

# Nursery Concept for the Sargood Bequest



Environment : Native : Sustainable : Education : Nursery : Planting : Community : Water :: Local

**Te Kákano** - the seed  
*Conservation Nursery Lake Wanaka New Zealand*

## Executive Summary

This document was produced at the request of the Sargood Bequest to establish and understand what would be required to develop a community native plant nursery.

The three main project components of this nursery are:

- plant production nursery
- display gardens
- education centre

The community nursery will have a focus of growing eco sourced native plants for regeneration projects; the education centre will focus on education of the various people and groups in the community and become a hub for these groups; the display gardens will provide an important link to the nursery and education centre by providing an outdoor classroom and seed resource.

Preliminary investigations indicate that a basic native plant nursery, education centre and display gardens will cost in the vicinity of \$630,000 to set up. To produce approximately 100,000 plants annually will cost in the vicinity of \$200,000.

The initial consultation with the various community and commercial groups involved with similar projects has been very positive. Most have expressed an interest in the project and believe it is an excellent initiative that they would support.

There is a good market for plants for regeneration and commercial sale in the Wanaka area. This market would help fund the project, however top up funding from other trusts and donations will be required.

It is recommended that a core group of full and part time staff will support a large number of volunteers from the local community who will form the back bone of the project. They will be involved in the whole process of regeneration, from seed collection to planting and maintaining regeneration sites.

For the purposes of this feasibility study calculations and assumptions have been made based on the nursery site being a flat rectangle block of land and all buildings being basic prefab structures. It is recommended that once a suitable site is identified, further investigation is made into sustainable building and design practices.

## **Vision**

To have a successful sustainable native plant nursery that is able to supply large numbers of plants for regeneration projects, while educating as many people as possible about the importance of respecting our environment

## **Mission**

To have a flourishing sustainable community based native plant nursery that is managed by professionals and provides large volumes of plants for regeneration projects and ensures participation and education to all groups in the community.

## **The Name**

The name Te Kákano is a Maori name that translates in English to the “the seed” and it is planned that from this project many more seeds will grow into projects that benefit many communities in New Zealand.

## **Objectives**

1. Set up a large sustainable community based native plant nursery in Wanaka
2. Produce a suitable range of eco-sourced native plants suitable for regeneration projects either managed by Te Kákano or other community groups
3. Build an indoor/outdoor education and environment centre that Te Kákano, other community groups and education providers can use to deliver programmes
4. Develop a volunteer network that provides a community spirit and labour for the nursery
5. Develop commercial relationships with individuals/groups to grow plants on contract
6. Provide free/discounted plants to groups looking to do native plant regeneration projects
7. Ensure the nursery is sustainable
8. Develop a handbook/guideline/how to do it guide for community plant nurseries - how it is run, the rights and wrongs etc... for use by other groups to ensure that Te Kákano can be easily duplicate by other groups at minimum cost
9. Form partnerships to ensure similar community projects are not duplicated
10. Ensure that suitable funding opportunities are available to support the running of the nursery

## Major Project Components

There are three major project components that will work together to make the Te Kákano project, they are; the Native Plant Nursery, the Education and Environmental Resource Centre and the Display Gardens.

### Native Plant Nursery

The Te Kákano native plant nursery will be a community driven facility overseen by the Trustees of the Te Kákano Trust (yet to be established). It will be a facility where large volumes of eco sourced native plants can be grown for regeneration and conservation projects, it will also be used as part of the education and environmental centre as a vehicle to facilitate education. It is intended that the nursery will comprise: shade houses, green houses, growing out areas, potting up areas, staff room, storage facilities and a commercial retail sales area.

### Education and Environmental Resource Centre

The Te Kákano Education and Environmental Resource Centre will be a facility that Te Kákano and other community groups and education providers can use to deliver their programmes. The centre will provide and facilitate projects, activities and services that give power to the community to take action that significantly improves the quality of the environment. The key activities of the centre will be to:

- Facilitate, motivate and inform existing and new groups within the community to take action that greatly improves environmental quality
- Provide and facilitate environmental information and education services for the community
- Act as a focus and meeting place for community action on environmental issues and projects
- Provide a real life facility to achieve the Te Kákano key activities
- On going development of a handbook and guidelines for other community groups to use when developing their own projects

### **Display Gardens:**

The display gardens at Te Kákano will be a very important link for the three major project components of this project. It will provide plants to continue ongoing eco-sourcing of seeds and a real life native plant environment for the Education and Environment Centre.

The display gardens will:

- Provide a resource for groups to facilitate education
- Help people understand the benefits of native plants
- Show people the different forms of native plants
- Encourage people to plant native plants (games for children)
- Educate people on native plant identification
- Create an environment to enjoy
- Create a stock of adult plants for eco-sourcing seeds
- Encourage locals and tourists to visit, learn and volunteer
- Double as a riparian margin for water runoff from the nursery
- Teach people about the objectives of Te Kákano and other related groups
- Be a low key tourist attraction

*See appendix 1 for an example of the Motukarara Conservation Nursery display gardens and resource centre.*

## Benefits of the Te Kákano Project

Listed below are the potential benefits to Te Kákano and its commercial and community partners.

Benefit to commercial and community partners	Benefit to Te Kákano through commercial and community partners
<ul style="list-style-type: none"> <li>• Clean waterways via riparian margins</li> <li>• Increased profile and community goodwill by being aligned with successful community project</li> <li>• Access to locally grown eco sourced plants including endangered plants</li> <li>• Supporting a sustainable nursery</li> <li>• Inroad to community groups</li> <li>• Provides a nursery model ready to use</li> <li>• Provides a hub for networking and collaboration</li> <li>• Gives a strong link to the horticultural industry</li> <li>• Regeneration of land for long term protection</li> <li>• Provides skilled staff</li> <li>• Provides an education centre to deliver programmes</li> <li>• Provide a centrally located place for storage and access to local eco sourced seeds</li> <li>• Provides a commercial facility for students/staff to do work experience and train apprentices</li> <li>• Opportunity to achieve a Triple Bottom Line (measuring social, environmental and economic outputs)</li> </ul>	<ul style="list-style-type: none"> <li>• Access to local areas and crown estate for eco-sourcing native seeds</li> <li>• Opportunity for other groups to provide volunteer support in return for knowledge</li> <li>• Use of existing resources, so valuable resources are not spent duplicating existing work</li> <li>• Access to Triple Bottom Line expertise</li> <li>• Alignment with land industry bodies (DOC, Landcare Research etc)</li> <li>• Provide marketing avenues to help create a sustainable a tourism programme</li> <li>• Profile in community</li> <li>• Provides volunteers/staff with good formal education to keep the organisation young and vibrant</li> <li>• Gives a strong link to the horticultural industry</li> <li>• Regeneration of land for long term protection</li> <li>• Create income that will fund plants for the community</li> </ul>

## The Market

As you will see from appendix 4 there are numerous groups in Wanaka that are working on environmental projects. However after informal consultation with the various community groups it is obvious that the market for plants for community regeneration projects is very limited, in the range of 3,000 - 6,000 plants per year maximum. This is not based on the need for plants but more the resources of the groups planting them. There is no shortage of potential regeneration projects in the greater Wanaka area. This reinforces the need for Te Kákano to take a proactive approach in driving community regeneration projects as part of its objectives.

