

He rau ringa e oti ai
With many hands the work will be done

NELSON 2060

Framing 
OUR Future
TOWARDS NELSON 2060

THANKS

Nelson 2060 was developed by the people of Nelson and made possible by the Nelson City Council.

We thank everyone who took part in the Framing our Future process to help create a vision and plan for Nelson's future.

We look forward to working with the community to implement this strategy and the many good ideas generated through Framing our Future.

STAY INVOLVED

Please join us in Nelson's journey.



nelsoncitycouncil.co.nz



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NELSON 2060

IS “ A place of light, health and wealth for my children and grandchildren; that would be really cool ”

LYNN WILSON, ECOFEST 2011

He rau ringa e oti ai With many hands the work will be done



This document is first and foremost a map, a toolkit and a call to action for everyone in the community.

For us this means not only Council, but industry and business; community groups; schools; households and individuals – in short everyone who lives, learns, works and plays in Nelson.

Let's all work together to create a successful future, for us, our children and our children's children.

FROM THE MAYOR'S TASKFORCE



Tēnā koutou katoa

Nelson has embarked on a new journey with Nelson 2060. Fostering real collaboration to create a vision and a road map for the future has taken time, a shared commitment, and incredible engagement from the wider community. As members of the Mayor's Taskforce on Sustainability we are pleased to have had the opportunity to contribute to the process.

Nelson 2060 reflects the dreams and aspirations of many people, all united by a common desire to see our community thrive in the future. We look forward to seeing where this journey will take us next and we encourage you all to join us.

A handwritten signature in black ink, appearing to read 'Aldo Miccio'.

Aldo Miccio

On behalf of the Mayor's Taskforce on Sustainability

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ABOUT NELSON 2060

Nelson 2060 is Nelson's sustainability strategy; it comes from the community and focuses on developing a healthy, prosperous and happy Nelson over the next fifty years. We called the process to build this strategy 'Framing our Future'.

Nelson 2060 has been created because we need to think and work in a different way. No one stands alone – we are all connected as part of a living system. Our strategy acknowledges this and asks us all to work together to create a future we all want. This is a living document that will change as we move towards Nelson 2060.

SOME WORDS APPEAR OFTEN IN THIS STRATEGY – WHAT DO THEY MEAN?

Our **vision** is what we passionately want to be and a beacon for what we stand for. By vividly describing Nelson in the year 2060, it helps guide what we want to do and how we want to do it.

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Our **goals** focus in a practical way on what we want to do first and help us work together to achieve our shared vision.

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Our **sustainability principles** help us make good decisions and even better plans – they are based on the Natural Step framework, a science-based approach to sustainability.

P.39

Actions are what we do; the great ideas, work and projects of people and organisations that move us closer to our vision. This Nelson 2060 document gives us the checklist to assess actions and make sure they take us in the right direction.

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WHY SHOULD WHAT HAPPENS IN 50 YEARS MATTER TO US NOW?



Fifty years might seem a long way away, but we need to plan and act now if we want our children to have choices and enjoy living in Nelson in 2060. Change can happen gradually, but it can also be sudden and unexpected – this is about looking out for everyone’s future.

Nelson in 2060 could be very different from the Nelson we know now. We need to understand and plan for challenges and opportunities that global trends such as climate change, energy availability, population change and growing income gaps might cause.

A successful future needs good leadership, not just from Council, but from businesses, organisations and Nelsonians, and it takes time to do this.

We need to capture the knowledge and wisdom of everyone now, including matauranga Māori, to plan a successful future.

This strategy has been started by Nelson, but to make it work over the long term we know that it will need a wider regional response. Working with our neighbours will be essential, and we hope that Nelson 2060 will continue discussion and action on issues that are shared across the Top of the South.

FIRST OF ALL, SOME BACKGROUND

As with other cities across the world, Nelson is vulnerable to global challenges. These include climate change, changing economic conditions and the uncertainty of access to imported goods and resources that we rely on. We also have some local challenges, such as our own changing population. However, with these challenges also come opportunities.

CLIMATE CHANGE

The effects of greenhouse gases and changing climate patterns on our planet are already becoming evident. They include extreme weather events, increased global average air and ocean temperatures, widespread melting of snow and ice and a rising global average sea level¹. Rising sea levels and a warmer, more unstable climate in Nelson might affect us in many ways, from where and how we can live and build, to our local economy, agriculture and tourism. Everything from plants, animals, pests and public health could change. Planning now to reduce the risks and make the most of the opportunities will help everyone. We also have a part to play in reducing overall greenhouse gas emissions.

OUR ECONOMY

Nelson as a small region in a small country is vulnerable to changes in the global economy. We will continue to compete with much larger cities in New Zealand and overseas for skills, business and investment. We rely on areas outside of Nelson to produce the food and other products we need so we're at risk from changes in price and supply. Supply lines can be disrupted by a major disaster, such as an earthquake. We can protect our livelihoods and will be able to withstand shocks better by producing and supplying more or our own basic requirements such as food, building materials and local energy and at the same time support our local economy.

Nelson's beautiful natural environment, sunny climate and access to water underpin much of our current economic wealth through tourism and primary production. It is vital that we protect and preserve it. Additionally, an enduring healthy economy can create employment through providing new skills and opportunities. For us this is also a chance to explore renewable energy options, create new business and become a city that uses less energy.



ENERGY AND RESOURCE SCARCITY

Nelson has a high per capita use of fossil fuels relative to other types of fuel, using almost double the national average. That makes us vulnerable to fluctuating oil prices and availability². However, our natural assets offer opportunities to explore and develop all sorts of new forms of renewable energy to meet our needs and allow us to be more self-sufficient. Further development of solar and biofuels for meeting our energy needs is an obvious opportunity.

OUR PHYSICAL PLACE WATER, LAND COVER AND LAND USE

The Nelson Tasman region has plenty of productive land to meet our needs. We have a well established primary production industry with potential for future growth and innovation. We also have a significant coastal and marine area that provides for both commercial and recreational activities including a growing aquaculture industry. This is a huge asset for us.

We need to think carefully about how we use land so we can protect the natural ecosystems that we depend on, and in a way that recognises and provides for the built heritage and landscapes that we value. This means thinking about urban expansion, how we farm and produce food, as well as looking after our fresh and coastal waters and soil.

OUR CHANGING POPULATION

A big challenge for Nelson is the changing make-up of our population. Increasing numbers and a larger proportion of people are expected in the over 65 age range, whilst the number and proportion of children and young adults will continue to drop³. We need to think about how best we meet the varying needs of young and old, and how we can encourage positive interaction between them in order to create a successful and rewarding future.

KEEPING PEOPLE HERE AND ATTRACTING NEW PEOPLE

We need a coordinated plan to ensure Nelson is an affordable place to live. This is important for social wellbeing and the city's economic wellbeing so we can attract and keep the workforce we need to run the economy. We have creative, well-informed communities and a surprisingly diverse range of people with practical and sophisticated talents, views and cultures that make Nelson an extremely attractive place to live.

PLANNING TOGETHER

Like other cities, Nelson faces the ongoing challenge of coordinating government agencies, diverse community groups and Council in integrated planning and action. This will be essential if we are to address the increasingly complex issues we face. We also acknowledge treaty settlement legislation, and the role that Tikanga (what we do) and Kawa (the way we do it) and the value base associated with these concepts have in delivering a sustainable Nelson into the future.



² Sustainability Stocktake of Nelson City, Cawthron Institute, 2011

³ Statistics NZ projections

⁴ Global Age-Friendly Cities: A Guide, World Health Organisation, 2007

NELSON 2060 VISION

In November 2011 Nelson City Council adopted a vision – this vision is our destination. The vision was created through:

- conversations with the community and the things we said we valued
- a growing, shared understanding of where our challenges and opportunities lie and what our capabilities are
- our sustainability principles (see page 39)

It's a big vision, with four distinct parts. If you haven't before, we invite you to read it because it represents our values, our aspirations, and gives us a picture of what Nelson is about. The full vision starts on page 46.

“ Nelson 2060 is an inclusive city, with a diverse range of residents who can connect easily to each other and to the beautiful place we call home. Our inclusive leadership style supports our unique approach to living, which is boldly creative, ecologically exemplary, socially balanced and economically prosperous. ”

THEMEONE

A sustainable city of
beauty and connectivity

P.48

THEMETWO

Outstanding lifestyles, immersed
in nature and strong communities

P.50

THEMETHREE

A strong economy, built on
knowledge and understanding

P.52

THEMEFOUR

Successful partnerships
providing good leadership

P.54

NELSON 2060 GOALS

In August and September 2012 the Nelson community worked together to decide what were the most important things to do first to achieve our vision. We did this through a range of workshops, expert reviews, surveys and conversations with Council staff and others in the community.

These goals are by no means the final list of what we need to do to reach our vision, but they are an important starting point. Fundamental to all of the goals are our sustainability principles which can be found on page 39.



GOAL ONE

We support and encourage leaders across our community

P.14



GOAL TWO

We are all able to be involved in decisions

P.16



GOAL THREE

Our natural environment - air, land, rivers and sea - is protected and healthy

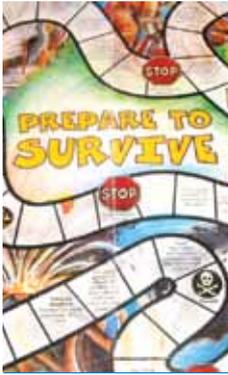
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GOAL FOUR

We produce more of our own food

P.20



GOAL FIVE

We are able to rapidly adapt to change

P.22



GOAL SIX

We move from using fossil fuels to renewable energy sources

P.24



GOAL SEVEN

Our economy thrives and contributes to a vibrant and sustainable Nelson

P.26



GOAL EIGHT

Nelson is a centre of learning and practice in Kaitiakitanga and sustainable development

P.28



GOAL NINE

Everyone in our community has their essential needs met

P.30



GOAL TEN

We reduce our consumption so that resources are shared more fairly

P.32



“ The principles of leadership, from a Māori perspective, require a focus on the needs of the people and the environment on which they depend. Both aspects are important - both must be cared for so as to ensure the long term survival and development of our communities. ”

KERENSA JOHNSTON, EXPERT PANEL REVIEW, 2012

“ Make Nelson a shining example of sustainable schools for extraordinary young leaders. ”

ASPIRE BUSINESS CONFERENCE, 2011

GOALONE

WE SUPPORT AND ENCOURAGE LEADERS ACROSS OUR COMMUNITY

Who is a leader? Is it the Council; is it representatives of local industry; is it the coordinator of a neighbourhood group or an inspired college student? The answer is, of course, they're all leaders.

