

Environmental Indicators and Reporting

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National Environmental Reporting Programme



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Programme objectives

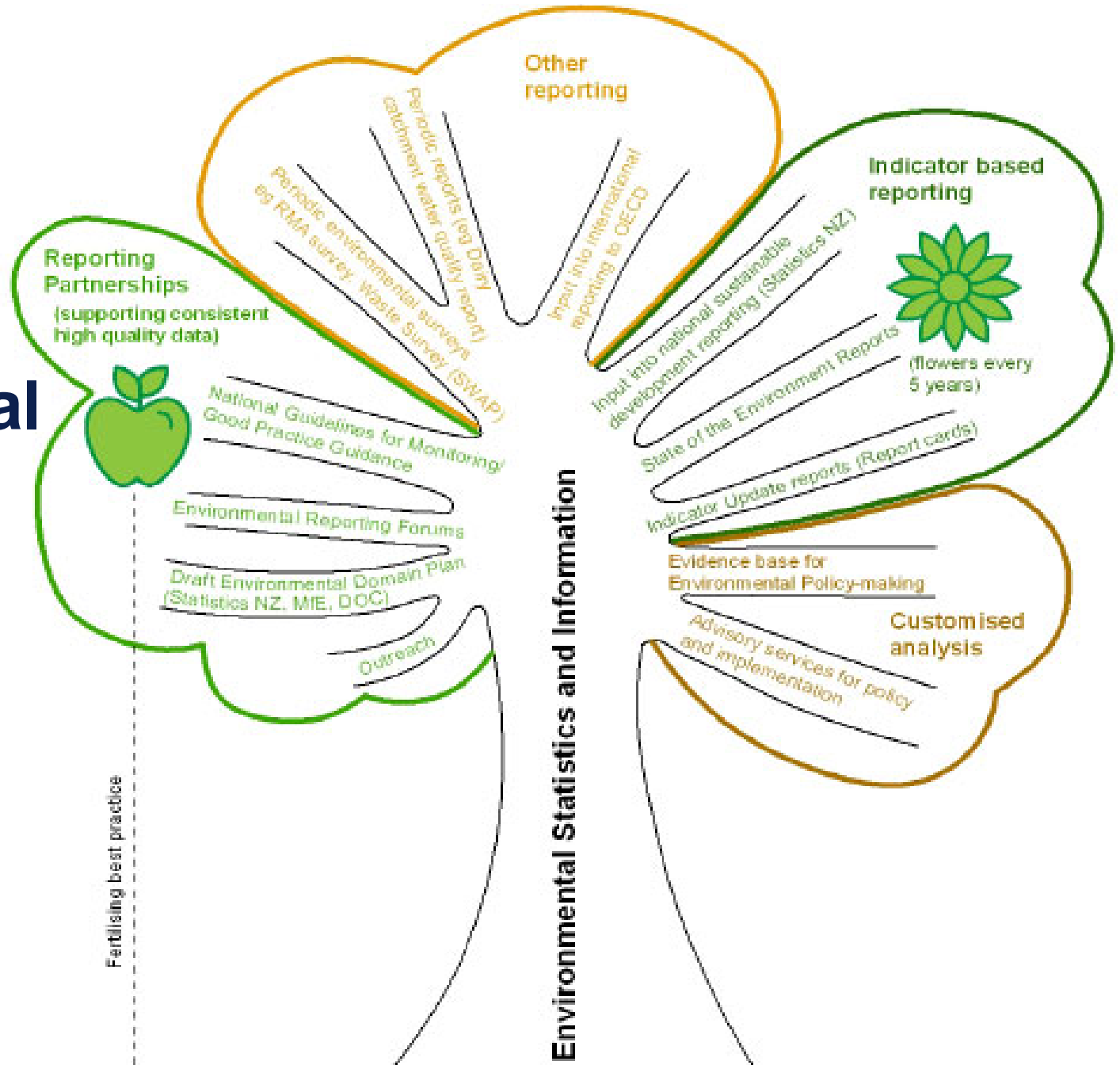
- Provide accessible, high-quality information
- Report NZ's environmental performance internationally
- Support sustainable development reporting
- Improve the quality, consistency & coverage of environmental data in NZ



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Structure of the national environmental reporting programme



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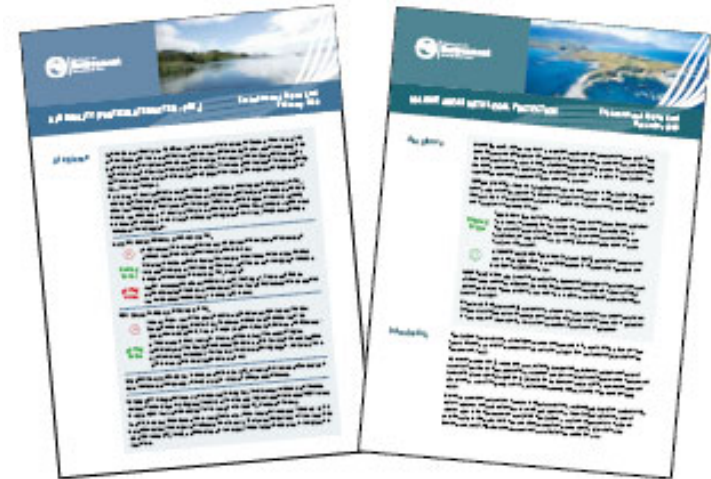
Programme development