Potential regeneration projects may include:

- The community's key local and surrounding areas including water catchments and outstanding natural landscapes e.g. Wanaka and Hawea lakefronts and river ways, Clutha Mata-Au River Parkway, Ruby Island, Waterfall Creek, Millennium walkway etc.
- Planting requirements for proposed subdivision developments
- Native corridors and riparian margins within existing farms and private land

Numerous commercial groups were consulted and this is where a potential opportunity exists for Te Kákano to generate business to support the community plants for free/discounted programme. All groups spoken to have expressed a positive interest in the project and said where possible they would support the project through the purchase of eco sourced native plants.

The following organisations were asked to indicate without commitment the approximate spend on native plants per annum: Queenstown Lake District Council (QLDC) - \$65,000.00, Vehicle Proving Ground, Treble Cone, John May (property owner/developer) \$10,000.00 each. The QLDC in particular has the potential for a strong long term relationship with Te Kákano \$65,000.00 tagged for regeneration for annum in the Central Lakes area. Paul Wilson (Open Spaces Manager for QLDC) has indicated that they would be very interested in creating a long term relationship with a project like Te Kákano.

Infinity Investments who are working on developments at Peninsula Bay and Hill End Station have also said they would support the project depending on the timing and demand for their projects. They did not specify the amount of plants or money they could commit.

The remaining potential comes from the larger property developers in the Wanaka region. Although these developers have not been approached it is assumed that with the large scale of these developments and the requirements for native planting there will be an interest in eco sourced native plants. These groups are as follows:

- John Darby - Glendhu Bay and Aubrey Road - Outlet
- Alan Dippy - Ballantyne Business Park and Timsfield - Lake Hawea
- Cross Hill Farms Limited - Dublin Bay
- David Read Homes

Taking into account the above information it has been assumed that if the right relationships were developed there could be an opportunity for around \$200,000.00 of commercial business per annum for Te Kákano.

## Production Plan

Assuming an area of 4000m<sup>2</sup> for the Te Kákano nursery, a target for production of 100,000 root trainers or similar per annum is more than practical. It is assumed that 100,000 plants will be a target for Te Kákano to reach over the first 5 years as demand grows. Production time will vary between 12 - 18 months from seed to sale depending on the species of plant and weather conditions.

There is mixed comment about the most effective age a native plant should be for regeneration. Some believe plants should be at least 2 - 3 years old and others believe 12 - 18 months is more suitable. In general more comments received were favouring the latter; Native plants for regeneration have a better chance of survival if planted younger (12 -18 months) however each area can be subject to dramatic change depending on variables of the environment. E.g. pest, weather, irrigation etc... Community groups and specialist botanists with experience in this area should be consulted further to determine what is required for each regeneration project on a case by case basis.

The species required in the Wanaka area vary greatly from one side of Wanaka to the other, therefore it would be beneficial to consult further with Anne Steven (Wanaka Landscape Architect) and Lucas Associates who have been working on a map of the indigenous vegetation of the district. As a starting point a general list of the plants required has been established with the assistants of Dunedin Botanist Peter Johnson.

*See appendix 2 for a list of potential plants for Te Kákano plant nursery.*

## Operations

### Staff

Te Kákano will be managed by professional full-time and part-time staff extensively trained in their required field. It is likely that a nursery producing approximately 100,000 plants annually will require two full-time nursery staff and one full-time administrator. There will also be a need for extra part-time staff over the pricking out period of production (Sep, Oct, Nov and Dec). It is possible that a number of the full-time and part-time staff hours can be reduced with the input of volunteers from the community volunteer network.

### Volunteer Network

It is intended that a large part of Te Kákano will be run by an extensive local volunteer network. Volunteers will be trained and managed by paid full-time and part-time staff. Wanaka has a large aging population and a large number of these people are retired, this will be a very good source of labour for the project. This was indicated in data provided in the New Zealand Nursery and Garden Industry Association report on the NZ Garden Market. Other volunteers will come from local environmental groups, schools, eco tourists, Wwoof, and locals interested in volunteering and the environment.

### Collection of Seed

The collection of seeds will be done by the staff and volunteers of Te Kákano with guidance from the Department of Conservation (DOC) and other friends of Te Kákano. All seed will be eco sourced from numerous areas around Wanaka; however the initially stock of seeds will be collected from the DOC estate under authority from DOC. In the future the display gardens and Te Kákano regeneration sites will become the source for some of the seed collection.

### Propagation

Once seed is collected it will be sown into trays in the main potting shed and moved into the green house or shade area for the germination process. When the seed is sufficiently germinated it will be pricked out into root trainers or similar and placed in the shade area for the next stage of its growth. Finally the root trainers will be placed in the stand out area for hardening before sale or planting. Full details of the propagation process for specific species will be finalised by the Te Kákano nursery manager.

### **Potting Operations**

The potting operations area should be an area where staff can interact with each other; this will ensure that the monotonous process of pricking out is made easier through social contact. A radio is also a must. The potting mix bin has been located on the end of the potting area to minimise the movement of the potting mix. Potting mix will be premixed off site by a yet to be chosen supplier and delivered in bulk to reduce freight costs.

*See appendix 3 for potting mix bin plan from Makaurau Marae Nursery.*

### **Plant Movement**

It is incredibly important in a nursery of this size that the movement of stock is kept to a minimum, so effective nursery layout and design will play a large part in reducing plant movement. Carts and trolleys will be used to move plants around the nursery. A Ute will be used for the delivery of plants and materials to clients and regeneration projects.

### **Management of Regeneration Sites**

In every regeneration site Te Kákano will develop regeneration packages to ensure a system of ongoing site management is in place. This will ensure that plants are well established to survive competition against drought, weeds, pests, disease and human interference.

### **Supply of Free/Discounted Plants**

For most not for profit groups fundraising is one of the more difficult parts of their job and can often be unsuccessful and highly stressful. Many local groups are willing to invest their time but are not able or willing to invest their own money as well. The idea of the Te Kákano plants for free programme will be to provide eco sourced locally grown plants for free or discounted to groups undertaking restoration projects on protected land. This will increase the number of plants going into restoration projects and give environmental groups more time to do the hands on part of restoration.

Te Kákano will need to ensure that plants given for free are protected from future developments. The most obvious option is the QEII National Trust. The QEII National Trust helps landowners protect significant natural and cultural features on their land. This includes: Landscapes, Wetlands, Cultural sites, Coastlines, Wildlife habitats, Native forest remnants, Tussock grasslands, Streams and water features, Geological features, High country, Threatened species habitats, Arboretums and Archaeological features.

## **Partnerships**

In the Wanaka area there are numerous groups working on projects to protect and regenerate the local environment. Te Kákano's goal is to work alongside these groups and create a setting where groups can come together to work on the common goal of improving the environment we live in through the regeneration of native plants.

*See appendix 4 for a list of the groups that Te Kákano intends working with.*

## Development Plan

The following development plan is only intended as a guideline for the Te Kákano project and will be subject to numerous changes until a design, location and budget can be finalised.

