



G R E A T E R C H R I S T C H U R C H Recovery Update

ISSUE 30

MARCH 2014

Innovative digital modelling will help redevelop central city



Images are an artist's impression to demonstrate 3D modelling capability only. Images are not intended to reflect the exact state of some of the structures as they stand today or will be in the future.

With this week's release of a new set of three-dimensional virtual models of central Christchurch, it will be much easier to visualise the inner city as it was before September 2010 – and to use that vision to plan for the future.

The release of the ZNO Christchurch Central Model Set is part of the 3D Enabled Cities workstream led by Land Information New Zealand (LINZ). It is one of eight projects in the Canterbury Spatial Data Infrastructure (SDI) Programme led by LINZ.

"The Model will help to visualise the significant changes to the central city landscape," says LINZ Canterbury SDI Programme Manager Julian Carver.

"It is an important virtual record of the buildings that existed prior to September 2010, and the buildings that remain today. The model set covers commercial, heritage, and major apartment buildings in 36 'core city blocks', and four 'outer CBD blocks'.

"This will help to retain a digital snapshot of Christchurch's heritage. These models have already been used in Christchurch Central Recovery Plan videos and the Christchurch Central Development Unit's award-winning BNZ Amazing Place exhibit."

Released under an open licence, the models are available to anyone at no cost. It is the first time such extensive and accurate 3D models have been freely available in New Zealand.

"A benefit of the open licence means that anyone can download and improve the models and use them in apps

"It is an important virtual record of the buildings that existed prior to September 2010, and the buildings that remain today. The model set covers commercial, heritage, and major apartment buildings in 36 'core city blocks', and four 'outer CBD blocks'.

like the High Street Precinct project to celebrate the heritage we have lost," Mr Carver says.

"The release of this model set is the first step towards creating a strong foundation for 3D visualisation of the city, and it's hoped that architects and their clients will contribute 3D models of 'to be built' developments to accompany the models of remaining buildings. This will help Christchurch people, tenants and investors to visualise what the city will look like in the future."

Architects will also be able to use the models to help them design better buildings and outdoor spaces. With the models, they can visualise the developments around their designs and simulate environmental effects.

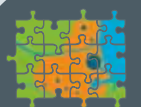
The next step for the 3D Enabled Cities project is to develop an online 3D viewer. Anyone will be able to use it to see central Christchurch as it was before 2010, how it looks now, and what it will look like in years to come.

To access the ZNO Christchurch Central Model Set, go to: <http://sketchup.google.com/3dwarehouse/>

LAND USE RECOVERY PLAN

Special 'Land Use Recovery Plan' overview

Go to pages 6 and 7 to find out more about how the Land Use Recovery Plan is helping to shape the recovery of greater Christchurch.



CERA
Canterbury Earthquake
Recovery Authority
Te Mana Hauamanu ki Waitaha

Central city living
– moving from a
vision to a reality

page 5

Get 'In the
Know' about the
residential rebuild

page 10

Find out how knowing
your neighbour is a
'piece of cake'

page 11/12



Hon Gerry Brownlee
Minister for Canterbury Earthquake Recovery

The third anniversary of the 22 February earthquake was an important day for our community. For many it brought back vivid and difficult recollections. For over two years after that fateful day we regularly experienced shakes, with over 20 months passing before we had a clear period of no tremors over magnitude three on the Richter scale, signalling the rebuild could begin in earnest.

Much has happened since then and it's a good thing that we take stock of the progress we've made and are making. There are still a lot of repairs to be done, a lot of empty spaces to be filled and a lot of rebuilding to do. And there are many people who can't yet put the event behind them, and they need our support.

What I hope everyone can take heart in is the progress we are making. Canterbury's future looks very bright. I honestly believe our city and the wider region will be seen in years to come as a great example of triumph over adversity.

Canterbury's economy has been incredibly resilient and is now a key driver of the strong economic recovery occurring throughout the country.

When I look back to 2011 and the projected population flight, and fears of widespread job losses and plummeting real estate values, I am particularly struck by the tenacity of our people, the flexibility of our employers, and the underlying strength of the communities that make up greater Christchurch.

My own academic reading following the September 2010 earthquake told me the enemy of natural disaster recovery is indecision. The decision was made very early on that the scale of these events meant the worst thing we decision-makers could do was dither.