Change comes from the top down, as well as from the bottom up. To do that means opening the door to a much wider range of leadership styles – from those with civic responsibilities through to the unsung heroes of quiet leadership who have earned the respect and trust of their neighbours.

Often our most effective leaders are those who have the least time, or the least awareness of their ability to create change. Working to encourage all forms of leadership will be an essential key to the success of the vision. Being a leader isn't always easy. Empowering, celebrating and valuing those who step up is part of being a positive, thriving and resilient community.

Up to twenty young people aged between 14 and 25 years form the **Nelson Youth Council**, which was established in 1998 to ensure that young Nelsonians have the opportunity to advise on Council decision-making. The Youth Councillors bring the perspective and opinions of young people to Council and learn how Council works.

The Youth Council contributed to the development of Nelson's vision for 2060 and to the process of identifying our top goals.

The **Nelson Community-Led Development Learning Network** is a forum open to anyone interested in community-led development and collective community learning. The mission of the network is to create a learning environment, with CLD principles guiding discussions. The Nelson Network was formed in late 2011 following the very successful Victory Village Forum which was organised by Victory Village, Inspiring Communities and the Families Commission. At the forum the importance of local communities leading family-centred action was emphasised and endorsed and people involved in this work expressed a wish to commit to continue their professional development by meeting regularly to reflect, share and learn together.

HOW WE MIGHT DO IT

- Provide inspiring Council leadership, including leading by example
- Invest time and money in training and encouraging all sorts of people to lead
- Work with iwi to build on Māori cultural knowledge to create an enduring future for everyone
- Broaden our planning model that covers several generations, not just a few years
- Support an equal society where all sorts of people with the right skills can take a leadership role
- Use schools, sports and the arts to develop leadership
- Strengthen local communities' sense of place and civic pride.

HOW WE'LL KNOW WE'RE GETTING THERE

- Strong partnerships drive community wellbeing
- Great examples of leadership are visible
- Māori leadership in sustainability is recognised and Māori cultural knowledge is valued and used
- Everybody invests time and money in supporting and developing leadership across the community.



“ Vibrant social networks will build community development through cooperation and participation. ”

COMMUNITY WORKSHOP, 2011

“ A two way process of civic engagement – not just participation or consultation – over a long protracted term is likely to be necessary if these changes are going to be delivered. ”

PROFESSOR BOB EVANS,
EXPERT PANEL REVIEW, 2012

GOAL TWO

WE ARE ALL ABLE TO BE INVOLVED IN DECISIONS

It's going to take everyone working together to make this ambitious vision happen. Asking everyone to truly contribute to decisions goes beyond traditional consultation into new areas of collaboration.

Local and regional partnerships also bring rewards – with the contribution of higher levels of local knowledge, skills and the ability to create a community we all want to live in.

Tangata Whenua and Nelson's whānau, hapu and iwi are key partners in the changes we need to make. We can add to that the diverse groups of residents who have chosen to live in Nelson. Nelson 2060 gives us all a chance to establish common values and goals to support cultural, social and economic wellbeing, as well as a thriving environment.

The **Nelson Multicultural Council** is a not for profit community organisation with the mission of promoting positive race relations and celebrating cultural diversity. Amongst the many services provided is a database of interpreters which is made available to health and other agencies. This database plays an important role in ensuring that people who don't have English as a first language can access services and participate in our community. A good example would be organising a session for speakers of other languages to assist them with participating in the Census, which they otherwise wouldn't be able to do.

The **Civics Education Action Group** was started following the last national election because of concern at the low number of people who voted. The group sees itself as a watchdog on parliamentary and local government issues with a social justice focus. House meetings are organised according to current issues.

The group's ideas are that the individual can be effective; local and national politics are interesting; the use of democratic systems can be taught along with critical thinking; and a group of people will be more effective working regularly together to discover, act, and submit on proposed legislative and other changes.

HOW WE MIGHT DO IT

- Invest in developing community links to strengthen local identity and make it easier for residents to get involved with their community and Council decision making
- Advocating on behalf of our community on national/international issues
- Develop local government processes that support collaboration and dialogue, and which are inclusive, transparent and representative
- Focus on Iwi and Council/regional stakeholder partnerships to incorporate Treaty of Waitangi principles into the way we do things
- Encourage and empower people to have the time and skills to engage
- Organisations use the vision to inform their planning decisions.

HOW WE'LL KNOW WE'RE GETTING THERE

- People feel a strong sense of ownership with their community and a desire to be involved in its future
- All cultures are valued and celebrated
- People are at the centre of planning and there is respect and consideration for everyone in Nelson and their right to be involved in the democratic process, and it's easy to get involved
- The Treaty of Waitangi is taken into account in planning and decision making
- Time and money is invested by everyone to help us all reach our vision
- The vision for Nelson 2060 is built into everyone's plans.



“ ...we need to also protect the other species we share the world with, that’s an ethical issue but beyond that, people cannot survive without many of those other species that keep our ecosystems replenished. ”

DR MAGGIE LAWTON,
EXPERT PANEL REVIEW, 2012

“ We need rivers, lakes and sea that looks good; can be swum in; and continues to provide kaimoana, as well as supporting industry. ”

ASPIRE BUSINESS
CONFERENCE, 2011

GOAL THREE

OUR NATURAL ENVIRONMENT – AIR, LAND, RIVERS AND SEA – IS PROTECTED AND HEALTHY

A healthy natural environment is essential for life – it sustains everyone and everything in our community. This means that in future years everyone will see the connection between healthy land, rivers, sea and air as the starting point for everything from our food and water through to health and a successful economy. From this will follow our ability to understand the impact of climate change on our environment; and our ability to manage and protect our resources wisely now and for the future.

By taking this approach and respecting the mauri and wairua of our environment we will have resources available for the community to prosper with a future rich in clean healthy water and productive land, as well as nga taonga tuku iho (the treasured natural resources) of our unique flora, fauna and landscapes.

The **Stoke Streams Rescue Project** is a partnership between the Stoke community, the Council, Waimaori Stream Care, Department of Conservation and the Cawthron Institute with funding from the Ministry for the Environment. The project aims to work with the Stoke community to improve water quality in a number of local streams and ultimately the Waimea Inlet. The project has involved monitoring the streams to get a better understanding of where pollution might be coming from, working with the community to educate and encourage stream ownership and tree planting along stream banks.

The **Nelson Biodiversity Forum** came together following the development of a Biodiversity Strategy for Nelson in 2007. It was established as a way to continue action on one of the core aims of the strategy - to align action on biodiversity by responsible agencies and the community. Over twenty partner organisations that developed the strategy are now continuing to work together and have been joined by other groups that share their aims of protecting and enhancing our biodiversity. The Forum has developed several action plans and is a successful model of leadership and collaboration.

HOW WE MIGHT DO IT

- Combine planning around land and water for areas such as the greater Tasman Bay to protect sensitive habitats, biological systems and species
- Link the hills to the coast through planning continuous strips of vegetation (biodiversity corridors) across the urban environment
- Take individual and collective responsibility for avoiding pollution to our waterways
- Protect and restore coastal, riparian and alluvial ecosystems
- Improve our management and use of freshwater resources.

HOW WE'LL KNOW WE'RE GETTING THERE

- Our water is safe for swimming and fishing
- Our urban, industrial and agricultural activities and waste no longer contaminate our waterways and coastal environment
- Native birds flourish in the city and are a noisy and dramatic part of our urban environment.



“ Food security is having access to adequate, safe, affordable and acceptable food. ”

MCKERCHAR 2006 -
SUSTAINABILITY STOCKTAKE
OF NELSON CITY, CAWTHRON
INSTITUTE, 2011

“ Everyone should be able to source home grown produce if they choose to – through land sharing, community gardens and urban food production. ”

COMMUNITY WORKSHOP, 2011

GOALFOUR

WE PRODUCE MORE OF OUR OWN FOOD

Affordable and accessible food is seen as a key priority by everyone involved so far in the development of Nelson 2060. We need to explore opportunities to increase our local food growing capacity to meet local demand without compromising the contribution that commercial growers make to our economy.

We also know that it is important for people to think about food security and affordability at a local level (by local we mean food grown as close as possible to the point of consumption – the distance from Nelson will vary depending on the food type). Growing food at home; supporting community gardens and encouraging local markets and regional produce could help bring fresher, healthier and more affordable food to Nelson residents.

Collaboration across our region is essential to make progress on this goal. For example, to ensure that we have sufficient productive land available, and to provide protection for our marine and freshwater resources.

Nelson Growables is a local charitable trust that aims to 'promote the knowledge and enjoyment of all things growable' and works with other organisations who share their aims. The Trust runs an annual fair where people can share knowledge about gardening, producing food and propagating plants; be empowered to grow their own food and eat well; and charities, schools and clubs can run stalls to raise funds through sale of things they have grown.