### Pre-construction

1. Establish a suitable site location
2. Confirm final plan for building design, nursery layout including irrigation and drainage
3. Determine sponsorship levels for construction process
4. Advertise for volunteer labour and expertise in construction process
5. Obtain necessary permits - Resource and building consents
6. Send plans out for tender on remaining work and materials
7. Reconfirm and sign off budget with trustees
8. Finalise contractors for works
9. Engage project manager

### Construction

1. Inform trades people of any sensitive areas within building site
2. Level site and form drainage ditches
3. Form display gardens and other landscaping
4. Install storm water drain (this may be collected for use in irrigation of wetlands display gardens)
5. Install water supply (depending on the site this may be mains or bore water)
6. Install underground electrical supply (assumed mains provided to street)
7. Build parameter fence
8. Box and pour concrete pad for buildings
9. Form and build nursery pathways and drives
10. Install buildings and services - Sheds, green houses, shade houses, potting area and bins
11. Install drainage and irrigation
12. Place weed mat and cover with fine gravel
13. Purchase operating equipment e.g. wheelbarrows, carts and tools etc...
14. Develop display gardens, planting signage etc...

## Te Kákano Trust

Te Kákano will establish a trust with a board of directors that will govern the management team of Te Kákano. In order to ensure Te Kákano is a professional organisation it is intended that the following positions be created to form the board:

- Finance Director- Accountant
- Legal Director - Lawyer
- Promotions Director - PR/Marketer
- Administration Director - Administrator
- Environmental Director - Horticulturist/botanist
- Business Director - Business owner/entrepreneur
- Community Director - Community advocate
- Sargood Liaison - Trustee from Sargood Bequest

## Design Considerations

The design submitted with this report is intended to give an indication of the costs and scale of the Te Kákano project and should only be used as a point of reference. The eventual design will be dependent on the final location and budget.

The design of the buildings and nursery is something that requires a lot of consideration if it is to reduce impact on the environment, benefit from natural resources and ensure plants are produced with minimum effort and cost.

The following should be considered before final designs are confirmed:

- The affect the nursery will have on the proposed land e.g. water and mineral run off, endangered plants etc...
- Positioning of buildings and plant holding areas so plants can be moved with a minimum of effort and maximum benefits from the environment e.g. sun and wind
- Minimise movement of plant stock - to avoid double handling and wasted energy resources
- Access in and out of nursery for drop off and collection of stock
- Adequate space to match plant and staff production targets
- Potential growth for future expansion
- Long term opportunity for land use - how long can it be used and limits to use
- Visual effects from neighbouring areas - ensure that building design is suited to landscape

It is recommended that Te Kákano should consider increasing the minimum building requirements in insulation and glazing and have the addition of solar panels, solar hot water and an insulated concrete slab. It is more expensive to retro fit a building than to do it correctly from the beginning. For the final design professionals should be consulted, these professionals would be; Architects, Landscape architects, Quantity surveyors, Botanists and Nursery managers all specialising in sustainable practices.

*See appendix 5 for potential layout plan of the Te Kákano nursery.*

## Financial Forecast

*This financial forecast is provided as an initial guide and is used only as a basic indicator of financial viability. Once a decision to move forward has been established a more detailed plan should be created. For the purpose of the financial model the following values and assumptions have been used.*

### Nursery - separate

No formal quotes were given for the attached budget, without more detailed concept plans and time frames most contractors were reluctant to give quotes and gave informal estimates only.

Community labour has been assumed for numerous tasks in the construction of fencing and shading areas.

Sustainable building design and construction has not been fully investigated therefore further investigation should be undertaken before final design and budget is confirmed. However a figure of 10% extra on building costs has been indicated as a ball park. The cost of retro fitting can be as much as 50% more.

Plant production is based on a one year growing cycle (12 - 18 months) and is assumed that most plants will be sold as root trainers or similar.

As with most businesses cash flow is a big problem, this proposal assumes a \$50,000 start up donation.

The financial forecast only includes plant production costs it not include regeneration costs for labour and materials.

Potential profit from the display gardens is not included in the running costs. The display gardens will take time to establish and it is important that the nursery is sustainable in the mean time.

Assumption that we are able to sell \$195,000 of plants per year from year one.

Wages are based on a worst case scenario, it is hoped that community involvement will account for a large part of this.

All costs are exclusive of GST.

## **Display Gardens**

Visitor numbers have been obtained from the Tourism Research Council New Zealand website. The figure used of 493,700 (rounded to 500, 000) is for total international and domestic overnight traveller visits to Lake Wanaka RTO (Regional Tourism Organisations) in 2004. This figure has been averaged over 12 months so therefore will only give an annual indication of visitor numbers and not a monthly one.

The visitor numbers to the display gardens have been forecast at 5,000 in year 1, 10,000 in year 2, 15,000 in year 3, 20,000 in year 4 and 25,000 in year 5. The initial figure of 5,000 visitors has been established assuming 1% of international and domestic travellers visit the gardens. The increase in annual visitor numbers is not supported by any research but represent a best guess taking into account the increase in awareness of the gardens and visitor numbers to Wanaka. It should be noted that Puzzling World has approximately 155,000 plus visitors per year.

The cost of implementation of the display gardens has been included in the initially set up cost, it is intended that the ongoing maintenance of this will be undertaken by the staff and volunteers of Te Kákano. All of the operating costs (except wages) for the Display Gardens will come via the nursery budget.

No considerations have been given to the effects of weather on open days.

## **Café**

There are no financials or concept included in this document for the establishment of a café, however initial investigations have been undertaken. With the assumption that the Te Kákano display gardens would reach its target of 25,000 visits in 5 years a café would be more than viable assuming that 50% of all visitors purchased a coffee and or food. The impact of the existence of a successful café on visitor numbers to the display gardens and nursery should be investigated further.

## **Development Costs**

*See appendix 8 for nursery set-up costs*

## **Running Costs**

*See appendix 9 for nursery running costs*

## **Display Garden Running Costs**

*See appendix 10 for display garden running costs*

## Funding of the Te Kákano project

### Funding Organisations

This project will require start up funding for capital and operational costs, this initial funding will come from the Sargood Bequest. As this report is intended to guide the Sargood Bequest on its investment an amount has not been agreed, however it is intended that the Sargood Bequest will be a major sponsor. Some of the remaining funding will come from the numerous organisations that offer funding to projects of this nature. Here are some of the major funding organisations that may give the Te Kákano project funding.

Biodiversity Condition Fund

Pub Charity

The Southern Trust

Sustainable Management Fund

NZ Lottery

Central Lakes Trust

BOC Where There's Water Community Environmental Grants

RMA Community Assistance - Environment Centres

Significant Community Based Projects Fund

*See appendix 6 for more details of funding organisations*

Other possibilities for funding could come in the following way:

- Sale of plants to Te Kákano Investors e.g. Developers and landowners (commercial relationships)
- Annual plant sale to public
- Donations - Private and commercial
- Sponsorship
- Education to other groups e.g. societies and tourist groups

### **Commercial Relationships**

Te Kákano will develop business relationships with groups looking to purchase large numbers of eco sourced locally grown plants or regeneration packages. These investors will be known as Te Kákano Investors and these relationships will fund the plants for free/discounted programme. Each Te Kákano Investor will invest a certain amount of money into Te Kákano for a return in plants or a full regeneration package. This is a great opportunity for the investors to obtain eco sourced plants while supporting a community project that not only brings the community together but educates it whilst improving the environment. It will also give the Te Kákano investors the opportunity to work towards becoming a Triple Bottom Line Company. Triple bottom line refers to a company that performs economically, socially and environmentally.