People needed certainty, and I believe the many positive things that have happened and are happening in Canterbury affirm the right approach was taken. Every international expert in disaster recovery I've met positively acknowledges the pace of our recovery. As a result, we're now seeing huge positive advances from those early days in the recovery. We've got an increasing population, fewer unemployed and the pace of the rebuild is really picking up.

Greater Christchurch has always been a great place to live. You only have to go up in the Port Hills in the weekend to see all the runners, walkers and bikers along with those beautiful views, to be reminded of this.

We are building an inner city to reflect that lifestyle, where there will be more pedestrians and cyclists, public spaces, urban living, a great sports centre and play area, and a public transport system designed to ensure easy access into this well-designed commercial and retail core. A great step towards this was the call late last month for Expressions of Interest in working with the Crown to build 750 new homes in a new residential community in the East and North frames. This could see the central city population increase by 25 per cent. We expect a great deal of positive energy from the developer market in response to this initiative which I believe will set greater Christchurch apart.

Finally, despite the rekindling of painful memories with the 22 February anniversary, I firmly believe this third anniversary sees us stronger, and with a very bright future ahead of us. ☺

Gerry Brownlee

The recovery by numbers

Total consents for new homes in greater Christchurch in 2013 **5,064**

2,542 issued in Christchurch city
1,248 issued in Waimakariri district
1,274 issued in Selwyn district

In December 2013,
345 new home consents were issued, surpassing the previous monthly record set in September 2013.

Since September 2010,
over 13,400 consents have been issued for new homes in greater Christchurch.



Source: Statistics New Zealand (December 2013)



Commercial building consents

549,000m² of new non-residential building consents were issued in greater Christchurch during 2013, which is roughly the equivalent of 80 rugby fields.

This represents 20% of the New Zealand total for the same period.



Christchurch city = **339,365m²**
Waimakariri district = **84,216m²**
Selwyn district = **125,625m²**

Building consents total value

Roughly **\$6 billion** worth of building consents have been issued in greater Christchurch since September 2010. **\$2.6 billion** of these were issued in 2013 alone.

Christchurch city = **\$3.6 billion**
Waimakariri district = **\$1.1 billion**
Selwyn district = **\$1.2 billion**

Source: Statistics New Zealand (December 2013)

THREE YEARS ON... IT'S ALL RIGHT TO BE EXCITED ABOUT OUR FUTURE

Christchurch Art Gallery on the rise

The Christchurch Art Gallery Te Puna o Waiwhetu is slowly but surely on the up and up, and on track to re-open in late 2015.

The 30,000-tonne building gradually settled up to 150mm lower on one side following the Canterbury earthquakes, and the heavy lifting required to raise and re-level it is now well underway.

Aurecon, which is overseeing the multi-million dollar repair of the Art Gallery, has contracted re-levelling works to international experts Uretrek and the Chemical Grouting Company of Japan.

Re-levelling the building includes creating 100 cement columns beneath the Art Gallery, each three metres in diameter, which provide a platform to allow the building to be lifted and levelled.

To form the cement columns, a small hole is drilled through the foundation and a pipe inserted seven metres below. High-pressure grout is then pumped downward while spinning the pipe and slowly drawing it out.

The grout travels out with such force that it blasts the soil out of the way. The result is a 3-metre-diameter cement column beneath the building, with each column stopping a metre short of the foundation to form a void. This process is repeated 100 times to ensure the Art Gallery's 'footprint' is covered.

The finished columns provide a solid platform to push off as the building is very slowly lifted, millimetre by millimetre.

Shorter pipes are inserted through the foundation to the void, and quick-setting grout is pumped through the pipes to the point where the void is overfilled. It builds enough pressure to start slowly pushing the 30,000-tonne building upward.



Complex foundation re-levelling work well underway. Image courtesy of Christchurch Art Gallery Te Puna o Waiwhetu.

The pumping of the quick-setting grout is computerised and up to 90 locations can be synchronised at one time. The computer automatically compensates if one area gets ahead of another.

Christchurch Art Gallery Director Jenny Harper says she finds the process fascinating.

"The precision, calibration and expertise required to undertake a project such as this boggles the mind," she says. "But the fact that the Gallery is now, quite literally, on the rise is a wonderful milestone and a welcome reminder that we are well and truly on the way to re-opening in late 2015." 🌱

Christchurch City Council

Phone: 03 941 8999
Web: www.ccc.govt.nz
Email: info@ccc.govt.nz

UPDATE FROM ENVIRONMENT CANTERBURY

Significant milestone for Environment Canterbury in the central city

Late last month saw the first ground turned on Environment Canterbury's new central city office site.