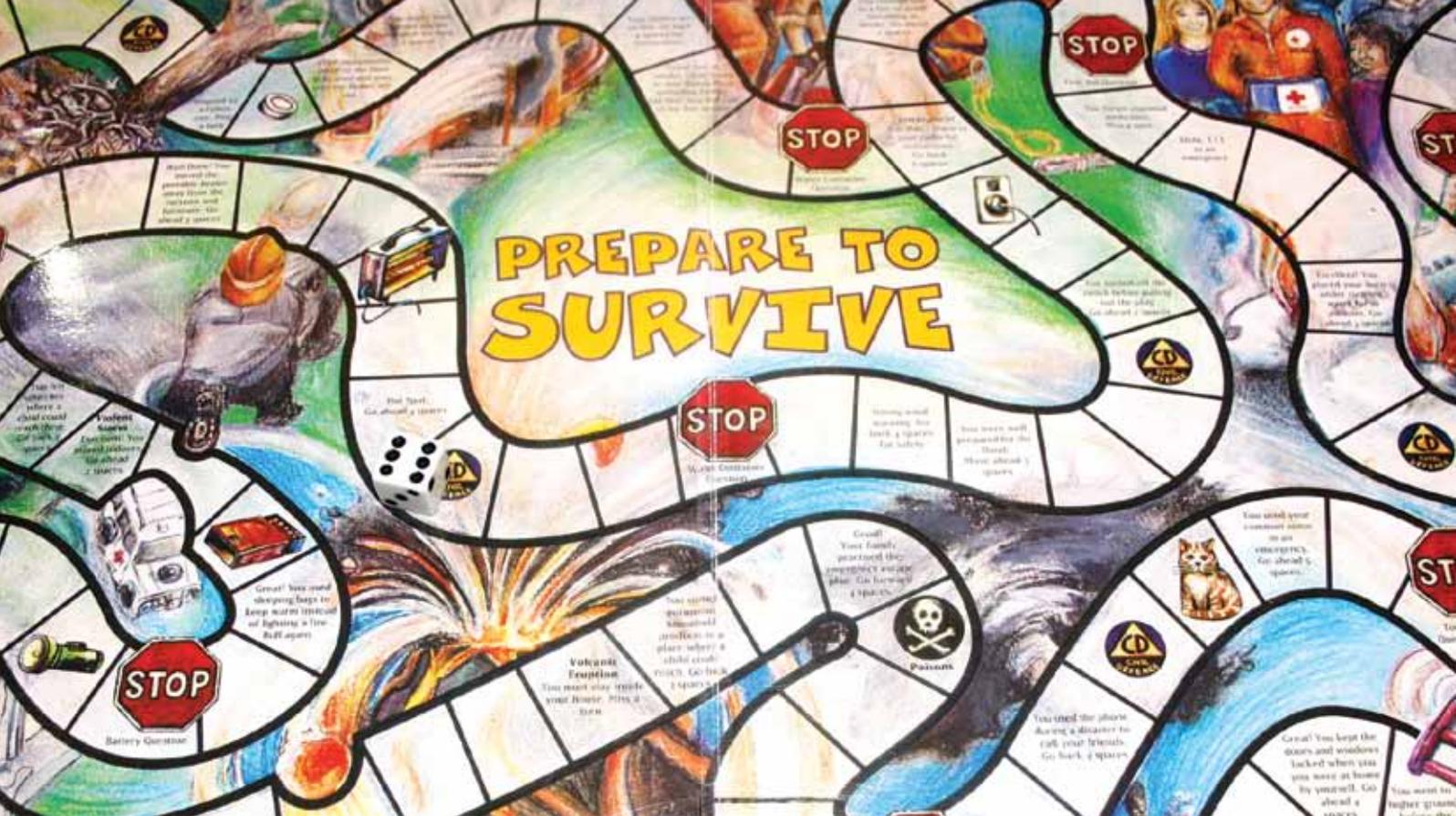
Grow It is a partnership of local community gardens, Councils, Community Education, Victory Community Centre and the District Health Board. Working together, the group has promoted and coordinated training for the community on how to compost and grow food, as well as supporting the use of community gardens.

HOW WE MIGHT DO IT

- Work across the Top of The South to secure and protect productive land and fisheries for the future
- Identify food hubs and supply chains to ensure long term food security vulnerabilities and dependencies
- Work with local commercial food growers to strengthen local food growing capacity
- Strengthen ability to grow food at a household level, including supporting community gardens
- Plant more community fruit and nut trees on public land
- Improve soil quality and reduce waste through composting
- Recognise the importance of water security.

HOW WE'LL KNOW WE'RE GETTING THERE

- Healthy, local food is available and affordable to everyone in the community
- The productive capacity of the region's land, sea and water resources is protected and improved
- Everyone knows how to grow food and has somewhere to grow it
- Our water supply is secure and sustainable
- Our marine environment provides a sustainable source of food.



“ Our region and our country are beautiful places to live, but they are also places that challenge us. Much of our local infrastructure is built across, or close to, fault lines; we regularly experience flooding; and the historical record shows our region has experienced large tsunamis.

NELSON TASMAN CIVIL DEFENCE EMERGENCY MANAGEMENT GROUP PLAN 2012



“ There will be increased use of green technology to build community independence and resilience.”

COMMUNITY WORKSHOP, 2011



GOAL FIVE

WE ARE ABLE TO RAPIDLY ADAPT TO CHANGE

This is about our ability to pick ourselves up and carry on even when faced with unexpected and sometimes catastrophic change. It's a vital ingredient for a successful and thriving community.

This might mean planning our land use and infrastructure to take into account possible sea level rise or extreme weather events, being able to react to a natural disaster such as an earthquake, or having an economy that is less affected by global economic changes. We need to understand Nelson's needs and how best to protect the things we value, such as our way of life, our natural landscapes and the character of our built environment.

Exercise ShakeOut in 2012 got the Nelson community, local businesses and schools and pre-schools thinking about their surroundings and whether they would be prepared if an earthquake struck here. It showed that there has been a huge increase in people looking at how they would really cope, getting their 'get away' packs ready at home and at work, even if it is just water.

Activities like this are about creating a greater sense of personal responsibility for our own wellbeing and strengthening our ability to react and adapt.

Recognising the need to make buildings and infrastructure more adaptable to climate change, the Nelson City Council **Land Development Manual 2010** requires all new developments to cater for increased rainfall in the future. Natural approaches such as 'swales' (a wide grass channel) rather than pipes are encouraged. The manual requires that new urban neighbourhoods are more connected to existing communities by providing a range of transport choices including roads, walkways and cycle ways.

HOW WE MIGHT DO IT

- Support the development of strong cohesive communities
- Protect our ecosystems, including good quality productive land from hazards such as sea level rise, slips and floods
- Develop local renewable energy sources
- Diversify our local economy so it is flexible and adaptable
- Adaptive re-use of heritage buildings
- Create our homes and public spaces to cater for everyone, including those who can't get around so easily
- Set up partnerships that improve local food growing
- Continue to have effective response to, and recovery from, natural disasters.

HOW WE'LL KNOW WE'RE GETTING THERE

- Nelson can respond quickly to challenges and take the unexpected in its stride
- We are stronger as a region through having more locally produced renewable energy
- Land uses have adapted to withstand rising sea levels, extreme weather events, earthquakes and tsunamis
- People can easily buy, share or gather affordable local food
- We develop strong and relevant plans with key groups including Tasman District Council and different industries to protect our future.



“ We need a full cycle/walk network for all schools and suburbs. ”

COMMUNITY WORKSHOP, 2011



“ We will focus on sustainable, renewable energy networks. ”

COMMUNITY WORKSHOP, 2011



GOALSIX

WE MOVE FROM USING FOSSIL FUELS TO RENEWABLE ENERGY SOURCES

Here in Nelson we are very dependent on carbon based energy. The challenge we face is to maintain our lifestyle in a fair and equal way that makes us less vulnerable to changing energy costs and supply, while reducing our contribution to climate change.

We can meet this challenge through taking advantage of the range of renewable resources available to us to create energy, building a thriving economy based on new technology along the way. We can also look at how we design our neighbourhoods, live close to where we work, and walk and cycle more. Done the right way, we can be better off as well as enjoying cleaner air and healthy lifestyles.

Nelson Pine Industries have reduced their carbon footprint per cubic metre of board produced by 42% since 2004. Their innovative approach to energy generation through moving away from coal to wood residue, along with a proactive approach to improving energy efficiency, has seen huge gains for them as an organisation. An unexpected benefit is attitude of staff, who motivated by their success, are continually looking for further improvements.

HOW WE MIGHT DO IT

- Use design and planning, including how we design our city, for a low carbon economy
- Create new economic opportunities around renewable energy such as solar and biofuels
- Provide more opportunities and encouragement for people to cycle, walk, use public transport and car pool
- Council can lead by example by being energy efficient
- Work together to generate local low carbon, renewable energy.

HOW WE'LL KNOW WE'RE GETTING THERE

- More of Nelson's energy needs are met by local, renewable energy sources
- We use energy in ways that don't harm our land, air and waterways
- Everyone uses fuel efficiently
- We are a low-carbon society with a thriving local economy
- We have reduced greenhouse gas emissions by using less fossil fuel
- Our economy takes advantage of the opportunities offered by renewable energy.

Nelson Airport features an array of 44 photovoltaic panels to create a Solar Gateway to Nelson. The project is a partnership between Nelson Airport and NZ SolarFarms. The investment in solar panels makes sense financially and signals that the airport is committed to reducing its carbon footprint. Part of the project is the installation of an interactive display screen in the airport public area that allows people to see how much power is generated by the solar panels and how this reduces greenhouse gas emissions.



“ We will be doing things in new ways and those companies and countries that take account of that and move towards that in a sensible and constructive fashion over the next few years will be in a better position to take advantage of those opportunities than countries and companies that do not. ”

GREENING NEW ZEALAND'S GROWTH, PHIL O'REILLY/BUSINESS NEW ZEALAND 2012

“ We will see wages increased with quality of life improving, therefore parents can stay home with kids and make a positive impact on our future community. ”

ASPIRE BUSINESS CONFERENCE, 2011

GOALSEVEN

OUR ECONOMY THRIVES AND CONTRIBUTES TO A VIBRANT AND SUSTAINABLE NELSON

Forestry, horticulture, seafood, farming and tourism - we have a diverse economic base on which to build our future. But that's only part of who we are. Nelson, with its culture of creativity and strong partnerships for learning, and with iwi, is ideally placed to develop new industries. Opportunities include research, food production and energy generation. These can help to meet our goals and mean we could become leaders in innovation and new technology. We could create markets both for what we produce and our knowledge of how to produce it. We could attract high value eco-friendly businesses and new entrepreneurs, enticed here by our beautiful region.