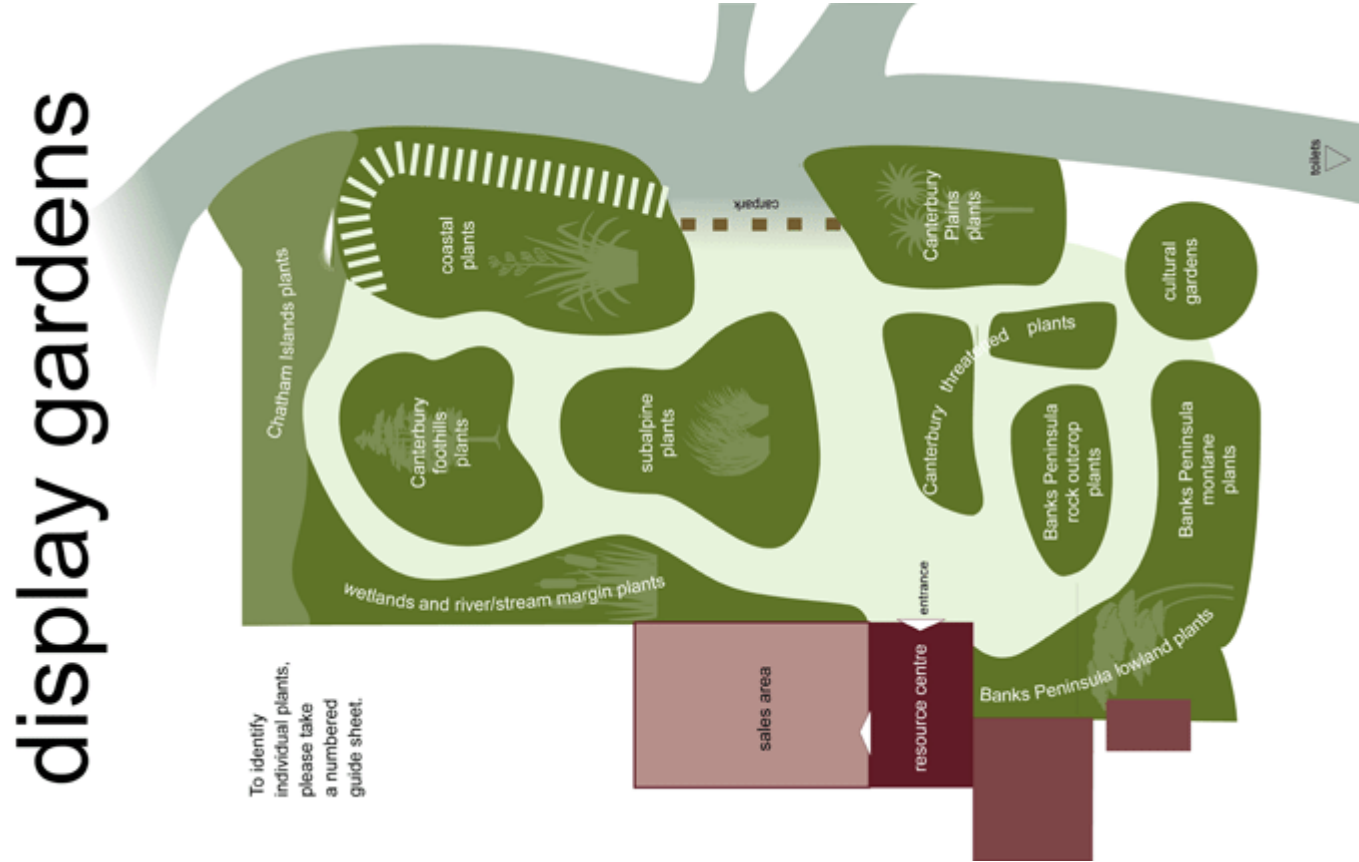
Possible Te Kákano investors would be; property developers, Department of Conservation and other government groups, private land owners, farmers, ski area operators and local garden centres.

## The Next Step

1. Concept completed and submitted to Sargood Bequest
2. Sargood decision on whether they like the concept and want to take the next step (adjustments made and recommendations if necessary)
3. Discussion into the sustainable design and building practices
4. New objective confirmed
5. Legal status determined
6. Site confirmed
7. Board of directors appointed
8. Contractor employed to manage project
9. Budget and contracts agreed
10. Nursery manager employed
11. Designs outlined and quotes obtained
12. Te Kákano Investors approached, including funding organisations
13. Private consultation with all community groups to determine what they would like to see in a centre
14. Community consultation process to confirm community buy in. (Care should be taken not to get community expectation too high and community get too involved causing delay)
15. Proceed with Development Plan

# Appendix

## Appendix 1 Example of the Motukarara Conservation Nursery display gardens and resource centre



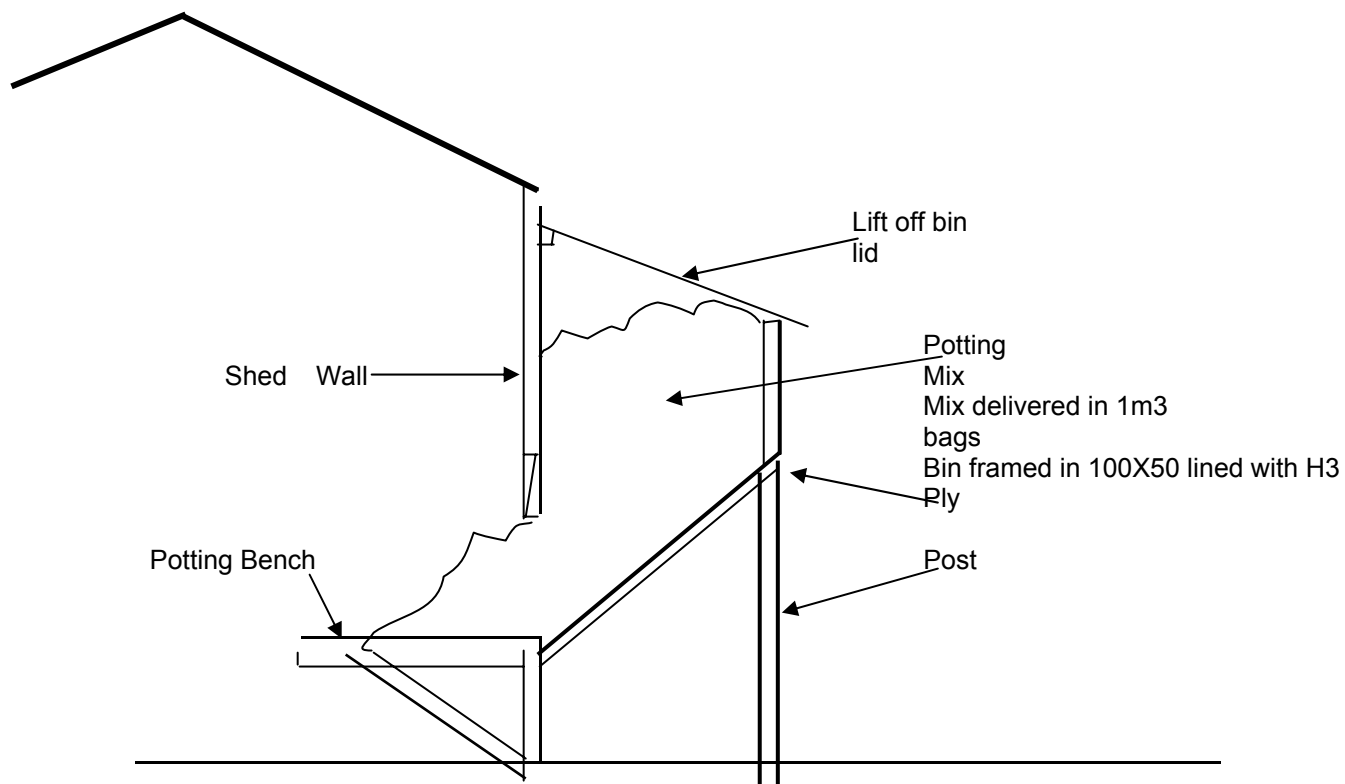
**Appendix 2 List of potential plants for Te Kákano plant nursery**