Dame Margaret Bazley and Commissioners hosted the ceremony at the Tuam Street site with Minister for the Environment Amy Adams turning the first sod.

Dame Margaret says it marks a significant milestone towards Environment Canterbury relocating back into the central city.

The building, which is designed by Wilson and Hill Architects, will have a floor area of 6,890 square metres and a basement car park area of 1,758 square metres.

"We have designed the 200 Tuam Street site as an eco-friendly office, with modern open plan working environments. The building will be base isolated using lead rubber bearings above the basement and have energy efficient heating and cooling using ground water. In addition it will provide for 120 cycle parks and an additional 50 car parks above ground," Dame Margaret says.

The initial stages of construction will see the basement excavation of more than 7,800 cubic metres of soil excavated and piling to approximately 16 metres below the ground surface. 🌱



Minister for the Environment Amy Adams, along with Dame Margaret Bazley, turning the first sod on Environment Canterbury's new central city headquarters.

Environment Canterbury Regional Council
Kaunihera Taiao ki Waitaha

Phone: (03) 353 9007
Web: www.ecan.govt.nz



Roger Sutton
CERA Chief Executive

With another anniversary of the 22 February earthquake now behind us, I am struck by how this day now defines us as a city and will do, I think, for some time. Along with the many memories triggered by these anniversaries, I am also acutely conscious of the huge changes that we have seen in this city over the last three years. Yes, it has been hard and still is for many of you. But we are now seeing some very exciting new developments happening, new buildings popping up and obvious progress being made on the repairs of our much-loved icons.

While it is darker in the mornings as I bike into work, there are now more lights on in the central city, more people about and a real sense of increased rebuilding activity. Have you seen the striking new Strange's building in High Street, the innovative new buildings in Victoria Street and the roof of the Arts Centre clock tower now back up there at the end of Worcester Boulevard? It is exciting to see the huge repair projects underway at the Christchurch Art Gallery on Montreal Street, and the restored Isaac Theatre Royal re-emerging on Gloucester Street.

Across the wider city there is also a lot happening. For instance, in Halswell, the new school is now well underway, new shops are popping up (have you seen the exciting development around the Tannery in Woolston?) and \$1 million is being spent every day at Canterbury University on building projects.

I am very keen to see the pace of our recovery stepping up significantly this year. I am sure you will agree that it is time to see some real results here. The anchor projects within the central city are clear markers against which we can measure progress and I would encourage you all to keep a close eye on the buildings beginning to appear in the middle of this year, particularly along the South Frame (the Tuam, Lichfield and Colombo Street blocks). The Justice and Emergency Services Precinct – which will house courtrooms, fire, civil defence, police and St John – is now underway. Some others to start by the middle of the year are the Bus Interchange and the new Health Precinct adjoining Christchurch Hospital which will include a new outpatients department.

As you will know, those road works around our infrastructure repair are everywhere and the rate of progress is significant. To date, 64 per cent of the freshwater pipes have been repaired and 50 per cent of new stormwater pipes laid, while road repairs take a little longer given they depend on what's happening underground.

The tempo around the repair and rebuilding of your homes also has to pick up and I meet regularly with insurers to push that point. I understand that your lives are on hold, in many cases, while you wait for your homes to get back to normal. Please be assured that my team here at CERA work hard on the issues that can get in the way of progress. Also remember the Residential Advisory Service can help you address the challenges you face with this process. 🌱



**Future
Christchurch**
Greater Canterbury
futurechristchurch.co.nz



Have you seen this fun, vibrant billboard on your drive through the city?

Not only has this playful billboard (and the other two in this campaign) caught the attention and captured the imagination of greater Christchurch residents, but it has sparked a real excitement around the central city rebuild – it is happening!

Keep an eye out for more outdoor media over the coming months, featuring central city rebuild projects ... and be sure to smile to yourself because our future Christchurch is underway!

For more information about the central city rebuild and earthquake recovery projects, go to: www.futurechristchurch.co.nz



Update on Metro Sports Facility

The Metro Sports Facility anchor project will be located on the corner of St Asaph and Antigua streets, near the South Frame.

