27 May 2011
The Granary, Founders Park
Framing Our Future Community Workshop (1.00pm – 3.30pm)

In our future we will see:

1. A '**people and environment'- centred community with good governance, self sufficiency, creativity, recreation and supportive neighbourhoods; a caring, understanding community-minded population, where self-interest is reduced.**

This will reflect and / or embrace:
- **People and environment- centred communities**
    - We work in a GPI (Genuine Progress Indicators model, rather than Gross Domestic Profit)
    - Appreciate and respect all who contribute and live in our region
    - Communities helping one and other – looking after the weakest members – resilient, with open communication
    - Community facilitation
    - Community participation in local policy and decision-making (like Framing our Future sessions)
    - More social equity
    - Resilient community
    - Focus on wellbeing of all members of the community – social equity
    - Strong connections from elderly to birth
    - A place where our grandchildren will live
    - An education system based on sustainable values
    - Education system that respects and encourages all
    - Education in the hands of community – opened up, not so heavily centralised/ regulated – low cost/ free
    - Information easily accessible
    - Use technology to create global communities
    - Infrastructure that supports everyone's well being
    - Safe, well designed communities
    - Affordable housing rates
    - No poverty
    - Jobs
    - Sport
    - Prison rehabilitation treatment services
    - Refugees

- **Caring cooperative community-based culture with appropriate leadership**
    - Leadership – legislation to bring everyone on board

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- o Nelson in 2060 has new heroes – less is better rather than bigger – culture is based on cooperation (community and environment)
- o Grass roots intuitive and 'leadership' which shifts with changing needs

- **Social and governance**
  - o 2060 should see the population thinking like villagers i.e. thinking of others
  - o Village life ethic of respect
  - o Retention of community values and democracy
  - o Health and safety – quality water – sewerage systems – rubbish disposal – sewerage into fuel (no vegetable type materials used)
  - o Nelson doesn't need a court system anymore as crime is so low / non-existent – crime and other anti-social behaviour will be virtually unknown
  - o As NZ society matures in its recognition of animal liberation, more bylaws will follow against farming and slaughter – council to start on bylaws against the worst abuses of animals (e.g. animal experimentation) now
  - o Adequate income (employment) for each family
  - o Public health initiatives which promote a plant-based diet will lift the physical health profile of the populace which will lead to mental health improvement
  - o Nelson is the one council for the region
  - o Understand that governments are corrupt and will not help individuals

- **Self-sufficient, supportive neighbourhood clusters**
  - o Local ownership i.e. in control of our own future
  - o Tahunanui etc developed as communities – local food grown and shared
  - o Technology has released people from mundane jobs to free up people to develop community ideals
  - o Living in self-organising small communities – living without oil and using renewable energies – overpopulated
  - o Locally owned wind / solar alternative power
  - o Self sufficient smaller communities – water – recycle sewage (fertilise) – all 'waste' resources make food, clothes, homes
  - o We locally grow what we need
  - o Houses all eco-built
  - o Pooling of resources – focus on groups rather than individuals – sharing things we need only sometimes – reduced need for consumption
  - o People who grow own food, energy etc share – neighbourhood cooperation

- **Social arts and 'people' things - Recreation**
  - o Support arts and creative aspects of the individual
  - o A programme of low cost/ free community events each year

- Having neighbourhood support groups throughout the city
- Self-policing – self-reliance and taking responsibility for selves - increased ties to the community, therefore less need for policing, security cameras, alcohol bans, curfews etc
- Entertainment/ recreation created by users – not reliant on dollars or media
- Acknowledged internationally as one of the Top Ten Small cities in the world
- Nelson as a 'slow' city
- Bigger reserve spaces among subdivisions
- Balance recreation facilities
- More running/ mountain biking off road tracks
- Wider footpaths
- Public transport taking people to popular events
- Walking only tracks - or wider footpaths for walkers
- One-way tracks to avoid collisions
- Lots of walking hiking and cycling
- Gondolas to the hilltops

