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| Grant reference number: | # PRS2201600002 |
| Name of recipient and contact details | *Project De-Vine Trust*<br>*Contact Chris Rowse* |
| Name of organisation *(if applicable)* | *Project De-Vine Trust* |
| Title of project/research | To create a geospatial database and field application for Project De-Vine Trust |
| Amount of funding received | *$16,450 + GST* |
| Budget details | *List a breakdown of any expenditure to date and compare it with your expected expenditure*<br>See attached spreadsheets *"Internet NZ Financial Report vs Budget June 2018" and "Internet NZ Financial Report June 2018"*<br><br>*Have you achieved what you expected to achieved and with this spend? (If "No", please provide more details)*<br>YES<br><br>*Please account for any areas of overspend or underspend.*<br>Overspent = $4952.54 to date.<br>The hours to create the database, cost of the devices, software licences were all higher than budgeted. Plus, travel costs were forgotten in the original quote for the database creator to travel from Nelson to Takaka (216km return). Total overspend = $4952.54<br>We have allowed for training time for the field team leaders and the office person =$4325-$387.50=$3937.50 still to be spent. It is highly likely that some of it will not be needed. Revised estimate is instead a further $2500 (allowing for one more visit by the creator) producing a saving of $1437.50.<br>Estimated total overspend when the system is fully implemented and staff trained and competent in its use = $247.54 + $2500 = $2747.54 |
| Project/research approach and methods | The need for the field teams to be able to send their daily report straight to our computer was seen as a major step up in our reporting process. Various learnings around the technical details involved in the solution. The design is based on its use of leading edge software and improvements to conservation outcomes |

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| Summary of project/research outcomes | *We did achieve what we set out to and although it took longer than expected – see emails sent to explain our delays – it has all come together.* |
| Achievements | User stories complete.<br>Geodatabase design complete and tested.<br>Existing data reviewed and data migration process complete and tested.<br>Mobile GIS application software chosen and installed.<br>De-Vine license and account with GIS software provider arranged and in use for development purposes.<br>Test forms developed and tested for survey and control based data collection in the field.<br>Mechanisms for transferring data between mobile app and geodatabase developed.<br>Tablets loaded and set up. Trial run completed successfully.<br>Office Staff person is now trained to use it.<br>Field workers will be trained over the next weeks. |
| Difficulties | *The biggest process involved being clear about the data that we wanted to collect and how it could be set up for easy entry by the team leaders.* |
| Findings/learnings | *The major take away point was our partnership with Tasman District Council. They provided us with the complete list of all properties (greater than 1200m2), with the address and name of the registered landowner, that are in Golden Bay. This allows us to work anywhere in the area and store the data from each property in an easily retrievable and analysable format. An address update can be provided yearly or to suit to allow for new sections and changes of ownership*<br><br>*Learnings: the quote was too low. The various quotes for software and devices (we switched to tablets at a greatly increased cost, but increased ease of use). Changes to the details of data collected resulted in extra work to clarify and install. The Department of Conservation requested us to start using a new data evaluation of properties wherever their grants are involved, that needed to be added to the devices.* |
| Do you anticipate their being anything media-worthy in your project/research* | Based on its use of leading edge software and improvements to conservation outcomes, once implemented, this GIS project will be worthy of media attention. Other groups might be interested in copying its methodology. |