As well as giving the central city a social and sporting heartbeat, this leading-edge asset will be easily accessible for the whole of the Canterbury region.

The Facility will cater for the recreational, educational and high-performance sporting needs of the greater Christchurch community.

Facts and figures

- Business case advisors and design and engineer consultants have been appointed. The business case and the design brief are being developed.
- The first draft of the business case is to be completed this month.
- The Crown has purchased 86 per cent of the total land area required for the project.
- The whole project is due for completion in the second quarter of 2017.

Roadshow takes the Canterbury rebuild message to the country

There has been an enthusiastic response to a series of roadshows held over recent weeks aimed at taking the rebuild message to stakeholders.

With greater Christchurch entering a significant period of construction and infrastructure development, nine events were held from Dunedin to Auckland to provide updates on the progress of the rebuild. The events were hosted by the Christchurch Central Development Unit, the Ministry of Business, Innovation and Employment and in association with local chambers of commerce.

Among those attending were representatives of the construction industry such as designers, architects, quantity surveyors and construction companies. Others present were investors, developers and business owners interested in finding out more about key timelines and opportunities in the rebuild. In all, more than 500 people attended the roadshows, with many keen to find out how they can get involved in what's happening in Canterbury.

Canterbury children brainstorming for the recovery

A series of workshops are being held to encourage the winners of last year's BNZ Amazing Place competitions to keep innovating for the central city rebuild. The competition attracted entries from 7,000 pre-school to high school aged children from around Canterbury.

Getting children's feedback on detailed design concepts for the Margaret Mahy Family Playground will be the focus of a series of workshops to be held this month. CERA is bringing together the designers of the playground and the teams who attended the first of the BNZ Amazing Place workshops last year. This will be an opportunity for the designers to 'road test' some of their plans and for children to see how their ideas have inspired the actual design for the Playground.

In mid February, three winning teams from the BNZ Amazing Place project competition met with the Christchurch City Council's Performing Arts Precinct project team.

The three teams were The Core from Burnside High School (Year 11), Flower Power from Christchurch South Intermediate School (Year 8), and LKL Construction (Year 7) also from Christchurch South Intermediate School. Feedback from Christchurch City Council was very positive, and the project team was impressed by the innovative ideas and obvious amount of work and thought that had gone into the designs. Members of The Core had continued working on their design after the competition and had more to offer at the workshop.





East Frame central park.

Calls for interest in residential developments in the Frame

The vision of high-quality residential developments in central Christchurch has moved closer to reality with the calls made for Expressions of Interest in the East and North frames.

In submitting an Expression of Interest (EOI), private parties register their interest in working with the Crown to develop a new residential community in the central city.

What will the proposed new community look like?

The new community will have:

- around 750 medium density homes
- a mix of four- to six-storey mews, townhouses and apartments
- around 13 Super-Lots (defined residential areas), each supporting about 50–80 new homes.

Where will it be?

The residential developments will be built in locations throughout the East and North frames. Together they have a gross land area of 14.6 hectares, of which just under half will be offered up for development.

The area spans from north of Ōtākaro/the Avon River at Cambridge Terrace to Lichfield Street and is flanked by Manchester and Madras streets. (See master plan on right.)

The Crown will build a 50-metre-wide central park, as well as the Margaret Mahy Family Playground and streetscape.



Margaret Mahy Family Playground.

It will also create the serviced Super-Lots to help developers build each stage of the new community.

What kind of development is required?

Certain requirements will guide the development of the new residential community, for example no buildings will be taller than 21 metres.

Along with the new homes, there will be activities that support residential living, such as cafés, crèches, community facilities and corner shops.

What timeframes are involved?

- EOIs close 21 March 2014. The bid process will select one or more development partners. From there, the Crown will enter into an agreement that will establish the standard of design, the timetable for construction and the commercial arrangements for the developers funding the work.
- The residential developments will be built in stages over the next 5 to 10 years.

Minister for Canterbury Earthquake Recovery Gerry Brownlee says the aim is to bring a large number of people into the central city to live there, while the city itself is being redeveloped.

“These new homes will be built around a contemporary urban parkland with spaces for community gardens, rain gardens to clean the stormwater and the exciting development that is the Margaret Mahy Family Playground.”

Mr Brownlee says developing a new central neighbourhood in this way is a bold move.

“But I firmly believe it will become one of the most sought-after and enjoyed areas of the city.”

