

Final report template for Community Projects and Internet Research - to be sent to gertrud@internetnz.net.nz on the date specified in your contract

Grant reference number:	#PRS2201600007
Name of recipient	<i>Brent Wood</i> _____
Name of organisation (<i>if applicable</i>)	NZOSS
Title of project/research	Implement a self-maintaining production metadata catalogue describing NZ WMS and WFS services.
Amount of funding received	\$5000
Budget details	<p><i>Donation for cloud service provider \$1000</i></p> <p><i>Donation for sysadmin support \$1250</i></p> <p><i>Donation for Geonetwork catalogue support \$1000</i></p> <p><i>Donation for web page/brochure support \$1250</i></p> <p><i>Project admin/printing/ \$ 500</i></p> <p><i>Total costs: \$5000</i></p> <p><i>Total funds: \$5000</i></p> <p><i>Overspent/underspent: \$0</i></p> <p><i>The server has been implemented, is operational, but the project is still a work in progress.</i></p> <p><i>We are adding further agencies (as we can) to the catalogue, and working with councils (such as ECAN) that are not currently providing suitable OGC WMS/WFS services. (These are industry standard web services recognised by LINZ and DIA as the preferred approach to delivering spatial data via a web service or public API).</i></p> <p><i>We are also working with the (Open Source) catalogue software developers to improve the software's support for this sort of installation, which is not its primary purpose.</i></p> <p><i>Support is volunteer, the funds have been</i></p>

	<p><i>spent as donations for their time, and do not reflect the value of their input to this project.</i></p> <p><i>Brochures have been designed and printed and presentations on this system are being presented to R User groups around NZ (Wellington and Auckland have been covered, with an initial enthusiastic response).</i></p> <p><i>The project has been successful, is robustly operational and implemented with a fully public and open automated build process.</i></p> <p><i>The planned objectives have been met, on budget and on time, but requires ongoing support and maintenance to remain operational.</i></p>
<p>Project/research approach and methods</p>	<p><i>The project was proposed only after initial agreement for server facilities and suitably capable and enthusiastic volunteers had been found for:</i></p> <p><i>system setup, administration and maintenance;</i> <i>web sites and publicity development;</i> <i>catalogue support and development</i></p> <p><i>A problem I have experienced with previous similar volunteer initiatives is the loss of volunteers due to changing priorities – a genuine long term commitment can be difficult to sustain. The donations made possible by the Internet NZ funding have helped ensure an ongoing commitment to this project is ensured, to assure the project of ongoing support, even without ongoing funding.</i></p>
<p>Summary of project/research outcomes</p>	<p><i>Keeping to timelines was difficult, but the people involved have committed time and resources to this project, and it has progressed to become a useful resource. As we add more agencies and datasets to the catalogue, its value will increase, and</i></p>

	<p><i>enable the NZ Open Data community to encourage other agencies to establishing OGC Web Services services for their data, and meeting their obligations under the 2011 Declaration on Open and Transparent Government.</i></p>
Achievements	<p><i>A team of suitably skilled people is now engaged to support this project into the future.</i></p> <p><i>Agencies already providing these services can use the catalogue as a demonstration of their success, and those failing to do so can be encouraged to up their game.</i></p> <p><i>The recommended standards for delivering spatial data by government agencies as demonstrably showing their value, and showing NZ as leaders in this space.</i></p>
Difficulties	<p><i>I was away from NZ for some of the year, so managing the project and sustaining good communications was difficult at times, but the team is aware of this and we work around this as much as we can.</i></p>
Findings/learnings	<p><i>Relatively small amounts of funding can assure volunteer-based project of ongoing commitment that can be difficult otherwise.</i></p>
Do you anticipate their being anything media-worthy in your project/research*	<p><i>As work in progress, this will hopefully never be “finished”, as new agencies provide these services and are added to the catalogue. Currently it is useful, and has potential for being a nationally useful resource, but until more of this potential is realised, I’m not sure it is yet at a “media-worthy” status.</i></p>