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2. Environmentally Friendly Transport:
Three main themes:
- **Less private cars and trucks on the road**
- **Cycle ways, walkways and facilities for non-motorised transport**
- **More convenient and used public transport.**
* Other ideas were for a rail system, coastal freight/ shipping

This will reflect and / or embrace:
- **Transport**
  - The Nelson population will have to be largely self-sufficient, relying on minimal road transport but much enlarged coastal shipping
  - Support and growth of coastal shipping
  - Return to coastal shipping – less reliance on road – revisit rail transport linking networks
  - Successful log barging scheme operating from Rabbit Island to Port Nelson
  - Reintroduce small coastal shipping and linking rail infrastructure
  - People in small cooperative communities
  - Frequent, renewable energy fuelled, accessible – equal access for bikes/ walking, rather than car dominant
  - Off-road full cycle / walk network to all schools and suburbs
  - Comprehensive public transport system – massively decrease reliance on private cars
  - Less private motor car transport
  - Get rid of cars – re-educate drivers – walk – coupons for petrol – air quality

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- o Annual plan initiatives to decrease and meet carbon emission reductions
- o Car free-days
- o We still have some form of private transport we can use to travel, but its renewable/ sustainable
- o No trucks on Rocks Road
- o Rocks Road as a truck-free zone – pedestrian walkway / cycleway zone for all of Nelson to use
- o A well-designed and built 'clip-on' boardwalk round Rocks Road – cyclists out of traffic mix – room for all kinds of alternative transport
- o Emission-free, individual transport options widespread
- o Electric scooters
- o Neighbourhood plug-in/ energise up stations
- o Doctor Who transporter – no need to use space / roads
- o More cycle ways separated from roads, particularly along open roads / highways
- o Walk able, cycle able city
- o Walking / cycling shared pathways
- o Increase decent transport
- o Frequent public transport
- o Convenient public transport
- o Free public transport anywhere in region
- o Public transport - solar powered and improved frequency
- o A solar powered, reliable, user-friendly public transport system with shelters at each bus stop
- o Solar buses and taxis
- o Shared use of vehicles e.g. London VW
- o Small buses for off-peak e.g. 8.15am; larger buses for 8.30am
- o Use racecourse as park and ride
- o Trains, combined with park and ride
- o T.D.C + N.C.C public transport – park and ride
- o High speed trains from Nelson to all of NZ
- o Tram service
- o Wind, solar and assorted magnetised trains – brake energy used
- o Nelson needs electrified railway, linked to Picton – Bluff railway
- o Railway should be provided – for timber, fishing and horticulture transport
- o Light rail by waterfront to Richmond

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3. In 2060 we want a self-sustaining eco-system
  - ▪ **The concept of 'waste' doesn't exist**
  - ▪ **Environment sustains population**
  - ▪ **Self-sustaining villages**
  - ▪ **We protect water and air quality**
  - ▪ **Self sufficient in energy/ food/ shelter/ water/ transport/ resources/**

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- **Recreation / fun / music / dancing**
- **Sustain/ increase eco-systems and biodiversity**
- **No purchasing from companies that do damage to the environment**
- **Able to swim in the Maitai river**
- **Healthy naturally functioning and eco systems**
- **More bees**
- **Stop using any poisons or chemical fertilizers on anything**
- **Fast foods must, by law, be packaged in biodegradable materials**
- **Repairs to the ozone layer**

This will reflect and / or embrace:

- **Environment – human and natural - sustains population**
  - Water quality Nelson Port/ Marina – oil spillage
  - Air quality at Port Nelson – log storage and movement around Port environs – working port versus people's living environs
  - Stop using poisons or chemicals for anything
  - Manage effect of climate change
  - In 2060, if the word 'waste' is still in usage, people won't be
  - Protection of the environment – growth always destroys nature
  - Self-supporting populations – ¾ houses removed from urban area