In recent years, **Port Nelson** has put in place a range of work practices that has reduced their impact on the wider environment as well as providing substantial cost savings for the business. This has resulted in a 10% reduction in waste to landfill and a reduction in fuel use by 2.5% over the last year. They have also seen a massive 72% reduction in noise complaints over the last two years. They are committed to improving how they work in this area and want to further reduce fuel, power and waste consumption over the coming years.

Nelson's own **Cawthron Institute** is New Zealand's largest independent scientific research organisation, offering a range of services to help protect the environment and support development within primary industries. Recent work has included successful breeding of greenshell mussels – a world first, and the creation of unique environmental monitoring buoys to assess the health of our oceans. Scientists are also working towards discovering what causes toxic algal blooms to help councils and the aquaculture sector predict and prepare for outbreaks.

HOW WE MIGHT DO IT

- Create an industry cross sector forum to make sure we work together on important economic decisions
- Establish closer ties between learning institutions, research organisations and the business sector, so we can all keep learning and building skills and talent
- Create opportunities for everyone to enjoy learning more about sustainability and other cultures
- Considering how best to attract and retain skilled people when we make any major decisions
- Local government, local businesses and industries embrace innovation
- Every Nelson workplace looks for ways to be more sustainable.

HOW WE'LL KNOW WE'RE GETTING THERE

- Our prosperity is based on innovation and working smarter, so we make the best use of all our resources for the long term
- We work together to plan for our local economy
- Our businesses and industries are adaptable in the face of external changes
- Our places of learning and our economy attracts bright young workers with the right talent to help us achieve our goals
- Our business district is a vibrant place within our city, which attracts talented people, new businesses, events and investment.



“ Age-old values such as manaakitanga, mauri and kaitiakitanga are embedded in our people and our relationship to land and resources. These values dictate how we relate to one another and to our environment. They help us to retain balance so as to make sure we leave the world in a better condition for our mokopuna. ”

KERENSA JOHNSTON, EXPERT PANEL REVIEW, 2012

“ Nelsonians will be innovative problem-solvers with a deep understanding of ecology. ”

COMMUNITY WORKSHOP, 2011

GOALEIGHT

NELSON IS A CENTRE OF LEARNING AND PRACTICE IN KAITIAKITANGA AND SUSTAINABLE DEVELOPMENT

We are all the guardians of our city's future. We need to make decisions that improve the social and physical world around us as well as our own wellbeing. Kaitiakitanga - guardianship and protection - is a helpful idea. It includes our kinship with the environment and everything else that connects with us.

We can also make lifelong learning part of our goal to strengthen our community through innovation and sustainable development. Whether this is listening and acting on ideas from the community, or strengthening our academic institutions in line with our opportunities – this is our time to lead by example in learning excellence. Using what we already have and attracting the right knowledge and skills to Nelson, will be a foundation of a successful future.

Our youngest Kaitiaki – through Nelson City Council and organisations such as the Nelson Environment Centre, local schools and kindergartens and their communities are actively involved in taking action in and for our environment, and learning about living smarter for the future. All our schools take part in community planting programmes designed both to teach students basic planting skills and give them a stake in our local parks and reserves. Last year they planted approximately 10,000 plants between them.

Programmes like Enviroschools – that empowers students and supports schools wanting to create sustainable communities, help ensure that our future is in safe hands.

Bunnings is a business working hard for sustainability in the Nelson region. It uses the success it has achieved in reducing energy use, minimising waste, saving water and building relationships with the community to show others how it can be done. Since they first opened their Stoke branch in 2008, Bunnings have welcomed numerous local businesses through their doors to get a behind-the-scenes look at how they operate and understand the impact of the initiatives they have started.

HOW WE MIGHT DO IT

- Businesses work with places of learning and with all Nelsonians to help learn how we can make the vision happen
- Learning Te Reo and Tikanga Māori is supported
- Learning about our environment and how we use it is built into educational curriculums.

HOW WE'LL KNOW WE'RE GETTING THERE

- Learning is based on working together and sharing ideas
- Māori cultural knowledge contributes to our future
- Education, training and great jobs attract young people to come to, and stay, in the region
- Nelsonians understand the importance of our ecosystems
- Nelson is seen as a role model for learning
- Everyone in Nelson does things with an eye to the future – we are a well informed community
- Everyone is involved in creating beautiful surroundings.



“ Greater social equity is integral to the concept of sustainability. ”

PROFESSOR BOB EVANS,
EXPERT PANEL REVIEW, 2012

“ Heritage and cultural celebration will be valued, involving all sectors and ages of the community. ”

COMMUNITY WORKSHOP, 2011

GOAL NINE

EVERYONE IN OUR COMMUNITY HAS THEIR ESSENTIAL NEEDS MET

Before we can make choices about how we use resources and contribute to our community, we need to be able to meet our basic needs. If food and housing isn't affordable; if education doesn't meet needs and there is no work for our young people; if places aren't easy to get to or if there is no fun and life is only about survival we might all struggle with the idea of a different, better Nelson in fifty years.

We need to think and plan in generations, rather than just in years. A great city with affordable housing, that is easy to get around and where people feel they belong doesn't happen overnight. Making sure everything is in place to provide cheap and healthy food takes a while to achieve too. We will also have a larger number of older people, which will mean some changes in work patterns, our buildings and social needs.

The future of our city depends on young people. We need to ensure that they are given opportunities to learn, work, live and play here.

The **Nelson Tasman Housing Trust** was established as a community response to declining housing affordability in Nelson and Tasman. The Trust works with central and local government and other agencies to improve access to good quality, affordable housing for local people on lower incomes.

The Trust owns and manages 15 houses in Nelson and Richmond and is currently working with a local architect and building firm to build nine two- and three- bedroom rental homes in the Brook. These homes will have many eco-features to reduce their running costs and their carbon footprint. The Trust is building a further eight similar two- and three- bedroom homes in the Victory area.

HOW WE MIGHT DO IT

- Create enough affordable, healthy homes to meet everyone's needs
- Ensuring everyone can access the services they need, including health, communication, learning and transport
- Provide places for people to meet, enjoy each other's company and to be active
- Create economic opportunities based on providing affordable food
- Encourage and reward those who volunteer for their communities
- Create scenic links between places so it's more attractive to walk or cycle
- Create public places and facilities that meet the needs of young and old
- Celebrate our culture, heritage and diversity with fun events and activities.

HOW WE'LL KNOW WE'RE GETTING THERE

- Nelson is an affordable place to live, work and play
- Everyone feels they belong and is proud to live here
- Family and children are at the heart of our community
- We are a diverse community and we welcome newcomers
- Everyone can be involved in community life
- Our health system is based on preventative care and we invest in health and learning
- Older people are respected and valued
- People feel safe.



“ We will like fixing things; we will value fixed things, and old things and repurposed things. ”

ASPIRE BUSINESS CONFERENCE, 2011

“ Nelson is dependent on imports both domestically and internationally for the resources it needs to maintain its lifestyle. ”

SUSTAINABILITY STOCKTAKE OF NELSON CITY, CAWTHRON INSTITUTE, 2011

GOAL TEN

WE REDUCE OUR CONSUMPTION SO THAT RESOURCES ARE SHARED MORE FAIRLY

Everything we need comes from our one planet—what we eat, the things we buy, the transport we use, the electricity that powers our homes, the metals and plastics in our computers, the air we breathe...it's a long list.

Our challenge is to work out how we can meet our basic needs, enjoy living in Nelson, and make sure we're not using more than our share of resources. Rethinking how we use resources creates opportunities. We could use technology to turn waste into a resource such as a fertiliser to improve food production, or grow food locally to make it cheaper and more fun working together to produce it.

The **Nelson Recycle Centre** has been operating since 1992 and is well known to many Nelsonians as a place to pick up a bargain. From its humble beginnings - the co-founders, Mike Gregory and Willi Borst would approach cars as they pulled up at the transfer station to see if people would give their goods to them for reuse rather than sending them to the tip - it has grown into a well known and popular resource in the region. It operates as a not-for-profit social enterprise, providing a community reuse service, diverting tonnes of 'waste' from landfill every year and money raised is 'recycled' into other services and programmes to benefit the environment. The Recycle Centre is run by the Nelson Environment Centre, a public good organisation that has been providing advice, education and action on environmental issues for 35 years.

Nelson Environment Centre also runs (with local council support) active waste and energy use reduction programmes in several Nelson schools and kindergartens. These programmes contribute to cost savings for the schools, spill out into the wider community through parent involvement and act as platforms for classroom learning about global issues related to living sustainably. Recently more schools have been running edible gardening programmes to support the use of organic waste from lunchboxes and improve student nutrition and food-growing knowledge.

HOW WE MIGHT DO IT

- Use good urban design principles to create resource-efficient neighbourhoods
- Reduce all types of waste
- Encourage people to see waste as a resource
- Provide more and better public and active transport options
- Provide information to make it easier for everyone to reduce consumption
- Increase the amount of land available to grow food, making sure we grow enough for local markets
- Measure how much we consume to ensure we keep reducing.

HOW WE'LL KNOW WE'RE GETTING THERE

- We all understand how and why to use resources carefully and reduce consumption, whether it's how much we use cars, or how much food we waste
- More of our energy comes from local renewable sources
- Urban design reduces the amount of energy needed to get around
- Nelson imports less and produces more essentials locally.

