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Canterbury Pasifika Ltd

Draft ICT Strategy

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*technology | innovation
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I. Introduction

Canterbury Pasifika's ICT strategic vision can be summed up as *celebrating our 'Pasifikaness' through ICT*. This is in line with Canterbury Pasifika Ltd's mission of *navigating Pasifika peoples into ICT*.

The central aim of this strategy is to develop Canterbury Pasifika Ltd as a centre of excellence innovation and entrepreneurship in ICT. This implies development of a Canterbury Pasifika research and development unit aimed at building skills and capacity in the community. The Unit activities will include development of resources in Pasifika languages, creation of assessment materials such as unit standards, running professional development and skills building programmes and initiatives for community members. Key outcomes of these activities could include products such as resources and assessment items that could be sold or licensed to other groups or individuals.

Integral to this process is the development of a community of practice embracing other groups and individuals in New Zealand and overseas that are involved in building ICT capacity for Pasifika communities. A key challenge for these communities is development of linguistic standards for ICT's in Pasifika languages.

Innovation with ICTs for Pasifika people will involve thinking outside the square, and being prepared to support cutting edge projects which are likely to be relatively risky. Since these projects will be innovative, it is not possible to identify what they will be, but they are likely to include Pasifika arts and culture in contexts such as video games, virtual worlds, mobile applications on cellphones and social softwares like Bebo, Facebook and MyPlace.

II. Background

Approximately 11,000 people make up the Canterbury Pasifika community. Of these nearly 26% are aged under 10 years. The community comprises about a dozen nationalities, of whom 60% are Samoans, Cook Island Maori are the next most numerous, making up 17% of the Pasifika community. (NZ Census 2006)

The Pasifika peoples are among the groups identified by the government as likely to be disadvantaged in terms of ICT access and skills. This was confirmed for Canterbury Pasifika people by a study carried out in 2007 (V. Fidow). This study identified ICT training, access to technologies and broadband as being key needs for the community. These were closely followed by training in ICT delivered in Pasifika languages. The current strategy is designed to address some of these needs in ways that are culturally appropriate for the Canterbury Pacific community.

It is important that any initiatives in this area not only respect, but celebrate the 'Pasifikaness' both of Canterbury Pasifika Ltd, and of the community as a whole. This marrying together of ICT and island culture represents a considerable intellectual and practical challenge to the organisation.

III. The Strands

Canterbury Pasifika Ltd believes that these needs may be met by the following key strands. The strands arise out of the findings of Fidow's (2007) survey, and from the comments of a group of Pasifika people brought together to consider the needs of their younger children.

Strand 1. ICT Literacy and Basic Technical Skills Programmes.

These programmes, ideally delivered in Pasifika languages by Pasifika tutors, will improve ICT skills of the learners and develop their confidence and capability as citizens of the 21st Century.

Strand 2. Creation of a Pasifika ICT Early Childhood Professional Development Cluster.

This would upskill early childhood facilitators in the use of technology in pre-school programmes, and would introduce ICT to Pasifika children at an early age, with resulting lifelong benefits. This cluster would draw from the model adopted by the existing mainstream ECE ICT PD clusters.

Strand 3. Developing Technical Capability

There is a need within Canterbury Pasifika Ltd for people with the technical skills to install, maintain and service the ICT infrastructure. Not only would this ensure the viability and sustainability of the organisation's technological basis, but it could form the basis for a community wide ICT support service in the form of a telephone helpline

Strand 4. Enabling Accessibility to and Affordability of ICTs to Pasifika People Locally and in the Islands

This aspect of the strategy addresses the need to access current and emerging technology for Pasifika families and communities. It is anticipated that this strand could eventually reach out to provide technologies to overseas as well as local Island communities

Strand 5. Strengthening our Knowledge and Innovation Base in order to make the Potential of ICTs a Living Part of Pasifika Culture

Although this strand is the last to be identified and listed, it is the key to breathing life in to the vision of *celebrating our 'Pasifikaness' through ICT*. In order for this strand to yield fruit, it will be necessary to develop financing streams that will allow the support of relatively high risk, innovative projects

The remainder of this document develops these strands by outlining specific goals and areas of concern such as marketing, funding, human resources and evaluation.