- **Self sustaining environment (energy, infrastructure, bio security)**
  - Community guardianship for ecosystems
  - Safe to swim in clean water
  - No sludge or waste in the Maitai
  - Clean freshwater waterways
  - Positive land-coastal relationship – storm water – boat wash discharged with treatment
  - Good water quality
  - Water security
  - Clean streams, rivers lakes – avoid visual pollution – water tanks under houses/ solar in all new houses
  - Stable or increased biodiversity
  - Natural sewerage treatment – reed and flow farms / composting toilets and grey water use in homes to gardens
  - More use of composting toilets
  - Improved way of managing green waste

- **Biodiversity**
  - Thinking about the big picture – everything is connected – what we do effects us and countless others
  - We don't lose species
  - Diversity is a community asset / strength and will be seen as such
  - Change all flushing toilets to composting and use the contents on our gardens
  - More bees
  - Repairs to the ozone layer

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- o Don't buy any products from companies that damage the environment
- o No deep sea fishing – 40% marine reserves along coastline
- o Tui, morepork, bellbirds, kaka in town
- o Repairing the damage – grow trees for food and biodiversity
- o Safeguarding and increasing our native wildlife – birds and plants
- o Enhanced native biodiversity – ocean, land, rivers

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4. **Local, community-owned (Top of the South), free varied energy that sustains all our needs, including food production, transport, recreation and comfort, without negatively impacting on species**

This will reflect and / or embrace:
- **Energy**
- **Off the Grid**
- **100% renewable energy**
    - o Climate change resilience and diminishing oil resources
    - o Minimal carbon emissions
    - o Reduce reliance on fossil fuels – drop carbon emission levels
    - o Select and promote alternative energy fuel
    - o Change in fuel sources – bio fuels not a sure bet – Nelson will have increased and diversified manufacturing – pollution will be handled by new technology and Council's augmentation of national environmental laws
    - o Oil dependence is futile – find new ways for transport, energy – products all need redesigning
    - o No reliance on fossil fuels
    - o Oil drilling in Tasman Bay only allowed if provision for a $30-$50b cleanup bond is given to the NZ government by the companies concerned – example like Pike river = too easy for companies facing disaster cleanup to walk away
    - o No deep sea oil drilling taking place
    - o Coal free Nelson – school boilers/ Nelson Laundry/ wood drying kilns in Tahuna
    - o Nuclear free
    - o Solar and hydroelectric power needs mass up-scaling
    - o A thermal power station on the Waimea Plains
    - o Utilise solar, wave, biomass, geothermal, algae etc - local energy sources
    - o Power from the sea – harness the wave power
    - o Tidal power
    - o More solar energy
    - o Use of waste timber and vegetable waste for fuel
    - o Nelson to promote public and commercial use of bio fuel

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- All homes generate power and heat water – the city should sparkle with solar panels
- Increased use of green technology to build community independence and resilience
- Off the grid housing - no bills except for rates and food
- Community/ neighbourhood energy pooling e.g. communal solar power
- Solar power homes
- Maximum usage of solar
- Widespread solar harvesting
- Solar heating in new homes is mandatory
- Better incentives to solar power and wind power
- Local clean energy production
- Clean adequate energy for social and economic needs
- Nelson powered on sustainable clean energy
- Nelson produces more energy that it consumes
- Neighbourhood generation of energy
- Standards of development – eco friendly materials – solar city – combined power sources (solar power) – recycling of waste – bio fuel development – recycling plant
- Support for those living in intentional communities and making this way of living more possible e.g. support for alternative buildings with resource consents
- Using all resources – no waste

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5. In 2060, we want Nelson to be able to produce and consume, in adequate quantities, locally grown and processed organic, GE-free food and beverages

This will reflect and / or embrace:
- Food Production
    - Each town much more self-sufficient in the food it consumes
    - Permaculture on a city scale
    - Prohibit use of arable land for anything other than food production
    - Skill to be able to catch a fish or harvest a scallop
    - Primary production – stop maximising profits - regenerate soil naturally
    - Land for produce should be allocated to vegetable and grains – to increase Nelson as a self-sustaining area (will be too expensive to export/ import in the future
    - Breaking the link between food and oil
    - Saving rain water on each property
    - Water tanks for garden use
    - All properties to have water allocation tanks
    - GE Free
    - Enough calories per person
    - People will eat healthier foods