A group of children are gathered around a large black chalkboard outdoors. In the foreground, a girl with freckles and a dark jacket is writing on the board. Behind her, a girl in a maroon shirt with white stripes on the sleeves is also writing. A boy in a green shirt stands nearby, looking at the board. The background is filled with colorful decorations, including a large clock face and various hanging ornaments, suggesting a festive or community event. The overall scene is bright and active.

MAKING IT HAPPEN



To achieve our vision for Nelson requires us to be engaged at the local level – personal, professional, familial and communal. As a way to step up for the challenges this strategy creates, Victory Community Health Centre and with various Victory collaborators, is now considering what it might mean for the ‘way we do things around here’.

We would like to advance some of what has been done with the Heart of Nelson further into Victory spaces and places. We are also considering the ways we are networked, the use of technologies, and assessing the various levels of sustainability which will enable us to maintain relevance and continue to be the hub of this community.



KINDRA DOUGLAS, DIRECTOR, VICTORY COMMUNITY HEALTH AND MEMBER OF THE MAYOR’S TASKFORCE ON SUSTAINABILITY



HOW WE MIGHT DO IT

One of the key messages throughout this strategy is that Nelson 2060 is about collaboration. The strategy acknowledges that there is no single path towards a successful future and the Council on its own cannot make the substantial changes required – it needs a whole community effort.

This strategy is a call to action for everyone in the community to take on board the vision and the goals and work together to achieve them.

As a **resident** you might consider investing in solar power for your house, for water heating or to produce your own electricity, or look at lower energy appliances or products with less packaging

As a **business** you might decide to source more planet-friendly products (and possibly save money along the way)

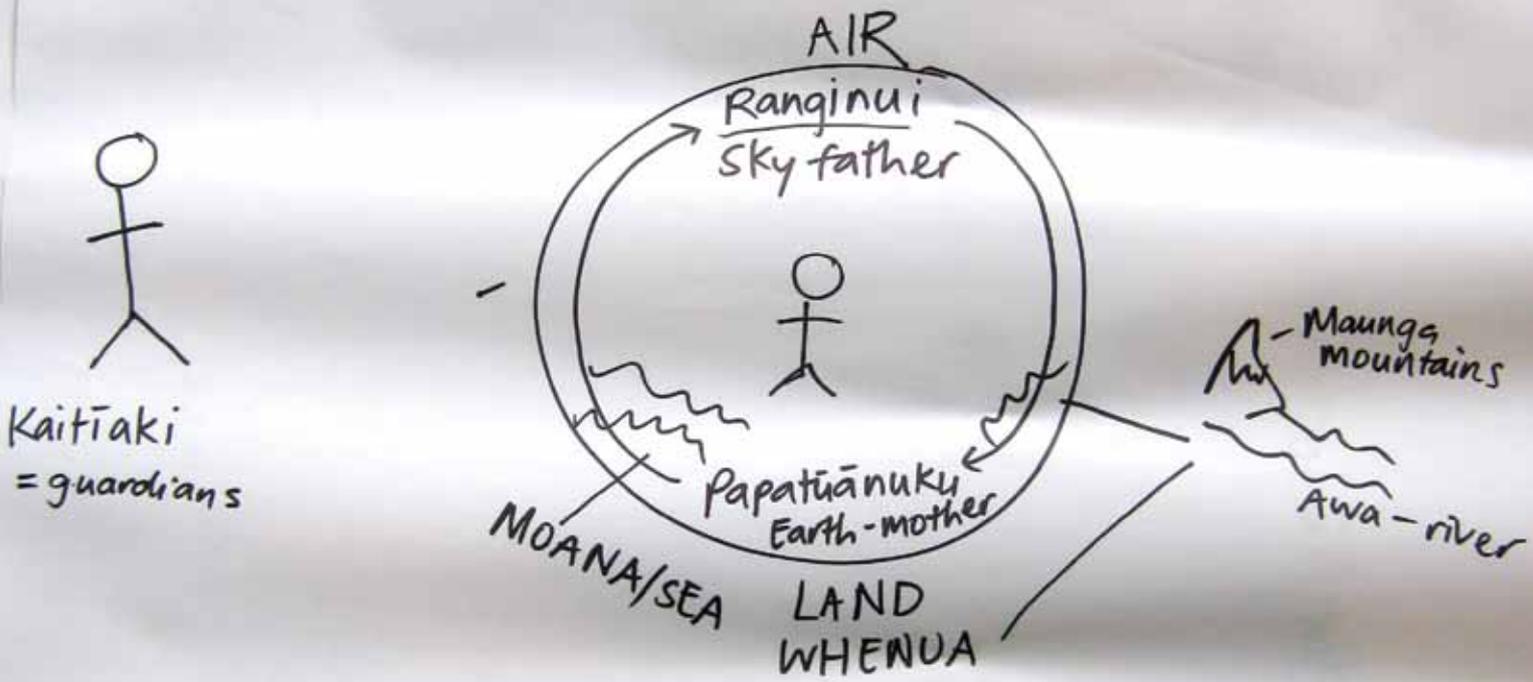
Those **organisations** with a more regional role to play might decide to invest time in looking at opportunities to work with others or new ways of doing things

As a **community group** you might decide to take on some environmental work caring for a local stream

As a **teacher** you might decide to involve your students in environmental education programmes such as Enviroschools

Organisations doing strategic planning might choose to use the goals and vision in this strategy when making decisions (there are examples where this is already happening, such as with the Nelson Regional Economic Development Agency and the Nelson Marlborough District Health Board)

Or...as a **private individual**, you might just decide to take time to learn more.



Shared responsibility for use and protection

Nelson City Council has a clear role in implementing the Nelson 2060 Strategy. There are a number of ways Council can lead on sustainability.

WALKING THE TALK – COUNCIL AS A ROLE MODEL

Council will use the vision and goals to guide decision-making, along with the sustainability principles and the framework provided by the Natural Step. This will result in changes to the way we operate as an organisation and in the work we do to make Nelson a better place.

KAITIAKITANGA – GUARDIANSHIP

Council has a leadership role in protecting and improving both our natural environment and the things we build.

WORKING WITH OUR COMMUNITY

Council can support organisations and communities to make decisions and take action that contribute to achieving our vision and goals. These are some of the ways Council can do this:

- ▶ **Building** the knowledge and skills of people in the community
- ▶ **Supporting and resourcing** opportunities to work together
- ▶ **Facilitating forums** to encourage collaboration on topics that have multiple interests e.g Active Transport Forum, Biodiversity Forum
- ▶ **Developing** effective partnerships with a focus on integrated planning
- ▶ **Encouraging** research to support Nelson’s development
- ▶ **Setting the scene** for Nelson to be the centre of excellence for sustainable development and green business.



A DIFFERENT WAY OF THINKING

As well as working together we know that we have to do things in a different way. This strategy is a first step to make this happen as a whole community. It's ambitious but necessary to make our vision happen.

This document doesn't include a long list of the actions we need to take to become 'sustainable'. Instead it is built on four **sustainability principles** and a decision **framework** that provides us with a way of making sure that all our decisions and actions are moving us in the right direction, towards our vision.

It's a learning curve for all of us. But if we keep in mind our **vision** and **goals**, and use the **framework** to help us make decisions, we will all be making a difference to Nelson every day.

In 2010 Nelson City Council adopted the internationally recognised Natural Step framework as a common way of defining sustainability that everyone can use. It provides a framework for making decisions that help us move towards a more sustainable way of living.



To find out more about the Natural Step visit:

www.thenaturalstep.org/en/new-zealand

FRAMEWORK

WHEN MAKING A DECISION WE WILL ASK

1. Does this action move us toward our shared **vision** and **goals**?
2. Is this action in line with our **sustainability principles**?
3. Is this action a **good investment**?
4. Does this action keep our **options open** for achieving our **vision** in the future?

We used the sustainability principles to develop Nelson 2060. Nelson City Council is committed to using this framework to guide its decision making and we invite and encourage you to use it too.

Use the checklist on page 40 to get started.

OUR SUSTAINABILITY PRINCIPLES



WE REDUCE WHAT WE TAKE FROM THE EARTH

We reduce our use of substances extracted from the earth's crust, such as fossil fuels and metals, and by using renewable energy sources and improving energy efficiency.



WE REDUCE OUR USE OF PRODUCTS AND MATERIALS THAT CAN'T BE ABSORBED BY NATURE

We reduce our use of manmade substances that persist in the environment rather than biodegrading, by recycling, using natural, biodegradable materials and reducing the use of synthetic chemicals.



WE SUSTAIN OUR LIFE-SUPPORTING ECOSYSTEMS

We don't damage our life supporting ecosystems and sustain those things that gave the Nelson Region its original natural character. We use sustainably produced primary produce and protect our indigenous biodiversity.



WE MEET HUMAN NEEDS FAIRLY AND EFFICIENTLY

We eliminate conditions that undermine people's capacity to meet their basic needs by providing affordable and safe living conditions, access to education, discrimination-free communities, inclusive and transparent democratic processes.

CHECKLIST

Achieving the Nelson 2060 vision will happen through the actions we all take every day. Use this checklist as a quick way to plan actions for you or your organisation.

WHAT IS THE ACTION?

1. DOES THIS ACTION MOVE US TOWARD OUR SHARED VISION AND GOALS?

“ Nelson 2060 is an inclusive city, with a diverse range of residents who can connect easily to each other and to the beautiful place we call home. Our inclusive leadership style supports our unique approach to living, which is boldly creative, ecologically exemplary, socially balanced and economically prosperous. ”

Indicate the vision theme that your action supports:

- Sustainable city of beauty and connectivity (including the built environment) (P.48)
- Outstanding lifestyles immersed in nature and strong communities (P.50)
- Strong economy built on knowledge and understanding (P.52)
- Successful partnerships providing good leadership (P.54)

Which (and it might be more than one) of the 10 goals does this action move us towards?