“These new homes will be built around a contemporary urban parkland with spaces for community gardens, rain gardens to clean the stormwater and the exciting development that is the Margaret Mahy Family Playground.”



Indicative master plan of East and North Frame residential communities.

- 1 Margaret Mahy Family Playground
- 2 The central park
- 3 New apartments and townhouses
- 4 A diversity of living options

Land purchase progress

Over 60% of the properties required for the central city anchor projects have been acquired to date.

That represents 64% of the land area required for the anchor projects.

Source: CERA (February 2014)



An overview of the Land Use Recovery Plan – what is it and how will it affect me?

The Land Use Recovery Plan, also known as the LURP, will help speed up the recovery and rebuild of communities in greater Christchurch by putting in place land use policies and rules that make it easier and quicker to rebuild.



HOW WAS THE LURP DEVELOPED?

In November 2012 the Minister for Canterbury Earthquake Recovery directed Environment Canterbury to prepare a draft Land Use Recovery Plan.

Environment Canterbury, Christchurch City Council, Selwyn District Council, Waimakariri District Council and Te Rūnanga o Ngāi Tahu worked together with the New Zealand Transport Agency and the Canterbury Earthquake Recovery Authority to develop a document for consultation. Workshops and public forums were held in late 2012, and April-May 2013, to consult on its development.

After receiving the draft Land Use Recovery Plan, the Minister for Canterbury Earthquake Recovery invited feedback from the public and stakeholders in July 2013. The 149 written comments received were taken into consideration in deciding on the final content on the Land Use Recovery Plan.

The Land Use Recovery Plan was approved by the Minister, and gazetted on 6 December 2013.

The Canterbury earthquakes resulted in a short-term loss of between 10,000 and 20,000 houses across Christchurch and neighbouring towns. A relatively high proportion of these were affordable housing, including social housing and rental accommodation.

The land use planning tools that were in place before the earthquakes simply weren't suitable for dealing with the loss of this many houses, so the Land Use Recovery Plan was developed. It provides for the development of an anticipated 40,000 residential sections across greater Christchurch by 2028 and the delivery of 8,000 to 10,000 new houses in Christchurch city within the next five years. Not only does the Land Use Recovery Plan address short- and medium-term housing and business needs, it also puts in place policies that will ensure long-term residential growth that is well-designed, people-focused and sustainable.

While the Land Use Recovery Plan helps to remove barriers and create opportunities to make more residential accommodation available, it won't be at the expense of the overall character of the residential areas. The Land Use Recovery Plan makes changes to the Canterbury Regional Policy Statement, City and District Plans and it gives very clear direction on where and how new developments can occur. Existing development standards (building height, recession planes, setbacks and other design criteria) still apply.

Since its release late last year, some of the Land Use Recovery Plan measures have already taken effect. Other measures require councils to develop the details further

through plan change or review processes. There will be opportunities for public consultation and submissions and more information about this will be made available by the relevant local authority.

A full review of the Land Use Recovery Plan will be carried out in April 2015, or sooner if the Minister for Canterbury Earthquake Recovery decides it's necessary. The review will assess whether the Land Use Recovery Plan is achieving what it is meant to, or whether it needs some tweaking. How the Land Use Recovery Plan is being used will also be monitored and annual reports of monitoring results will be publicly available.

AREA COVERED BY THE LURP

The Land Use Recovery Plan will help achieve the vision of the *Recovery Strategy for Greater Christchurch: Mahere Haumanutanga o Waitaha*. The Recovery Plan focuses on metropolitan greater Christchurch (except the central city area covered by the Christchurch Central Recovery Plan) and towns stretching from Lincoln, Prebbleton, and Rolleston in the south to Kaiapoi, Rangiora and Woodend/Pegasus in the north. It does not cover the future use of land in the areas known as the residential red zone.



WHAT ARE 'GREENFIELD' SITES AND HOW COULD THEY HELP GREATER CHRISTCHURCH'S HOUSING NEEDS?

Within the existing City Plan and District Plans there are 'greenfield' areas which haven't previously been developed. Typically this sort of land is on the outskirts of Christchurch and its satellite towns. The Land Use Recovery Plan identifies specific 'greenfield priority areas' which have been prioritised for new residential and business development.

To make sure that these areas are developed responsibly and sustainably, an 'Outline Development Plan' needs to be prepared before the land can be subdivided. This provides information on things like the location of

roads and other infrastructure, the number of houses allowed, the management and treatment of storm water, how options for walking, cycling and access to public transport will be provided and what land will be set aside for parks and community facilities.