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- o Organic vegetables/ poultry/ meat/ fruit/ cereals
- o Everyone able to source home grown produce if they choose to - land sharing/ community gardens / urban food production
- o Only eat food you grow or is grown in your neighbourhood
- o Greater food and energy self-sufficiency
- o Shared vegetable and fruit gardens
- o Local sustainability reduces external impact
- o Community gardens and groups maintaining them
- o Seasonal foods locally grown – land used for priority food stuffs
- o Nelson is a food basket – plentiful fish, fruit, vegetables

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6. Re the economy:
New Zealand is the food basket of the Pacific
Opportunities:
Knowledge economy leveraging on regional strengths:
Cawthron and NMIT / aquaculture, fishing, horticulture, forestry
Challenge:
Water security / transport / infrastructure

This will reflect and / or embrace:
- Economics
  - o The brightest brains want to live here
  - o Varied, high technology, local
  - o Economic activity – aquaculture development – more intensive horticultural development – cultural centre of excellence – tourism centre
  - o Nelson – jewel in the crown – food basket
  - o People will grow their own food
  - o Grow enough food to feed ourselves
  - o Embrace local – grow, source everything we can locally
  - o Economy dependent on local resources
  - o Employ locals first – jobs for kiwis
  - o There will be full employment and youth will be able to remain as economically viable members
  - o Active involvement of all ages of the community in employment
  - o More local higher education
  - o Retain NMIT and Cawthron to continue to support tertiary education opportunities in Nelson
  - o Don't buy anything imported – invest in your own country
  - o Small local shops with local merchandise
  - o Shopping in local shops, not big supermarkets

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7. **CityScape – Nelson will be a vibrant, intergenerational space that offers residents and visitors a good quality of life. Art, playgrounds, seated areas, water fountains, pathways and trees offer opportunities for community building and appeal to all. Efficient and effective community planning will facilitate this vision.**
   Vision 2060:
   - **Power of Community –** People input – submissions – ongoing and frequent input from all community relating to any issue or change.
   - **Housing –** Affordable – sustainable – earthquake proof – warm – good materials – working and living in close proximity – increased residential community will reduce transport – connection to solar power and proficient rainwater use
   - **Affordable Living** – Nelson has 'sustainable wages'
   - **Buildings –** Maintain existing e.g. School of Music (excellent acoustics)
   - **Areas of Value –** To keep e.g. Centre of NZ/ Queens Gardens/ Maitai – maintain and increase vibrant spaces – arts playgrounds water fountains pathways current trees in the town area and hills
     All issues covered in Framing Our Future 2011 are a part of City Planning

This will reflect and / or embrace:
- **Town Planning – urban design**
  - Regional thinking – one region: one form of government – thinking of regional economics / role of city and hinterland – role of region in upper South Island – relationship with Blenheim / Picton / new port?
  - Nelson always has sustainable wages – with increasing elderly and the recession, focus on maintenance, not expensive new buildings
  - Controlled urban sprawl
  - Form of city – one regional government structure – compact – integrated work/ living areas – people movement (electric bikes, cycles, better public transport)
  - Town planning towards higher density – living in town centre
  - Pedestrian CBD – no cars
  - Car parking – suitable and sufficient – inner city and events for people's needs – stop taking away parking
  - Parking buildings
  - No parking in Montgomery Square on Saturdays
  - More water features and art in the CBD
  - Cleanliness of Bridge Street where the bars / pubs are – make more of that area – very drab – owners to clean everyday
  - Major upgrade to Bridge Street – more modern / appealing paving stones etc (town currently looks drab)
  - Greening of urban areas – green roofs / living walls providing insulation, earthquake protection, possible food production, reducing greenhouse gases
  - Native trees, bush, birds and wildlife closer to the city – e.g. more Grampians, Centre of NZ, Fringe Hills and CBD