- Independent review of *Environment New Zealand 2007*
- Development of Reporting Framework
- Technical guide to the national indicators
- Review of regional-level, national-level and OECD indicator programmes
- Creation of 'family' of reporting products
- 3-monthly newsletters to community of interest & 6-monthly environmental reporting forums

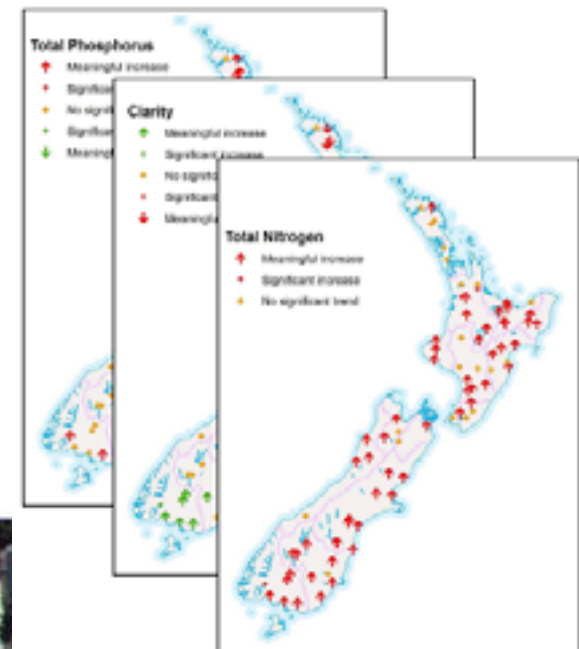


Further development

- Published schedule of reporting
- Regular updates of indicators via 'report cards', 'snapshots' or technical reports
- Website redevelopment (including data on-line) & regular updates via web-pages
- Increasing focus on geospatial/graphic presentation of information



TRENDS AT NATIONAL RIVER WATER QUALITY NETWORK SITES, 1989-2007



OSS principles & protocols (1)

- **Quality:** A culture of continuous improvement, evaluation & sharing best practice
- **Coherence:** Promote and use common frameworks & classifications (nationally and internationally)
- **Accessibility:** Easy-access and timely information presented in a format to suit users' needs



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OSS principles & protocols (2)

- **Efficiency:** Value for money by using existing datasets & sampling where cost is prohibitive
- **Minimising respondent load:** Use of existing variables and standard reporting formats
- **International participation:** International classifications and methods used; reporting obligations to international agencies met

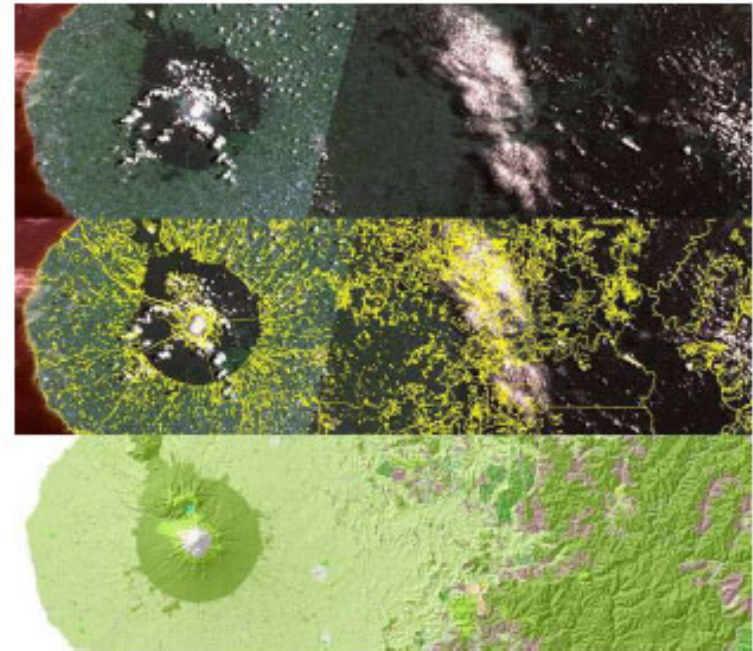


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Present reporting focus

- Groundwater quality
- National cyanobacteria (blue-green algae) guidelines (for fresh water)
- Fish stocks and fisheries effort
- Protected land area
- LUCAS data/maps (land use change)
- Soil health



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Future focus

- Major focus on fresh water – data commissioning under scope
- Land also a focus – data commissioning under scope
- Early work with MFISH and others to try and collate existing marine datasets into a national database (or similar)
- Working with NIWA and others to improve access to freshwater data and information (via Forum working group)
- Web-based environmental indicator e-library



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