2. IS THIS ACTION IN LINE WITH OUR SUSTAINABILITY PRINCIPLES?

- We reduce what we take from the earth
- We reduce our use of products and materials that can't be absorbed by nature
- We sustain our life-supporting ecosystems
- We meet human needs fairly and efficiently

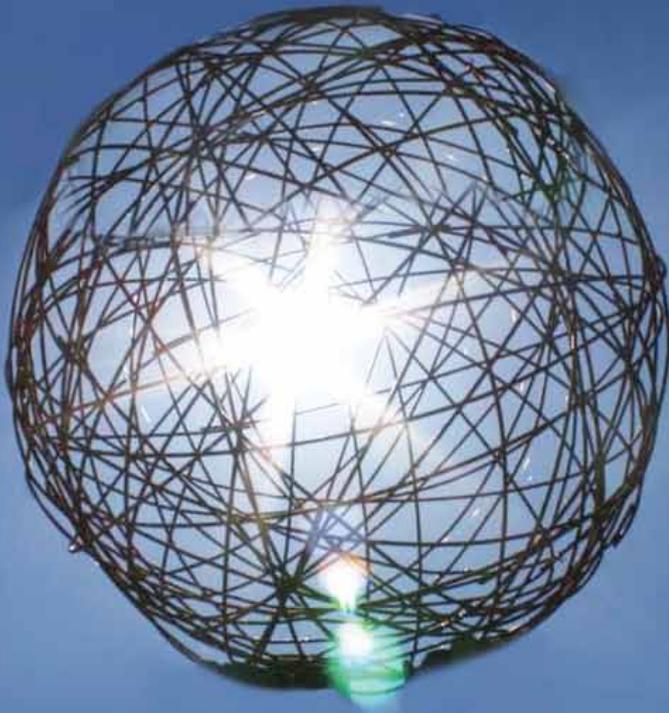
3. DOES THIS ACTION PRESENT A GOOD INVESTMENT COMPARED TO OTHER OPTIONS?

Good investment isn't just about how much something costs, it's about how long lasting it is and what the short and long term impact is on people and the environment. For example, choosing a more expensive action that reduces long term operating costs might be a better investment and use of money and resources. Or choosing a cheaper shorter-term action might be a better investment if you are waiting on technological advances or new information.

4. DOES THIS ACTION KEEP OUR OPTIONS OPEN FOR ACHIEVING OUR VISION IN THE FUTURE?

Things change over time including technology and economic conditions – is your action flexible enough so that it can support future actions towards Nelson 2060?

MEASURING OUR PROGRESS



“ What you can measure gets done! ”

JASON LEUNG-WAI,
EXPERT PANEL REVIEW 2012

It is important that we measure and track progress towards our vision and goals so we know whether we're getting there. Tracking progress can help us to develop and refocus our actions, and changes things as needed.

One of the most important benefits is that by acknowledging and celebrating our achievements – including the short term milestones – we can gain momentum towards longer term goals and the vision.

We already measure a range of things to track how our community and economy is going. The Top of the South Indicators Report, first produced in 2009, will be reviewed and updated by the three Top of the South Councils in 2013. And in 2012 the Nelson Regional Economic Development Agency broadened its six monthly tracking the economy report to align with Nelson 2060 to provide a better picture of how Nelson is progressing.

Identifying measures for the ten goals in this document will be an important next step for the Nelson community. We encourage any ideas you might have on things we can measure.



WANT TO KNOW MORE ABOUT HOW WE MIGHT MEASURE? START HERE...

Top of the South Indicators

www.nelsoncitycouncil.co.nz/top-of-the-south-indicators-report-2009

Nelson Regional Economic Development Agency

Tracking the Economy

www.eda.co.nz/Performance_Indicators_Reports

Achieving our vision needs action by many people working in many different areas. Keeping track of our actions and monitoring these areas will help us to know if we are making progress towards our vision.

BUILT ENVIRONMENT

ENERGY

FOOD SECURITY AND LAND USE

LEADERSHIP AND GOVERNANCE

LIFELONG LEARNING

LOCAL ECONOMY

NATURAL ENVIRONMENT

SOCIAL AND COMMUNITY

TRANSPORT AND MOBILITY

WASTE

WATER HEALTH AND QUALITY



TO FINISH

NELSON 2060 VISION IN FULL

“ Nelson 2060 is an inclusive city, with a diverse range of residents who can connect easily to each other and to the beautiful place we call home. Our inclusive leadership style supports our unique approach to living, which is boldly creative, ecologically exemplary, socially balanced and economically prosperous. ”

THEMEONE

A sustainable city of
beauty and connectivity

P.48

THEMETWO

Outstanding lifestyles, immersed
in nature and strong communities

P.50

THEMETHREE

A strong economy, built on
knowledge and understanding

P.52

THEMEFOUR

Successful partnerships
providing good leadership

P.54



Nāku te rourou, nāu te rourou, ka ora ai te iwi

With your basket and my basket, the people will live

THEMEONE

A SUSTAINABLE CITY OF BEAUTY AND CONNECTIVITY

Nelson in 2060 has purposefully implemented sustainable development principles and technologies to create a beautiful city that is designed to provide social equity, liveability, ecological health and economic prosperity, and that also recognises and reflects our cultural heritage.

People-centred urban development is thoughtfully managed to realise a compact, mixed use city that has strong local centres, with development along the main public transport arteries. Preference is given to development of existing urban areas over further growth on the city's outskirts. Thriving local community centres are empowered by their strong sense of interconnectedness, and by Nelson's commitment to localised renewable energy technologies, underpinned by our solar opportunity.

An affordable range of well designed housing is built around community gardens; primary food production for and by local communities is a part of life, as is respectful resource use focused on reduced consumption and a culture that chooses not to create waste.

The central city is a vibrant, attractive place in which people live, work and play. Quality open spaces are important factors in the cultural, historical and aesthetic identity of Nelson. Community hubs across the district are lively gathering places that hum with pride in "our place" and a sense of belonging.

We have vastly reduced our reliance on fossil fuels. Commercial, public and private vehicles are now powered by sustainable fuel sources. Our approach to planning actively promotes and supports environmentally light travel (on foot, by bicycle and local public transport). Nelson's energy-efficient land, sea and air transport networks are well connected regionally and nationally. Locally, green corridors connect the inner city to the city

fringes. Safe cycling routes run between schools and homes. Goods and services are within walking distance, and housing centres are further linked by public transit to local jobs.

Our city's core services are delivered efficiently and effectively: sustainable local energy, water, food, transit options, waste and comprehensive risk management drive our smart, adaptive planning. Our infrastructure is appropriately scaled: regional and neighbourhood-based power, water and waste systems are integrated with household systems to ensure maximum energy and water efficiency.

We are resilient and self-sustaining, as are the natural ecosystems that we are intrinsically woven to. Understanding the interdependence of all the ecosystem systems, and having confidence in our ability to create and manage adequate, affordable and adaptive built systems, has secured Nelson 2060 as a liveable, complete community, supporting social and built networks that enhance quality of life for all. We rely firstly on our own unique strengths and capabilities and we continue to plan effectively to secure our desired future. Our resilience brings us tangible benefits: preferences of cycling and walking enhance and enable the people-connections we highly value; consuming healthy, locally grown produce, and our active lifestyle, has contributed to the vast reduction in lifestyle related diseases; our choice to move to renewable fuels has helped to ensure that we are living well within our environmental limits.

We recognize that there is uncertainty around, and risk from, natural hazards and we work as a community to better understand and minimise the impacts these might have on the things we value.



He aha ngā mea o te ao, he tangata, he tangata, he tangata
What is important, the people, the people, the people

THEMETWO

OUTSTANDING LIFESTYLES, IMMERSED IN NATURE AND STRONG COMMUNITIES

Nelson 2060 is indisputably a beautiful place to live; a place where simple pleasures are as easy to access as reaching out a hand to touch the beauty of our environment. Nelson is celebrated as the gateway to a wider region richly endowed with an abundance of vibrant natural environments. These places teem with native plants and animals, and anywhere we are, there is easy access to active lifestyle choices and recreation opportunities that ground us in ourselves, each other and our place. We wholeheartedly embrace those opportunities and encourage our surroundings to spill into our built areas: we exercise and rest alongside river corridors rich in biodiversity. We delight in sharing our city with birdsong and green spaces. The coast and the mauri (spirit) of our marine waters wrap around our built and natural edges.

We are proud of Nelson's reputation as a champion of natural advantages and environmental worthiness. Our stewardship of, and engagement with, this beautiful and unique regional environment has ensured that the range and diversity of naturally functioning ecosystems and indigenous biodiversity is enhanced, safeguarded and valued as natural taonga.

This is a place where people connect to and value each other and the fabric of the place we call home. A deep sense of integrity bonds and engages the old and young, Māori and global cultures, diverse interests and eclectic backgrounds into one community. Nelson's warmth and care invites all to participate; religion and spiritual diversity are celebrated for their contribution to our community's social wellbeing.

The creative heart of the city is sustained by nurturing its arts and artisans, valuing its heritage and supporting community cultural aspirations. This wide ranging diversity contributes to a full portfolio of opportunities in the fields of art, music, literature, active recreation and sport, heritage and learning. Accessible and adaptable social and recreational facilities and services abound; Nelson creates memorable and enjoyable local festivals and celebrations. Nelson continues to be a safe place to live and work. Vibrant cooperative networks have secured social equity and resilience. People commit to this community, assured that all have access to adequate income, healthy affordable housing and safe, vibrant lifestyles of distinction.