IV. Goals

Strand 1. ICT Literacy and Basic Technical Skills Programmes,

Goal: By 2012 to have delivered ICT literacy and basic technical skills programmes in English and Samoan. (this will require significant research and development support)

<i>Date</i>	<i>Key Tasks Strand 1</i>
<i>2008 – 09</i>	<ul style="list-style-type: none">• Scoping this strand through delivery of computing unit standards in English by end of 2008• Identify stakeholders and sources of funding (CORE Education Ltd, MoE, DIA, MPIA, PEETO)• Apply for research and development funds• Deliver programmes in ICT literacy and basic technical skills in English.• Begin planning and development of programmes and assessments in Pacific Languages (initially Samoan)<ul style="list-style-type: none">- identify and build links with other groups who are developing linguistic foundations in Pasifika languages for ICTs- begin to create digital resources in Pasifika languages
<i>2010 - 2011</i>	<ul style="list-style-type: none">• Deliver further programme(s) in English• Continue planning and developing programmes/assessments in Samoan• Preliminary testing of programmes
<i>2012</i>	<ul style="list-style-type: none">▪ Deliver programme in Samoan▪ Begin developing programme in other Pasifika language(s)

Strand 2. Creation of a Pasifika ICT Early Childhood Professional Development Cluster.

Goal: By 2012 to have completed a programme of ICT PD to enable Pasifika staff of Early Childhood Centres to integrate ICT seamlessly into their programmes in a way that will reflect the unique identity of each Centre. The programme to include an action research and reflective practice component to allow centres and their staff progressively to reflect and improve on their practice

<i>Date</i>	<i>Key Tasks Strand 2</i>
2008-09	<ul style="list-style-type: none"> ● Identify stakeholders and obtain their agreement (MoE, MPIA, Pasifika ECE Centres) (completed) ● Apply for Development/Co-ordinator funds from MoE (August, 2008) ● Develop Terms of Reference for Cluster with the Centres (September 2008) ● Apply for Project funding to MoE (December, 2008) ● Develop implementation plan (December, 2008) <ul style="list-style-type: none"> - develop ICT plan for each centre - plans for up-skilling staff - plans for ICT resourcing of Centres
2009-2010	<ul style="list-style-type: none"> ● Recruit facilitators for Cluster (January, 2009) ● Induction and initial PD facilitator (January – March 2009) ● Develop Cluster model (including Action Research)with Centres (March – June 2009) ● Begin implementation of plans for ICT resourcing of Centres ● Support Centres develop own PD models (April-June, 2009) ● Start developing and delivering PD (June – December 2009)
2010-2011	<ul style="list-style-type: none"> ● Continue delivering PD to support Centres becoming competent with embedding use of ICTs within their practice
2011-2012	<ul style="list-style-type: none"> ● Facilitate staff fluency incorporating ICT into their pedagogies in ways that support centres' unique characteristics ● Dissemination - share results of learning with the wider Pasifika and early childhood education community

Strand 3. Developing Technical Capability

Goal: By 2012 for Canterbury Pasifika Ltd to be self sufficient in software, hardware, and network support, programming; and to provide ICT support for the wider Pasifika community.

<i>Date</i>	<i>Key Tasks Strand 3</i>
2008 – 2009	<ul style="list-style-type: none"> ● Develop volunteer base to service immediate technical needs of Canterbury Pasifika Ltd ● Source development funds ● Record and develop operating protocols for technical procedures ● Scoping the feasibility of a Pasifika ICT Scholarship/internship based at Canterbury Pasifika Ltd ● Identify and evaluate models for long term provision of technical services for Canterbury Pasifika Ltd ● Identify funding streams for longer term provision
2010 to 2012	<ul style="list-style-type: none"> ● Employ or contract ICT technical services for Canterbury Pasifika Ltd ● Support and provide experience for potential ICT scholar/intern ● Act as technical resource/support for the wider Canterbury Pasifika community e.g. by means of a help line.

Strand 4. Enabling Accessibility to and Affordability of ICTs to Pasifika People Locally and in the Islands

Goal: By 2012 for all Pasifika families in Canterbury to have affordable access to ICTs and the Internet, and for Canterbury Pasifika Ltd to have developed and begun the implementation of a strategy to provide similar facilities to the islands.