Family	Species	Common Name
<b>Trees</b>		
Myrtaceae	<i>Kunzea ericoides</i> var. <i>ericoides</i>	kanuka
Fabaceae	<i>Sophora microphylla</i>	
Pittosporaceae	<i>Pittosporum tenuifolium</i>	kohuhu
Podocarpaceae	<i>Podocarpus hallii</i>	Hall's totara
Agavaceae	<i>Cordyline australis</i>	cabbage tree, ti
Araliaceae	<i>Pseudopanax ferox</i>	fierce lancewood
Nothofagaceae	<i>Nothofagus solandri</i> var. <i>cliffortioides</i>	mountain beech
Griselinaceae	<i>Griselinia littoralis</i>	broadleaf, kapuka
Grossulariaceae	<i>Carpodetus serratus</i>	marble-leaf
Myrsinaceae	<i>Myrsine australis</i>	matipo
<b>Shrubs</b>		
Rubiaceae	<i>Coprosma propinqua</i>	mingimingi
Cornaceae	<i>Corokia cotoneaster</i>	korokio
Fabaceae	<i>Carmichaelia petriei</i>	desert broom
Myrsinaceae	<i>Myrsine divaricata</i>	weeping matipo
Rubiaceae	<i>Coprosma crassifolia</i>	
Rubiaceae	<i>Coprosma virescens</i>	
Asteraceae	<i>Olearia avicenniifolia</i>	mountain akeake
Myrtaceae	<i>Lophomyrtus obcordata</i>	rohutu
Scrophulariaceae	<i>Hebe salicifolia</i>	koromiko
	<i>Phormium tenax</i>	flax, harakeke
<b>Rare</b>		
Asteraceae	<i>Olearia hectori</i>	Hector's tree daisy
	<i>Olearia fragrantissima</i>	fragrant tree daisy

**Appendix 3 Potting mix bin plan from Makaurau Marae Nursery**

Makaurau Marae Nursery

Potting Mix Bin



Not to scale

## ***Appendix 4 List of the groups that Te Kákano intend working with***

### **Education providers**

- Polytechnics
- Universities
- Schools
- NGIA (Nursery and Garden Industry Association)

### **Commercial operators**

- Local nurseries
- Developers
- Garden shops
- Farmers
- Landowners
- Local business
- Tourists - Eco Tourism

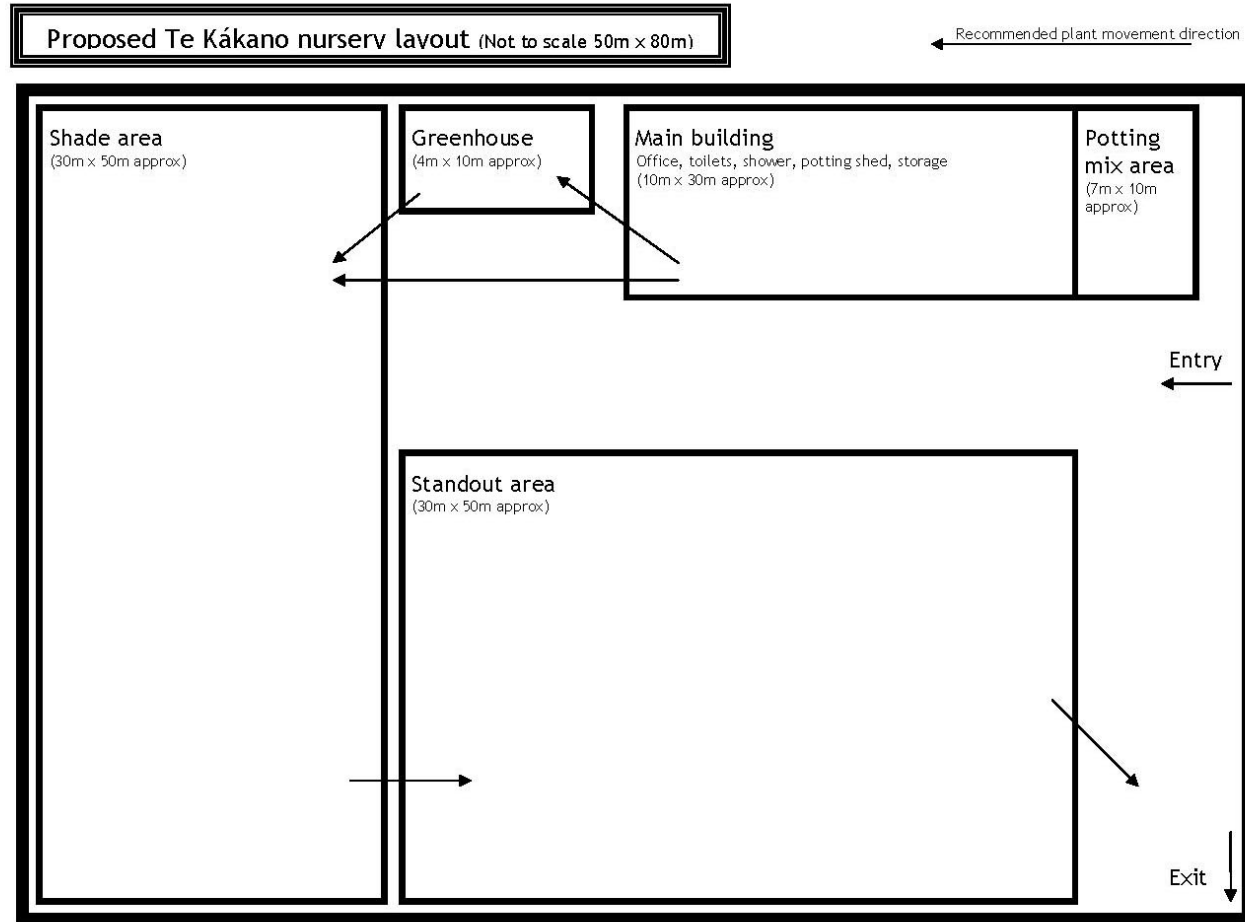
### **Government department**

- Department of Conversation
- Forest and Bird
- Fish and Game
- Landcare Research
- Ministry for the Environment
- Queenstown Lake District Council (QLDC)
- Otago Regional Council

## Community and Environment groups

- Sustainable Wanaka
- Hawea Community Dip Charitable Trust
- Guardians of Lake Hawea
- Upper Clutha Forest and Bird
- Friends of Pembroke Park
- Upper Clutha Environmental Society
- Upper Clutha Federated Farmers
- Wanaka Garden Circle
- Wanaka Beautification Society
- Wanaka Residents Society
- Albert town Residents Society
- Ruby Island Management committee
- Clutha Mata-Au
- NZ Plant Conservation Network (and UK)
- Trees for Survival school programme
- Disadvantaged groups e.g. IHC, disability groups
- Royal New Zealand Institute of Horticulture

## Appendix 5 Potential layout plan of the Te Kákano nursery



## ***Appendix 6 Details of funding organisations***

### **ACE Innovation and Development Fund**

All applications must clearly identify how their project addresses the following ACE priorities.