Ka whāia te wahie mō taurua, ka mahia te kai mō tau

Firewood for the winter is gathered, food for the year is prepared

THEMETHREE

A STRONG ECONOMY BUILT ON KNOWLEDGE AND UNDERSTANDING

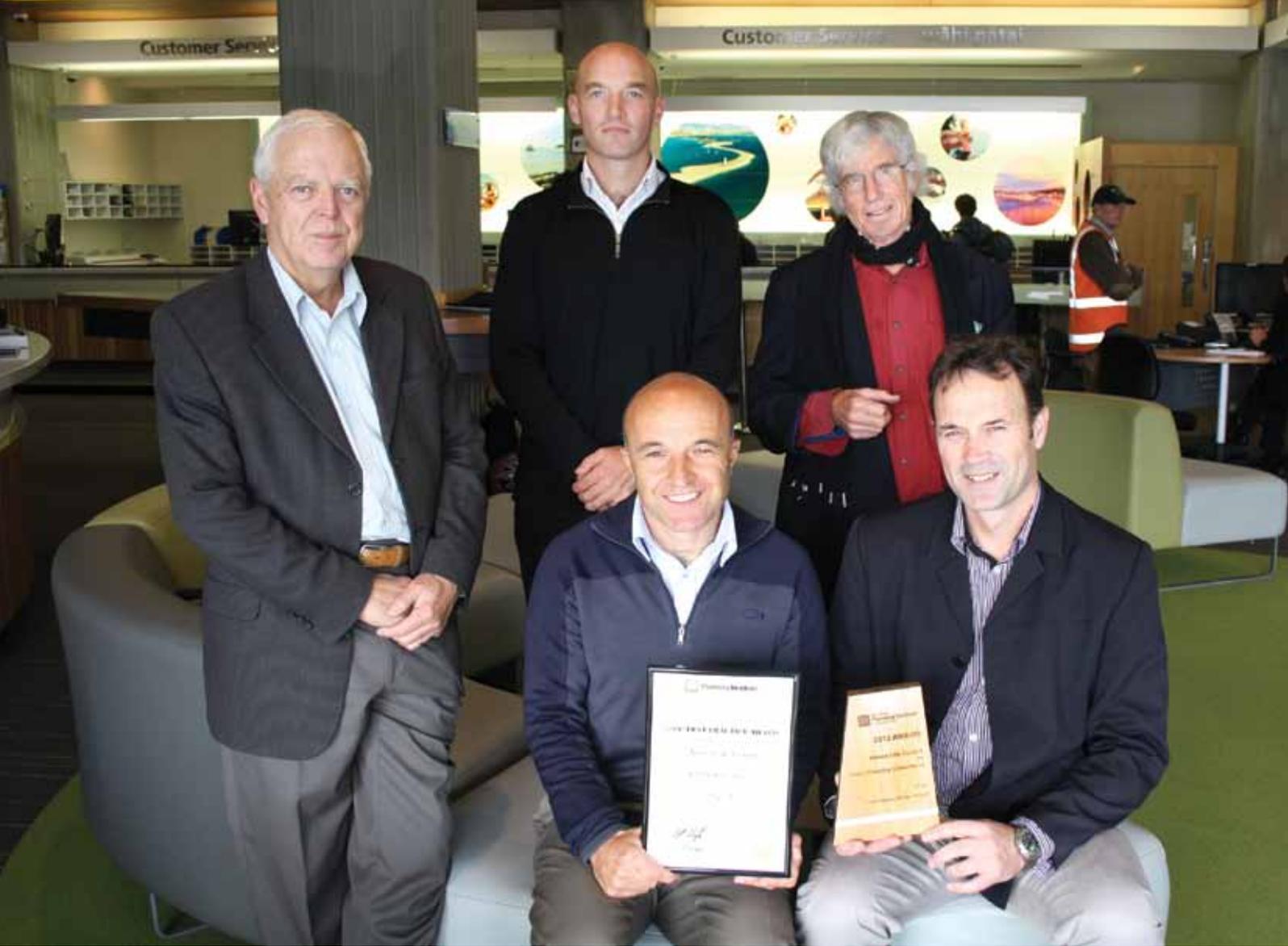
The importance we place on interaction and participation, and an appreciation for the role culture and creativity play in defining our community, provides the perfect conditions for entrepreneurial and learning excellence. Nelson's deliberate policy of embracing sustainable environmental and natural technologies is a constant stimulus for the local economy.

The environment and the economy are not antagonists here. For Nelson, sustainability is not simply a matter of ambitious environment and social protection concepts. Instead, it is seen as the springboard for positive developments in the areas of economy, education and science. Nelson 2060 has developed strengths in the fields of research into, and the marketing of, renewable energy technologies. Private and state research excel; a centre for sustainable technologies has been established and acts as a centre of gravity, informing and supporting hundreds of spin-off companies, service providers, organisations and individuals.

Nelson's businesses understand and actively pursue business models built on sustainable development.

New food production technologies have enhanced and extended our food security. Industry sectors such as agriculture, horticulture, aquaculture and technology are benefiting from the continued upsurge in the solar economy. Aquaculture within a clean, healthy and resilient coastal ecosystem is a key industry. Cultural tourism and local retail are flourishing. Knowledge based businesses with extremely light ecological footprints thrive alongside our traditional strengths.

Nelson's approach to life, its lifestyle, culture and creativity attracts entrepreneurs, stretch thinkers and investors from across the globe. Education, training and employment options attract young people to Nelson, and they stay. Nelson's businesses attract and keep talent. Local schools and tertiary providers partner with businesses to prepare students for work – to become people who can add value to our economy, ensuring that our population continues to develop, creating ideal conditions for the city's social balance and economic success.



Ehara taku toa i te toa takitahi, engari he toa takitini
Success is not the work of one but the work of many

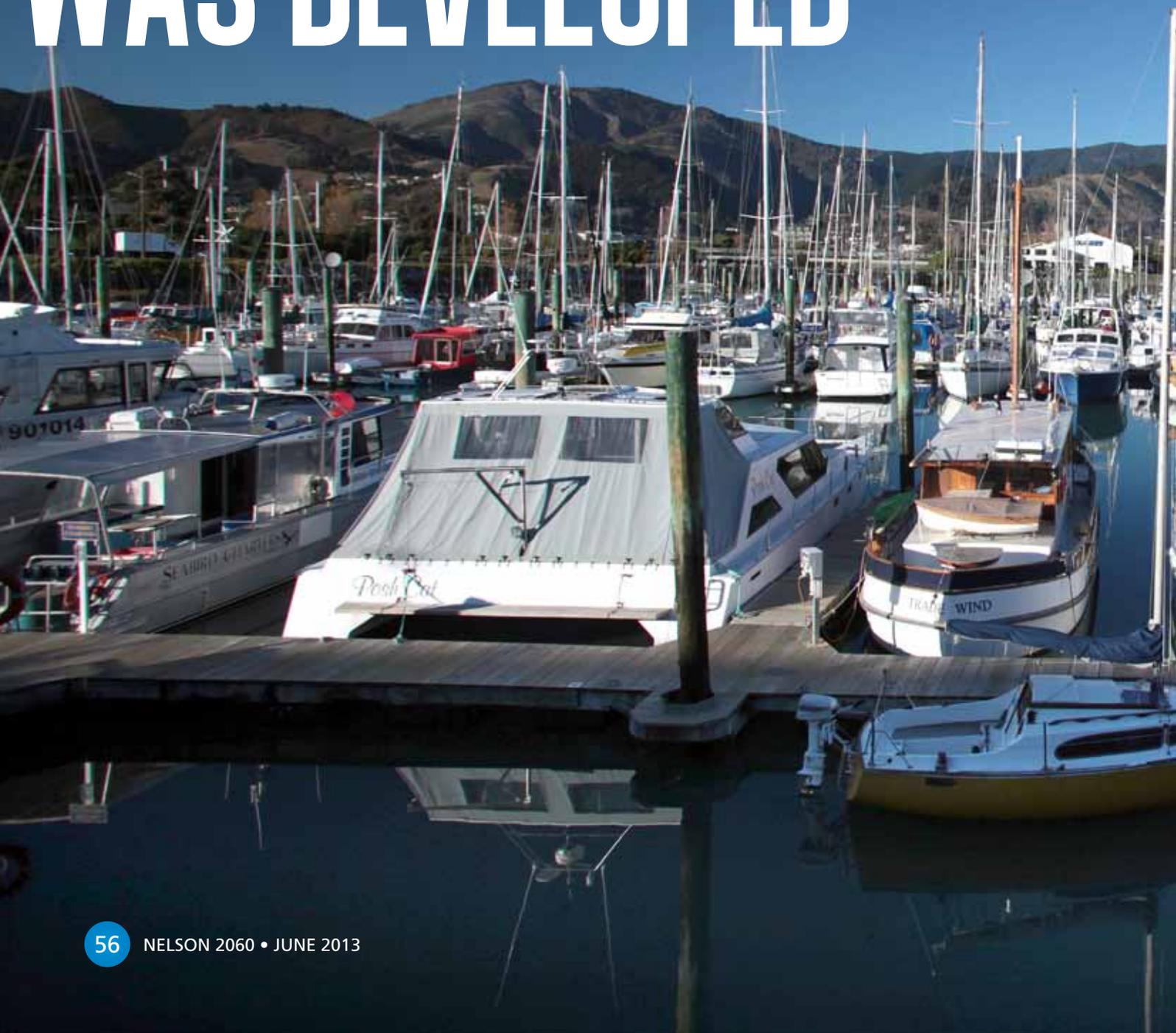
THEMEFOUR

SUCCESSFUL PARTNERSHIPS PROVIDING GOOD LEADERSHIP

Nelson's local leadership approach is founded on the principles of kaitiakitanga, partnership and inter-generational responsibility. This city plans ahead in a cooperative, participatory manner - Nelson 2060 is a living example of sustainable practice in action. Our commitment to inclusive governance has seen it stand out as an enabling, learning leader across economic, environmental, cultural and social domains. We use and strengthen this advantage and build expertise in our partnerships under the Treaty of Waitangi principles and responsibilities. Our community understands and embraces these principles.

Nelson is known as a centre of community innovation; together we tackle increasingly interconnected social, environmental and economic issues in thoroughly engaging ways. The imagination and inventiveness of citizens, experts and activists is embraced in collaborative efforts that make us increasingly more inclusive, innovative and interactive with the world and each other.

