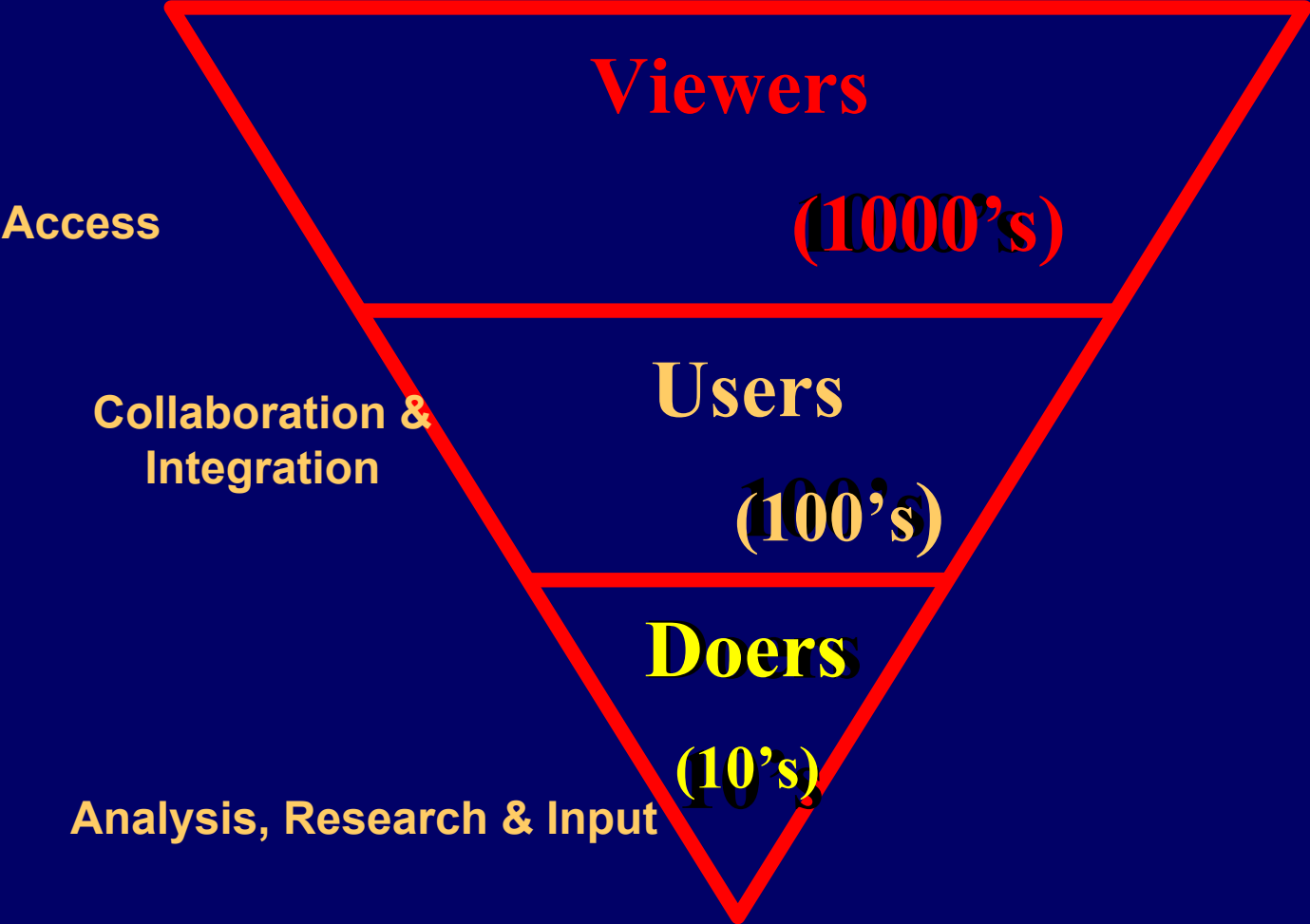
Theme 4

Common Data and Information



Spatial Information Trends

"Collect once - use twice"



AUDIT (2002 – 2007)

Issues

Data management and use

- Data and information able to be **Integrated**
- **Client driven** - (e g User defined regionalisation)
- **Common protocols** / infrastructure
- **Capacity Building** - NRM/Communities

Information Networks

- **Access** to many and linked Atlases and Data Libraries
- Analyses undertaken **remotely** from Data collections

Reporting

- Integrated analyses (local and national) - **Consistent and agreed methodology**
- Agreed reporting framework (Shared data, information and interpretation?) - **Partnerships** (Community/Industry/Government)



Take homes

- Distributed Networks (Data/Information/Tools)
- Standards (policies/consistency/methods)
- Capacity Building (land managers/communities)
- Access (Access agreements/ availability)
- Reports and Reporting (coordination)
- Partnerships, Partnerships, - a shared vision?