Susan Sutcliffe, Fund Specialist, Tertiary Education Commission

44 The Terrace, PO Box 27-048, Wellington

Phone: (04) 462 5200, Fax: (04) 462 5400, Email: CLANZ@tec.govt.nz, Web: <http://www.tec.govt.nz>

### **Active's Charitable Trust**

Donations to amateur sports teams and clubs, competing in recognised leagues and tournaments.

Donations to recognised charitable organisations (e.g. Plunket or Red Cross) and/or bona fide non profit community organisations to assist those groups to provide targeted assistance to those in need in areas of health, relief of poverty, social services and the like. Examples would include payment of fees to enable riding for the disabled, guide dog sponsorship, scout or guiding groups, Kapa Haka or cultural groups and the like.

Donations to schools and other educational institutes to assist with the provision of equipment or services that foster the continuous learning and development of youth and adult students.

PO Box 28385, Remuera, Auckland

Email: [activetrust@xtra.co.nz](mailto:activetrust@xtra.co.nz), Web: <http://www.activetrust.co.nz>

### **Alexander McMillan Trust**

Arts and culture; education; elderly; environment; health; people with disabilities; poverty/people in need of financial assistance; religious; youth

Peter Gibson, Chairman, Alexander McMillan Trust, c/- Gallaway, Allan, Gibson

PO Box 143, Dunedin, Phone: (03) 477 7312, Fax: (03) 477 9276

### **Biodiversity Condition Fund**

Indigenous biodiversity management. The fund is directed at maintenance, restoration and improvement projects designed to protect and enhance indigenous vegetation, species and habitats on private land (including wetlands, rivers and other water bodies). These projects could involve, for example, fencing and pest control.

Steph Weller, Department of Conservation

PO Box 10420, WELLINGTON, Phone: 0800 862020, Fax: (04) 471 3130

Email: [biofunds@doc.govt.nz](mailto:biofunds@doc.govt.nz), Web: <http://www.biodiversity.govt.nz/pvtland/nzbs/land/condition.html>

### **BOC Where There's Water Community Environmental Grants**

Grants are available to schools, community groups and other non-profit organisations, for environmental projects that have a water focus. These projects should have public benefit rather than private gain.

Barry Scott, Executive Manager, Water Environment Research Foundation (NZWERF)

PO Box 1301, Wellington, Phone: (04) 802 5242

Email: [info@nzwerf.org.nz](mailto:info@nzwerf.org.nz), Web: <http://www.nzwerf.org.nz/>

### **Caversham Foundation**

- National Age Group Tournaments/School Tournaments for secondary, primary and intermediate schools as well as other junior, amateur and non-professional players and teams
- Kindergartens, schools, youth groups and recognised charities such as the Salvation Army and the like
- Anti problem gaming and anti drink driving organisations and initiatives
- Cultural pursuits such as youth orchestras
- Projects that focus on the general health and well being of New Zealand communities

General Manager, Caversham Foundation, PO Box 8100, Dunedin

Phone: 0800 742 556, Fax: 0800 000 805, Web: <http://www.caversham.esmartbiz.com/>

### **Central Lakes Trust**

Welfare; education; religious activities; heritage projects; environment initiatives; arts, music and scientific activities; public recreation; youth; crisis and victim support; citizens advice; emergency services; the disabled; health; community need.

Rhonda Poon, Executive Officer, Central Lakes Trust

PO Box 138, Cromwell, Phone: (03) 455 0709, Fax: (03) 445 3219

Email: [info@centrallakestrust.org.nz](mailto:info@centrallakestrust.org.nz), Web: <http://www.centrallakestrust.org.nz/>

### **Century Foundation**

Sport and recreation; education; social service and welfare.

PO Box 1288, Hastings, Phone: (06) 873 5018, Fax: (06) 873 5019

Email: [info@centuryfoundation.co.nz](mailto:info@centuryfoundation.co.nz), Web: <http://www.centuryfoundation.co.nz/>

### **CLANZ - Community Learning Aotearoa/New Zealand**

Specific learning projects or programmes for adults

Susan Sutcliffe, Fund Specialist, Tertiary Education Commission

CLANZ - Community Learning, Aotearoa/New Zealand, PO Box 27048, Wellington

Phone: (04) 462 5200, Fax: (04) 499 4947

Email: [susan.sutcliffe@tec.govt.nz](mailto:susan.sutcliffe@tec.govt.nz), Web: <http://www.tec.govt.nz/>

### **Community Trust of Maniototo**

Arts and culture, children, community, conservation, education, elderly, people with disabilities, religious, sport and recreation, youth.

Mr Levido, Secretary, Community Trust of Maniototo, c/o 4 Caulfield St, Ranfurly

Phone: (03) 444 9612, Fax: (03) 444 9612, Email: [jjlevido@xtra.co.nz](mailto:jjlevido@xtra.co.nz)

### **Community Internship Programme**

The host community organisation will be working towards the well-being of their community through, for example, social service provision, economic development, environmental work, cultural development or employment support services.

The main goals of the Community Internship Programme are capacity-building and relationship-building. These are achieved through:

- importing new, and otherwise inaccessible, skills and knowledge to the host community organisation leaving the organisation stronger and more effective
- providing the intern with the opportunity to gather new experiences, build new networks and gain a new community perspective
- enabling the intern's home organisation to draw on the broadened experience, renewed energy and new ideas of the intern - completing the circle of benefit
- encouraging the development of relationships between the three parties across public, private and community sectors

Carlena Sneesby, Department of Internal Affairs - Local Government & Community

PO Box 805, Wellington, Phone: (04) 495 9327, Fax: (04) 495 9444

Email: [internship@dia.govt.nz](mailto:internship@dia.govt.nz), Web: <http://www.dia.govt.nz/>

### **Environment Centre Grants**

Environmental, education and information services.

Ministry for the Environment, Environment Centre Grants, PO Box 10 362, Wellington

Phone: (09) 917 7400, Fax: (04) 917 7523,

Email: [rmaid@mfe.govt.nz](mailto:rmaid@mfe.govt.nz), Web: <http://www.mfe.govt.nz/>

**Environmental Education Action Fund**

Projects that use education as a tool to take action for the environment.

Wendy Barry, World Wide Fund for Nature, P O Box 6237, Wellington

Phone: (04) 471 4286, Fax: (04) 499 2954

Email: [wendy.barry@wwf.org.nz](mailto:wendy.barry@wwf.org.nz), Web: [http://www.wwf.org.nz/env\\_education/env\\_education.cfm](http://www.wwf.org.nz/env_education/env_education.cfm)

**Field Days Fund (NZERN)**

Anything that informs or encourages owners of private land to protect, maintain, and restore areas of native bush and improve stream health.

