

An Indicator e-library

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Ministry for the
Environment
Manatū Mō Te Taiao



A web-based Indicator Library

(A follow up action step from the last forum)

- Easy access to data by all government and non-government organisations
- Ability to explore and link to data from different sources
- Ideally, a GIS-graphical interface
- Ideally, the ability for individualised on-line report generation

Staged Project – this first stage

1. Collate/document existing environmental indicators (Meta data)
 - MfE's core environmental indicators
 - Other central government environmental indicators (MSD, MoH, etc)
 - Regional Councils
 - Selected three District Councils

Meta data tabulated

- Domain (Environment) – Sub Domain (Fresh Water)
- Indicator Level (National, Regional)
- Indicator Set (Core national environmental, Environment NZ 2007, Environment Waikato, MSD)
- Indicator Name (Lake Water Quality) – and Brief Description
- Variable (Trophic Level Index) – and Brief Description
- Measurement Unit (6 grades, v.low to saturated with nutrients)
- Performance, Guidelines, Standards
- Spatial coverage (NZ, Regional)
- Frequency measured and reported
- Length of record
- Sampling or methodological protocol
- Indicator Reporting Agency (MfE)
- Primary and secondary documents URL's

Staged Project – next stages

(subject to funding and agreement)

2. Focus on a set of key environmental indicators for web-based product
3. Prepare tender document for web page
4. Develop environmental e-library webpage
5. Expand to include cultural, social, economic indicators
6. Review existing indicators, gap analysis
7. Expand to include new indicators

Example e-library sites

- Community Indicators Victoria, Australia
www.communityindicators.net.au
- Community Accounts
Newfoundland/Labrador, Canada
www.communityaccounts.ca

Information on e-library sites

- **Automated ‘Wellbeing Reports’** (Brief description of region, summary and tabulated/graphed data for pre-selected ‘core’ indicators)
- **Generate own reports** (selected regions and indicators)
- **Online tutorial**
- **Background information reports**
- **Listed metadata**
- **Links to other sites**