Some greenfield priority land, such as Highsted and Highfield in north Christchurch, has already been zoned for development. For other areas, the timeframe for development will depend on completing Outline Development Plans, site investigations or District and City Plan changes.



AVOIDING URBAN SPRAWL

While greenfield development can meet much of the need for land, if it's not managed carefully it could also lead to urban sprawl and inefficiencies in transport and other infrastructure. So another way that the Land Use Recovery Plan is helping to address urgent housing needs is by changing rules in the Christchurch City Plan to make more residential accommodation available quickly within existing urban areas. By 2028 the Land Use Recovery Plan aims to provide for more than 20,000 additional households within existing urban areas.

The Land Use Recovery Plan introduces a variety of opportunities to encourage development. For example, an existing house in the Living 1, Living 2 or Living H zone can now be converted into two units as long as certain requirements are met. There are minimum area requirements for the new units and for outdoor living space. Parking space also needs to be considered and the site cannot be within the tsunami inundation area or the Riccarton Wastewater Interceptor Catchment which has no capacity for additional wastewater until improvements are made in 2019.

There is also a new, short-term rule change which lets people build two residential units on a site which was vacant before the earthquakes, or where the dwelling has been or will be demolished because of earthquake damage. So what does this mean in practice? Let's say you live in Living 1 zone and earthquake damage means you've had to demolish your house. You can now build two, smaller houses on your land, provided each section is bigger than the minimum size allowed for one residential unit. Again, minimum area, outdoor living and parking space requirements apply.

You still need to comply with all the existing development standards, such as building height and recession planes, and your development will need to be in keeping with the overall character of your area. This provision only applies until 31 December 2018 and is specifically for Living 1 or Living 2 zones which are not located in the tsunami inundation area, the Riccarton Wastewater Interceptor Catchment or the Special Amenity Areas shown in the City Plan.

REVITALISING TOWN AND SUBURBAN CENTRES

The Land Use Recovery Plan identifies 15 'key activity centres' across greater Christchurch – suburbs or towns which will provide a focus for business activity while also supporting the needs of the local community. These centres are the Christchurch central city, the town centres in Rolleston, Lincoln, Rangiora, Kaiapoi and Woodend, and suburban centres at New Brighton, Linwood, Shirley, Belfast, Papanui, Riccarton, Spreydon, Halswell and Hornby. All the key activity centres are located around existing hubs, except for Halswell where a new centre will be developed.

To be successful, these centres need to balance the needs of residents and businesses. They need to have enough activity to attract people. However, congestion or the wrong mix of activities can make them inefficient for businesses and unattractive for communities, so it's really important to get the balance right.

The Land Use Recovery Plan provides councils with some guidelines on what size and shape these centres should be, and how they should be provided for in district plans.

COMMUNITY AND SOCIAL HOUSING

The Land Use Recovery Plan also addresses the need for more community and social housing. There are new rules in the Christchurch City Plan which mean areas of community housing can now be redeveloped to make better use of the land and provide a wider range of housing types to suit different kinds of households.

The sites eligible for community housing development need to be between 1,500m² and 10,000m² in areas that already contain a cluster of community and social housing.

Christchurch City Council will also be working with Housing New Zealand Corporation, Te Rūnanga o Ngāi Tahu and other housing providers to develop master plans for the redevelopment of each area.

MEDIUM DENSITY HOUSING

Another way the Land Use Recovery Plan is helping to address urgent housing needs is by including new rules in the Christchurch City Plan which allow larger sites in the existing Living 2 and Living 3 zones to be developed for well-designed medium density housing, such as townhouses or terrace houses.

Medium density housing is housing that can accommodate as much as one dwelling per 150m² of land, which is twice the usual density in the Living 2 zone. This kind of development can only take place where it will not affect the appeal of the surrounding area and where the neighbourhood has the facilities and infrastructure to support it, without putting pressure on the existing community.

You can view the Land Use Recovery Plan on the CERA website: www.cera.govt.nz For more information about the Land Use Recovery Plan and its development opportunities, please contact Christchurch City Council on **03 341 8999**, Selwyn District Council on **03 347 2800** and Waimakariri District Council on **03 311 8900**.