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- o Town squares more vibrant / safe – cafes facing them with lots of seating
- o An area of town that is not entirely geared toward commerce e.g. a town square
- o Public spaces – squares from car parks with trees, fountains, grass, like the European model – meeting spaces focusing on community/ recreational/ social rather than commerce
- o Sport and recreation – outdoor activities – use parking lots at night – trees and seats needed
- o Safe – lights, people, surfaces (footpaths)
- o International airport here in 50 years, so increase inner city with 2-3 storey for improved transport
- o Less urban sprawl
- o Waterfront – consider Nelson's view of itself as a seaside town
- o Plentiful large trees
- o Better work opportunities for professional people – polytechnic providing training in more practical items (trades)
- o Bringing local industry to Nelson – manufacturing/ farming

- • **Housing**
  - o Quality built environment = a city I am proud of
  - o Affordable place to live for everyone
  - o Defined high density residential areas
  - o Denser inner-city – moving an working closer together
  - o Build up, not out – no more urban sprawl – keep our land for food production
  - o There will be more residential density, which will promote community and reduce transport – revise requirements
  - o Increase population density x2
  - o Maintain existing building e.g. School of Music with earthquake proofing – increasing elderly and less wages for the majority of the population, plus the recession, means can't afford expensive new buildings
  - o Houses are in small groups – eco-villages - each group is self-sufficient for water and power
  - o Warm insulated housing / homes
  - o Sustainable housing – all houses are built to a standard that makes maximum use of solar power and rainwater, to be as self-sufficient as possible
  - o All households composting
  - o Solar power for houses (increased use reduces cost)
  - o Only build houses from local and recycled materials
  - o Inner-city solar power production and rainwater use

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- **Population Dynamics – demographics, work age groups - planning**
  - Consider the role of Nelson – regional tourist centre / centres of excellence / service centre for regional hinterland / compact centre / cultural arts and crafts centre for region
  - Power of community as government, to implement positive change regarding our future and the environment's health
  - Submissions and ongoing and frequent people-input into decision making for any issue / change
  - Town planning/ resource consents aiding sustainable / organic local food production
  - People know and talk to each other
  - Living outdoors
  - Population 5,000 – 19,000
  - Council funds eco home building like fireplaces and solar panel scheme
  - Welcoming CBD at night

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8. Zero Waste - In Nelson in 2060, we want the community to be structured around the concept that all waste is seen as a resource

This will reflect and / or embrace:
- **End use management of resources**
  - Living within our means – using what we have
  - A bond on every plastic water bottle sold to reduce waste – bring it back after using (like in Germany)
  - Recognition of role of natural system in coping with human waste and pollution
  - All waste generated on land stays on land – not into fresh or coastal water systems
  - We won't have the Wakapuaka or Bells Island oxidation ponds
  - Human waste – fertilizer compost toilets – everything is a resource
  - More recycling bins – down at the marina

- **Adapting to Climate Change**
  - Abandon low level lands subject to sea level rise or stop banks – c.f. Dutch Delta Commission setting up long term funding
  - That we have taken sea level rise into consideration when we build new infrastructure e.g. Rutherford Park development is on one of the most prone sea level rises in the district
  - Survival rather than sustainability
  - Hurricane shelters

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- o Natural and effective control of pests that affect food crops and biodiversity

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- • **What there won't be**
  - o Poverty – we use the resources of NZ / the region / Nelson for New Zealanders – we have everything we need to house / clothe/ feed everyone in the country
  - o Choices driven solely by economics
  - o Domestic cats – are pests as far as birds are concerned
  - o Out-of-season exotic fruit in Nelson

- • **Education**
  - o More education in schools about health and diet
  - o Parenting will be supported and honoured
  - o All the information you need to fix all these problems is available in free media – look it up

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- • **Health**
  - o Peer support run mental health services
  - o Health system is based on health – not sickness
  - o The costliest part of medical needs will no longer be reserved for maintenance of the elderly

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