<i>Date</i>	<i>Key Tasks Strand 4</i>
2008 – 2009	<ul style="list-style-type: none"> ● Review the current computer donations project and other similar projects in New Zealand and overseas (such as the One Laptop per Child programme) in order to discover the key success factors for such projects ● Develop an implementation plan for providing ICTs to Canterbury Pasifika families based on previous experience and learnings and to enter into collaboration with other projects such as Computers in Homes ● Move and secure current stock of computers in new warehouse

<i>Date</i>	<i>Key Tasks Strand 4</i>
	facility
2010-2011	<ul style="list-style-type: none"> ● Reactivate and strengthen volunteer base ● Redefine conditions and create contract for supplying ICTs to families ● Identify target families ● Supply ICTs ● Provide ongoing support and monitoring to target families ● Identify partner organisations to scope the need for ICT provision in the islands
2011-2012	<ul style="list-style-type: none"> ● Continue and monitor provision of ICTs to Canterbury Pasifika families ● Carry out scoping study for islands project ● Identify one Pasifika nation for pilot island ICT project ● Sign Memorandum of Understanding with partner organisation and island community ● Begin implementation of islands project

Strand 5. Strengthening our Knowledge and Innovation Base in order to make the Potential of ICTs a Living Part of Pasifika Culture

Goal: By 2012 to have built a Pasifika ICT research and development unit as a culture of learning and research within Canterbury Pasifika Ltd and the wider Canterbury Pasifika community

<i>Date</i>	<i>Key Tasks Strand 5</i>
2008 – 2012	<ul style="list-style-type: none"> ● Develop and facilitate <i>fono</i> to ignite people's enthusiasm and commitment to using ICTs to support achieving their personal and community dreams ● Identify key stakeholders to collaborate in the creation of a Pasifika

<i>Date</i>	<i>Key Tasks Strand 5</i>
	<p>ICT research and development unit</p> <ul style="list-style-type: none"> ● become informed of current and emerging trends in harnessing ICTs to support Pasifika and other minority cultures ● Incorporate action research and evaluation into everything we do ● Build mechanisms for disseminating and sharing knowledge within the Pasifika and wider communities ● Support the birth, germination and fruition of Pasifika innovation and entrepreneurship involving ICTs

V. Evaluation and Action Research

Canterbury Pasifika Ltd regard ongoing evaluation and research on its projects as being important. Information gained in the process of these activities will be used to inform future developments, and to help improve professional practice.

External evaluation will be budgeted into the costs of all projects, where appropriate, and key staff and contractors will be expected to carry out action research and/or maintain reflective journals of their practice.

Learnings from the evaluations and action research/reflective practice will be documented for future referral. Where relevant, findings will be disseminated to the wider Pasifika, ICT and other communities by publication in books or journals, online, or by conference or workshop presentations.

VI. Marketing

A number of the Strands in this ICT Strategy have significant marketing implications. For example it is important to make potential learners aware of opportunities afforded by Canterbury Pasifika Ltd, and a Marketing Strategy to address this and other needs is to be developed.

VII. Human Resources

At present, Canterbury Pasifika Ltd is staffed largely on a part time and voluntary basis. The implementation of the ICT Strategy will require careful consideration of the human resources required to carry it through, the nature of the relationships of the personnel with Canterbury Pasifika Ltd (part or full time employees, voluntary, or contracted staff), and the timing of their involvement in relationship to the Strands and the availability of funding.

The Human Resources Strategy will consider such factors, and will include draft job descriptions and person specifications.

VIII. Financial Strategy and Funding

Canterbury Pasifika Ltd, and the e-Learning Centre is currently largely funded by a contract with the Community Partnership Fund through the Department of Internal Affairs. The last payment is scheduled to occur on the 20th April, 2009.

Canterbury Pasifika Ltd will continue to seek funding from National and Local Government sources, and from charitable foundations, and a key function of the Board is to locate and apply for such funding.

In the longer term, the Board seeks to reduce dependence on such funding by developing marketable products. Such products could arise from innovative syntheses of ICTs with Pasifika cultures, including music and the graphic and performing arts and include educational resources. In order for such development to occur, it will be necessary for Canterbury Pasifika Ltd to devote time and resources to innovative exploration.