SCIRT progress statistics

as at 24 February 2014

Completed

338	projects totalling \$315.7 million
258km	wastewater pipe laid; 39% of damage repaired
44km	fresh water pipe laid; 64% of damage repaired
13km	storm water pipe laid; 50% of damage repaired
303,887	square metres road pavement laid; 24% of damage repaired
2,505	work notices distributed to 646,515 addresses
1,098	pressure wastewater tanks installed
138	e-newsletters about SCIRT work distributed
79	school visits

In pipeline

78	projects totalling \$337.1 million being estimated
116	projects totalling \$415.4 million being designed
114	projects totalling \$562.2 million under construction

The total value of the work within the rebuild programme is \$1.6 billion.



Phone: (03) 941 8999
Email: info@scirt.co.nz
Web: www.strongerchristchurch.govt.nz
Twitter: @SCIRT_info

CANTERBURY RESIDENTIAL INSURANCE UPDATE

Progress report from Vero Insurance

Vero has paid out \$3.22 billion and settled (or is in the process of reinstating) 75 per cent of residential and commercial claims.

Vero has paid over \$660 million on commercial claims in 2013 and is 80% complete on its commercial programme. We expect to close out our commercial reinstatement programme in the second half of 2014.

Last year Vero paid over \$230 million on residential claims, with an average of \$5 million per week.

We have resolved 60% of our over-cap properties through either a contract to reinstate (repair or rebuild) or cash settle. We expect to resolve the remaining 40 per cent by December 2014. Construction activity will continue into 2015 for those customers who choose to reinstate with Vero.

EQC-excluded repairs are 95 per cent resolved and most of the remaining claims will be resolved by the middle of 2014.

Vero has invested additional resources to manage multi-unit properties and we expect the resolution and reinstatement of these properties to increase in 2014. We continue to work with the EQC to help finalise their assessment and apportionment of multi-unit properties.

Vero has been the lead insurer in some of New Zealand's largest claims, settling with Housing New Zealand (\$320 million); Lyttelton Port Company (\$445 million) and Ministry of Education (\$200 million).

For more information, go to: www.vero.co.nz



UPDATE FROM INSURANCE COUNCIL OF NEW ZEALAND

Over \$10 billion of Canterbury earthquake claims paid out by insurers

Insurers have now settled over \$10 billion of claims in Canterbury, but see 2014 as the biggest year for the Christchurch earthquake recovery, says the Insurance Council of New Zealand (ICNZ).

"2013 was a big year for settling residential and commercial claims. Insurers settled \$1.56 billion of residential claims at an average of over \$4 million a day. Canterbury builders are reporting that over 6,000 residential properties were built in 2013, much of that would have been from insurance monies released through cash settlements and builders are forecasting that will increase to 7,000 this year," says ICNZ spokesman Samson Samasoni.

Building consent applications for 2014 are projected to surge significantly, possibly tripling the consents of last year.

"At the end of 2013, insurers had fully settled and completed 47,000 or 54 per cent of all residential earthquake-related claims, including 38,000 of 65,000 Out of Scope claims," says Mr Samasoni.

An Out of Scope claim is property damage not covered by the Earthquake Commission, including pathways, driveways and swimming pools.

Of the 22,000 confirmed over-cap dwelling claims, 86 per cent or about 16,900 either are completely settled (9,100) or are in the design/rebuild or repair stage (7,800).

"At the end of 2013, insurers had fully settled and completed 47,000 or 54 per cent of all residential earthquake-related claims, including 38,000 of 65,000 Out of Scope claims," says Mr Samasoni.

Maintaining momentum will require the combined efforts of local and central government agencies as well as the private sector as the recovery is not all about insurers. The Insurance Council is pleased that there is general understanding of the issues and recognition of what is needed.

About \$7 billion was paid out in commercial claims by the end of 2013 including some of the largest pay-outs in New Zealand's history.

"We estimate that about three-quarters of all commercial claims are now settled. This is an impressive achievement especially given the complexity of large claims with many parties involved here and offshore," says Mr Samasoni.

For more information, go to www.icnz.org.nz

Ground improvement pilot programme underway

The past three years have seen much progress on reconstruction throughout the Canterbury region.

By the end of this year, EQC intends to have completed the largest claims management and settlement exercise undertaken by a single insurer in the world. This includes the settlement of Canterbury land claims.