HOW NELSON 2060 WAS DEVELOPED





In 2010 Nelson City Council began the process of developing a community sustainability strategy using the Natural Step framework. We called this process 'Framing our Future' and everyone in Nelson had the opportunity to be involved.

COMMUNITY CONVERSATIONS

Conversations and workshops with the Nelson community were held through 2011 and 2012 to generate the vision and goals in this document. We thank everyone who made the time to contribute.

MAYOR'S TASKFORCE ON SUSTAINABILITY

At the beginning of 2011 Nelson Mayor Aldo Miccio brought together leaders from business, community organisations and Councillors to guide Nelson's journey towards a more sustainable future. The Mayor's Taskforce has supported and overseen the development of Nelson 2060 and has provided valuable input throughout the process.

TASKFORCE MEMBERS

Aldo Miccio (Chair)
Mayor of Nelson City

Kristin Aitken
Senior Resource Planner -
Central Region, New Zealand
Transport Authority

Christine Bary
Turners and Growers

Ali Boswijk
Deputy Mayor

Kindra Douglas
Director, Victory
Community Health

Susan Edwards
Strategic Development
Manager, Tasman District
Council

Bill Findlater
Chief Executive, Nelson
Regional Economic
Development Agency

Rob Fryer
Conservation and
Ecology Leader, Nelmac

Kate Fulton
Nelson City Councillor

Phil Goodall
General Manager,
Nelson Electricity Ltd

Jo Gould
Community Support
Manager, Department
of Conservation

Liz Hegarty
(Previously Development
Manager), Nelson Regional
Economic Development
Agency

Christine Hemi
Ngati Kuia Trust

Allan Hippolite
Te Kahui Hauora o Ngati
Koata Trust

Grant Jones
Chief Executive, Nelson
Environment Centre

Lynda Keene
Chief Executive, Nelson
Tasman Tourism

Richard Kempthorne
Mayor of Tasman District

Dot Kettle
Chief Executive,
Nelson Tasman Chamber
of Commerce

Ed Kiddle
Medical Officer of Health,
Nelson Marlborough
District Health Board

Thomas Marchant
Environmental Officer,
Port Nelson Ltd

Annette Milligan
Chair, Network Tasman

Nigel Muir
Chief Executive, Tasman
Regional Sports Trust

Jo Rainey
Regional Manager,
New Zealand Trade
and Enterprise

Rachel Reese
Nelson City Councillor

Guy Salmon
Chief Executive,
Ecologic Foundation

Derek Shaw
Nelson City Councillor

Kura Stafford
General Manager,
Tiakina Te Taiao

Dorje Strang
General Manager,
Aquaculture, Sealord Group

Ropata Taylor
General Manager Human
Resources and Manaaki,
Wakatu Incorporated

Martin Vanner
Director of Finance
and Corporate Services,
Nelson Marlborough
Institute of Technology

Roger Waddell
Education Partnerships
and Schools Advisor,
Nelson Marlborough
Institute of Technology

Mike Ward
Nelson City Councillor

Gillian Wratt
(Previously Chief Executive),
Cawthron Institute

THE EXPERT REVIEW PANEL

Eight expert reviewers from a range of specialist fields completed a review in June 2012 of the work done by the community throughout 2011. The reviewers looked at the many ideas, actions, suggestions and statements the community had developed. They provided guidance to ensure we were on track towards sustainability and developed options, based on their expert knowledge, on how to move the community towards the vision for Nelson in 2060.

The review provided valuable information that was used in the next phase by the community to identify the priority goals.

THE REVIEWERS

Bob Evans

Professor of Environmental Planning, University of Waikato

David Francis

Sustainable Business Adviser, Nelson Regional Economic Development Agency

Philippa Howden-Chapman

Professor of Public Health, University of Otago

Kerensa Johnston,

Lawyer, Māori land law, the Treaty of Waitangi and local government law

Peter Lawless

Biodiversity and Strategic Process Expert, The Lawless Edge

Dr Maggie Lawton

Future By Design and The Natural Step Adviser

Jason Leung-Wai

Senior Economist, Business and Economic Research Limited (BERL)

Peter Olorenshaw

Architect and Convenor of Nelsust: The Nelson Transport Strategy Group

STOCKTAKE

Research was commissioned from the Nelson-based Cawthron Institute to identify the current sustainability challenges facing Nelson. This report has formed the starting point for much of the subsequent work.

FRAMING OUR FUTURE COMMITTEE

In September 2012 Nelson City Council established the Framing our Future Committee, with all Councillors and the Mayor as members. The Committee was established to provide leadership, support and advice for the implementation of Nelson 2060 and signals the ongoing commitment of Nelson City Council to work towards the Nelson 2060 Vision.

“ The Nelson 2060 Strategy is one of the most exciting and important pieces of work that I have been involved with during my time at Council. Just one of the pluses has been the high level of community feedback and participation that has got us to this stage. One of the roles of the Committee will be to build upon this involvement and extend it to other areas of the community. ”

COUNCILLOR MIKE WARD, FRAMING OUR FUTURE COMMITTEE CO-CHAIR

“ The Vision for Nelson in 2060 can only be achieved if there is wide spread community engagement and commitment to making the vision a reality. We need individuals, businesses, community groups and other organisations to join us on the journey. One of our main priorities will be making that happen. ”

COUNCILLOR DEREK SHAW, FRAMING OUR FUTURE COMMITTEE CO-CHAIR

Nelson 2060 will continue to develop as we work towards our shared goals as a community, using the strategy as our framework for decision making.

GLOSSARY

BIODIVERSITY

Is the natural diversity of all life, including diversity in genes, species, populations and ecosystems.

CLIMATE CHANGE

Is a significant and lasting change in weather patterns.

COLLABORATION

Is working together to realise shared goals.

ECOLOGICAL FOOTPRINT

Is a measure of human demand on the Earth's ecosystems. It is the amount of biologically productive land and sea area necessary to supply the resources a human population consumes, and to absorb the associated waste.

ECOSYSTEM

Is a community of living organisms (plants, animals and microbes) and non living components of their environment (like air, water and mineral soil), that are linked together through nutrient cycles and energy flows.

FOSSIL FUELS

Are fuels that contain a high percentage of carbon, including coal, petrol and natural gas. These carbon-based sources of energy release carbon dioxide when burned.

GREENHOUSE GAS EMISSIONS

Are gases that trap heat in the atmosphere. These include carbon dioxide, methane, nitrous oxide and ozone.

LEADERSHIP

Is a process of social influence in which one person can enlist the aid and support of others in the accomplishment of a common task. Leadership is also about organizing a group of people to achieve a common goal.

LOW CARBON ECONOMY

Is an economy which is able to function with low use of fossil fuel.

RENEWABLE ENERGY

Is energy that comes from resources which are continually replenished such as sunlight, wind, rain, tides, waves and geothermal heat.

RESILIENCE

Is being able to cope and recover from shocks and adapt to persistent change.

SEA LEVEL RISE

Is caused by two main factors: expansion of ocean water as it warms, and melting of land-based glaciers and ice sheets.

SOCIAL EQUITY

Means everyone has fair access to education and resources, full participation in the political and cultural life of the community and self-determination in meeting their fundamental needs.

SUSTAINABILITY

Is a state where natural and social systems are not being systematically undermined.

TOP OF THE SOUTH COUNCILS

Are Marlborough District Council, Nelson City Council and Tasman District Council.



SUMMARY

NELSON 2060 AT A GLANCE

VISION THEMES

THEME ONE

A sustainable city of beauty and connectivity

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THEME TWO

Outstanding lifestyles immersed in nature and strong communities

P.50

TEN GOALS

GOAL ONE

We support and encourage leaders across our community

P.14

GOAL TWO

We are all able to be involved in decisions

P.16

GOAL THREE

Our natural environment - air, land, rivers and sea - is protected and healthy

P.18

GOAL FOUR

We produce more of our own food

P.20

GOAL FIVE

We are able to rapidly adapt to change

P.22

AREAS WHERE CHANGE IS NEEDED

BUILT ENVIRONMENT

ENERGY

FOOD SECURITY & LAND USE

LEADERSHIP & GOVERNANCE

LIFE LONG LEARNING

HOW WE GET THERE

Building community skills and knowledge

Working together - collaboration and partnerships

Using Māori knowledge to create sustainable futures

CALL TO ACTION

Help this vision become reality.

“ Nelson 2060 is an inclusive city, with a diverse range of residents who can connect easily to each other and to the beautiful place we call home. Our inclusive leadership style supports our unique approach to living, which is boldly creative, ecologically exemplary, socially balanced and economically prosperous. ”

THEME THREE

A strong economy built on knowledge and understanding

P.52

THEME FOUR

Successful partnerships providing good leadership

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GOAL SIX

We move from using fossil fuels to renewable energy sources

P.24

GOAL SEVEN

Our economy thrives and contributes to a vibrant and sustainable Nelson

P.26

GOAL EIGHT

Nelson is a centre of learning and practice in Kaitiakitanga and sustainable development

P.28

GOAL NINE

Everyone in our community can meet their essential needs

P.30

GOAL TEN

We reduce our consumption so that resources are shared more fairly

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LOCAL ECONOMY

NATURAL ENVIRONMENT

SOCIAL/ COMMUNITY

TRANSPORT/ MOBILITY

WASTE

WATER HEALTH/ QUALITY

Thinking in generations, not years

Integrated planning

Measuring progress

Everyone using the vision

Use the vision, goals and decision framework in this strategy to work out where you, your family and your organisation can make a difference.

SUSTAINABILITY PRINCIPLES

-  We reduce what we take from the earth
-  We reduce our use of products and materials that can't be absorbed by nature
-  We sustain our life-supporting ecosystems
-  We meet human needs fairly and efficiently

DECISION FRAMEWORK

1. Do our actions move us towards our shared **vision** and **goals**?
2. Are they in line with our **sustainability principles**?
3. Are they a **good investment**?
4. Do they keep our **options open** for achieving our **vision** in the future?