Mike Peters, New Zealand Ecological Restoration Network Inc., PO Box 9000, Christchurch

Phone: (03) 980 0902, Fax: (03) 338 5481

Email: [office@bush.org.nz](mailto:office@bush.org.nz), Web: <http://www.bush.org.nz/>

**Ida MacDonald Charitable Trust**

Relief of poverty; advancement of education and religion; other purposes beneficial to the community.

Checketts McKay Lawyers, Ida MacDonald Charitable Trust, Po Box 41, Alexandra

Phone: (03) 448 6969, Fax: (03) 448 8860

**James Sharon Watson Conservation Trust**

Environmental projects

The Secretary, Royal Forest and Bird Protection Society, Box 631, WELLINGTON

Phone: (04) 385 7374, Fax: (04) 385 7373, Web: <http://www.forest-bird.org.nz/>

## **Freemasons New Zealand**

A range of funding is available for various situations, including:

- **Support for Individuals:** Applications can be made through any of the 300 individual Lodges in New Zealand. These are mainly for assistance in cases of cost-of-living relief, healthcare and education for individuals or families at a local community level. Naturally, Lodges are concerned for their own members but a high proportion of applications are on behalf of the general community.
- **Support for Organisations:** In addition to the need of individuals, the Board has a scheme of contribution to support Lodges own fund-raising efforts, many of which are for assistance to community organisations. The board provides guidelines which must be met in order for these applications to be approved.
- **Tertiary Education:** Tertiary Education in another field that is common amongst Board grants. Specifically, these provide support for student's suffering hardship. As well as that, each year over \$200,000 is given away to Tertiary Student who are achieving well and making a contribution to the community. For more information on these scholarships click here.
- **Disaster Fund:** A special Disaster Fund assists people who have been adversely affected by natural disasters such as floods, earthquakes, cyclones or fire. These funds are given in circumstances where immediate help is essential.
- **Caring for the Community:** The work of the Board of Benevolence is of great significance to all Freemasons in New Zealand and distributing charity worth millions of dollars is a privilege taken very seriously.

Freemasons New Zealand - National Office, PO Box 6439, Wellington

Phone: (04) 385 6622, Web: <http://www.freemasons.co.nz/benevolence>

## **Lion Foundation**

Grants for charitable purposes including the relief of poverty, or welfare

Lion Foundation, Grants Department, Private Bag 102920, North Shore Mail Centre

Phone: (09) 488 7707, Fax: (09) 488 7747, Web: <http://www.lionfoundation.org.nz/>

### **Lottery National Community Committee**

Lottery Community is a new committee that replaces Lottery General, Seniors, Welfare and Youth. It considers applications for projects that encourage or enable community self-reliance, capacity building and stability, or opportunities for social, civil or cultural participation, and reducing or overcoming barriers to such participation. Priorities include projects that have a community/social service focus, for example developmental or preventative projects, welfare and support services, or projects that help improve the well-being of people in the community.

Dept of Internal Affairs - Local Government & Community, PO Box 805, Wellington

Phone: 0800 824 824, Fax: (04) 494 0547

Email: [grantsonline@dia.govt.nz](mailto:grantsonline@dia.govt.nz), Web: <http://www.cdgo.govt.nz/>

### **Microsoft NZ**

Most projects considered.

Microsoft NZ Software Donation Programme, PO Box 8070, Symonds Street, Auckland

Phone: (09) 357 5823, Email: [nzgiving@microsoft.com](mailto:nzgiving@microsoft.com), Web: <http://www.microsoft.com/nz/giving>

### **Nature Heritage Fund**

Protection of both common and rare species habitats and communities, and the ecological processes and interactions that link them.

John Morton, Executive Officer, Department of Conservation, Nature Heritage Fund, PO Box 10-420, Wellington

Phone: (04) 471 0726, Fax: (04) 471 3018, Email: [jmorton@doc.govt.nz](mailto:jmorton@doc.govt.nz)

### **Newman's Own Foundation, Inc**

Most projects considered

The administrator, Newman's Own Foundation, Inc., PO Box 281, Red Hill South 3937, Australia

Web: <http://www.goodmanfielder.com.au/>

### **NZ Community Trust**

Most purposes considered within the guidelines set by the Department of Internal Affairs

NZ Community Trust, PO Box 3178, Wellington

Phone: 0800 44 69 28, Web: <http://www.nzct.org.nz/index.aspx?pageid=21>

### **New Zealand Conservation Corps**

Conservation Corps is a 20-week programme where young people are involved in conservation projects, practical education and challenging recreation. Ministry of Youth Development contracts with local agencies to deliver the programmes.

Dibs Patel, Manager, Youth Services Team, Ministry of Youth Development, PO Box 1556, Wellington

Phone: (04) 916 3300, Fax: (04) 918 0091, Web: <http://www.myd.govt.nz>

### **Pacific Development & Conservation Trust**

Socio-economic development and self-sustainability; community; conservation; historical & cultural heritage; projects which benefit the wider community. The focus is on applicants who enhance and conserve their environment and heritage and who promote peaceful development of the South Pacific. Priority is given to projects which benefit and involve the community, to projects with long-term impact and projects which do not have access to other funding.

Trust Advisor, Pacific Conservation and Development Trust, c/- Trusts & Fellowships Unit

Department of Internal Affairs, PO Box 805, Wellington

Phone: (04) 495 9387, Fax: (04) 495 9444

Email: [trusts@dia.govt.nz](mailto:trusts@dia.govt.nz), Web: <http://www.dia.govt.nz/>

### **Project Crimson**

Project Crimson supports pohutukawa and rata protection projects within their natural growing ranges and promotes eco-sourcing. This means that the plants used in restoration projects are grown from seeds collected from old, naturally established plants as close as possible to where they will be planted-out. Therefore forward planning is essential in order to propagate the right stock.

Projects will be favoured that maximise public involvement (such as schools, service organisations, marae committees and local councils) and offer a significant profile in terms of local conservation achievement.

Actions on private land, while considered, are less favoured unless the owner has agreed to an on-going conservation management programme and the work has wider public value (e.g. landscape, or conserving especially important trees).

PO Box 301 027, Albany, Auckland, Phone: (09) 414 0466, Fax: (09) 415 9985

Email: [info@projectcrimson.org.nz](mailto:info@projectcrimson.org.nz), Web: <http://www.projectcrimson.org.nz/>

### **Pub Charity**

- An incorporated society.
- A charitable body recognised by the Inland Revenue Department. If applicable you must also be an organised club or group affiliated to or a member of a recognised national organisation.
- You must be able to prove that your organisation operates a bank account, for example, by showing us pre-printed or verified bank deposit slips and/or bank statements with the name of your club or group.
- Applicant must be end user of funds.

Your local Pub Charity site, or Pub Charity, PO Box 27009, Freepost 956, Wellington

Phone: 0800 426 464, Fax: (04) 384 1630

Email: [pubcharity@pubcharity.org.nz](mailto:pubcharity@pubcharity.org.nz), Web: <http://www.pubcharity.org.nz>

### **Queen Elizabeth II National Trust**

One of the National Trust's principal functions is to protect privately owned areas of open space, without jeopardising the rights of ownership.

Many landowners have landscape features or areas of open space on their properties which they do not wish to see destroyed by clearing, buildings, power lines, subdivision, or thoughtless land use. It is possible to sell or donate land to the Crown or to a local authority as a reserve, but many landowners want to protect their land and continue to own it while ensuring it remains for future generations to enjoy.

This can be achieved by an Open Space Covenant. An Open Space Covenant is a legal agreement between a landowner and the National Trust to protect an area of open space. Land subject to a covenant does not become the property of the National Trust, rather the landowner retains title to the land. An Open Space Covenant is usually granted in perpetuity. Sometimes it is for a specified time, such as the lifetime of a stand of trees. Covenants are registered against the land title and are binding, not only on the present landowner or leaseholder, but all subsequent landowners or leaseholders.

In assessing areas under consideration the Trust is looking for any of the following characteristics:

- contains native plants and animals that are now uncommon in the surrounding districts
- large enough to be self sustaining
- is natural and relatively unmodified
- provides a linkage to other areas
- protects soil and water conservation values
- Is of cultural significance, or has landscape values

### **RMA Community Assistance - Environment Centres**

To assist environment centres

RMA Community Assistance Funds, Ministry for the Environment, PO Box 10-362, Wellington

Phone: (04) 917 7400, Fax: (04) 917 7524

Email: [rmaid@mfe.govt.nz](mailto:rmaid@mfe.govt.nz), Web: <http://www.mfe.govt.nz/withyou/funding/>

**Ron Greenwood Environmental Trust**

Conservation and environment

Warwick Greenwood, Managing Trustee, The Ron D & E A Greenwood Environmental Trust  
C/o Environment Trust, PO Box 10359, Wellington

**Russell Henderson Charitable Trust**

Most purposes considered

Mr Martin Haanen, Trust Manager, Perpetual Trust Ltd, Private Bag 1965, Dunedin  
Phone: (03) 477 6990, Fax: (03) 477 9755

**Robert C Bruce Trust**

Agriculture and horticulture (forestry); conservation (forestry); environment (forestry)Owen Locke, Trust Manager, NZ Guardian Trust Co Ltd  
PO Box 628, Palmerston North

**Scottwood Group**

Projects can include, but are not limited to; relief of poverty; education; sport and recreation; culture.  
PO Box 1131, Hamilton

**The Fletcher Trust**

Historical, arts and culture; community; education; youth  
Paul Pirani, Manager, The Fletcher Trust, Private Bag 92-114, Auckland  
Phone: (09) 525 9250, Fax: (09) 525 9021

**The Southern Trust**

Amateur sport, community and welfare organisations, education, cultural and arts groups  
Laurel McDonald, Grants Manager, The Southern Trust, PO Box 858, Dunedin  
Phone: (03) 4718471 / 0800424274, Fax: (03) 471 8470  
Email: [info@southerntrust.org.nz](mailto:info@southerntrust.org.nz), Web: <http://www.southerntrust.org.nz/>

### **Significant Community Based Projects Fund**

Major community based projects are significant community facilities or major events that support the following outcomes:

- Arts, culture and heritage;
- Sport and recreation;
- Tourism;
- Conservation and the environment; and
- Economic development

Additionally, projects funded could generate wider public benefits beyond their primary ones. These benefits may include:

- increased tourism and employment;
- education and training;
- strengthening community relationships and social capital; and
- improved quality of life and enhanced national identity

Dept of Internal Affairs - Local Government & Community, PO Box 805, Wellington

Phone: 0800 824 824, Fax: (04) 494 0547

Email: [grantsonline@dia.govt.nz](mailto:grantsonline@dia.govt.nz), Web: <http://www.cdgo.govt.nz/>

### **Todd Foundation General Fund**

The General Fund currently targets Children and Young People; it makes major grants for projects, initiatives and activities in the fields of Education, Health and Life Skills.

Manager, Todd Foundation, PO Box 3142, Wellington

Phone: (04) 472 2970, Fax: (04) 931 6049, Web: <http://www.toddfoundation.org.nz>

### **Sustainable Management Fund**

- Maintaining and enhancing the exercise of kaitiakitanga
- Sustainable land management and the management of non-point sources of water pollution
- Contaminated sites and degraded environments
- Waste management
- Monitoring, indicators and comparative risk
- Voluntary methods
- Sustainable Communities
- Economic instruments
- Influencing attitudes and behaviour
- Resource Management Act 1991 and Hazardous Substances and New Organisms Act 1996 practices and training
- Local and regional environmental quality standards
- Maintaining and restoring biodiversity

Ministry for the Environment, Sustainable Management Fund, PO Box 10362, Wellington

Phone: (04) 917 7400, Fax: (04) 917 7523, Web: <http://www.smf.govt.nz/>

### **The Tindall Foundation**

Support is provided to groups working in five main areas:

- Supporting families and social services
- Encouraging enterprise and employment
- Caring for our environment and preserving biodiversity
- Strengthening the third sector
- Promoting generosity

Evelyn Gauntlett, Administration Manager, The Tindall Foundation, PO Box 33 181, Takapuna, North Shore City

Phone: (09) 488 0170, Fax: (09) 489 2365

Email: [admin.ttf@tindall.org.nz](mailto:admin.ttf@tindall.org.nz), Web: <http://www.tindallfoundation.org/>

### **Transpower Landcare Trust Grants Programme**

Projects that have a wider environmental benefit and community involvement, and are consistent with NZ Landcare Trust's mission statement, that is "Sustainable land management through community involvement".

The project should achieve some of the following outcomes:

- Make a practical contribution to sustainable land management or biodiversity on private rural land.
- Promote community awareness of the need for sustainable management of natural resources.
- Promote information/ knowledge of natural management or rural communities.
- Enable community groups to further contribute to sustainable land management and/ or biodiversity.

New Zealand Landcare Trust, Transpower and Landcare, Trust Grants Programme, PO Box 39 141, Christchurch

Phone: (03) 962 9555, Fax: (03) 962 9557

Email: [info@landcare.org.nz](mailto:info@landcare.org.nz), Web: <http://www.landcare.org.nz>

### **Turners and Growers Charitable Trust**

Most projects considered. Please contact the organisation for more information.

Noel Bone, Secretary, Turners and Growers Charitable Trust, PO Box 56, Auckland

Phone: (09) 914 5708, Fax: (09) 914 5699

### **Youth Development Programmes (Ministry of Youth Development)**

Youth Development programmes are normally of a twenty weeks duration

Angela Robertson, Manager, Youth Dev. Programmes, Ministry of Youth Development

PO Box 10 300, The Terrace, Wellington

Phone: (04) 916 3649, Fax: (04) 918 0091, Web: <http://www.myd.govt.nz/>

## ***Appendix 7 Resources***

- Indigenous Ecosystems, An ecological Plan Structure for the Lakes District - Lucas Associates
- Ministry for the Environment New Zealand, Website
- New Zealand Plant Conservation Network, News letters and Website
- Nursery and Garden Industry Association (NGIA) Web and membership information
- Protecting and restoring our natural heritage - A practical guide - DOC
- Community Conservation Infokit - A practical guide for community conservation projects - DOC
- New Zealand Plant Conservation Network, News letters and website
- Rediscovering & Restoring Natural Heritage in the Wakatipu Basin - Colin Meurk, Landcare Research NZ Ltd
- So You Want to Start a Nursery - Tony Avent
- Growing Profits, How to Start and Operate a Backyard Nursery - Michael and Linda Harlan
- Tourism Research Council New Zealand - Website