One of the features of the Canterbury earthquakes was the significant damage caused by liquefaction. As part of its research function, EQC has been investigating methods to strengthen land that is vulnerable to liquefaction.

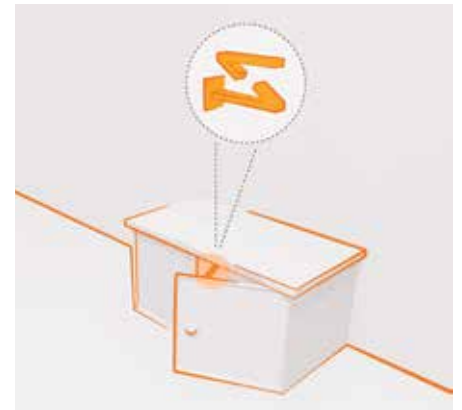
In 2013, EQC facilitated a series of trials in the residential red zone in Christchurch as a technical test of the methods. The next phase of the research includes EQC working with private insurers and a small number of TC3 residents on a pilot programme to repair individual land in TC3 areas.

This is to test the methods in a range of 'real-world' situations to understand the practicality and cost-effectiveness of the methods to strengthen land, and how they may achieve better outcomes for home owners.

The first stage of the pilot programme is being run on a number of adjoining properties on Fuller Street in Kaiapoi, with later stages to take place at different properties throughout greater Christchurch.

As well as supporting the rebuilding effort in Canterbury, the results of this rigorous applied research will be used to inform the settlement of land claims where residential properties have experienced an increased risk of liquefaction as a result of the Canterbury earthquakes.

For more information, go to: www.eqc.govt.nz



Quake-safe your home: Fix. Fasten. Don't Forget.

EQC
EARTHQUAKE COMMISSION
Kōwhiriāna Kōwhiriāna

Phone: 0800 DAMAGE
(0800 326 243)
Web: www.eqc.govt.nz

Getting transport planners onto same page city-wide



Traffic planners, including SCIRT staff, spent an afternoon on the central city's roads recently with members of cycling advocacy group SPOKES and other groups who want to make the city safe for everyday cyclists, alongside the road cones and trenches.

One of the more exasperated questions SCIRT gets asked regularly, is this:

"Is anyone actually planning this?"

A Christchurch tweeter asked SCIRT this recently after travelling along Dyers Road, the ring route from Lyttelton, past the South Brighton bridge with its weight limits and ongoing work then realised Bexley Road/Anzac Drive was being resurfaced and drivers were detoured. There is a lot happening in a small area.

So is anyone planning this work?

Yes. Traffic planners from the Christchurch Transport Operations Centre*, who have to sign off on temporary traffic management plans, have been working with SCIRT, utility companies, demolition companies, building owners and developers since the rebuild started. This is especially necessary for the next 18 months in the central city. SCIRT is aiming to have its work there completed by mid 2015. The challenge is keeping the rebuild on track and the transport system working.

Web-based tool gets everyone on the same page

In recent months, a new web-based tool has enabled the traffic planners to better predict when nearby traffic routes will be significantly slowed due to a concentration

of construction sites. This means that in some circumstances, some projects might need to be sequenced differently to ensure the city keeps functioning without undue delays.

The new web-based tool is overseen by Land Information New Zealand (LINZ). It allows any party or agency to display their whole programme of work within a single online map. The viewer has a simple time-slider that then displays all of the work which is occurring at the same time on any given date. This has two huge benefits for the rebuild:

- It allows the people who plan work (developers, architects, designers) to coordinate to ensure they don't get in the way of each other, saving time and money.
- Equally importantly, the Christchurch Transport Operations Centre* traffic planners can see the work that is about to start so they can optimise the network or at the very least let road users know what steps to take to avoid getting stuck in traffic. Some of that daily planning can be seen on this web link which CTV is running several times a day: www.transportforchristchurch.govt.nz/daily-riding-updates as well as on print advertising and the web information traffic planners are daily updating.

Developers and others planning activities in the central city can request access to this web tool via the Christchurch Central Development Unit (info@ccdu.govt.nz) or Rebuild Central (rebuildcentral@ccc.govt.nz).

LINZ is working towards also releasing this information to the public by mid 2014.

*The Christchurch Transport Operations Centre is a partnership between the Christchurch City Council, the NZ Transport Agency and Environment Canterbury to monitor and manage the roading network, both local roads and state highways, to improve traffic flows, by reducing congestion and delays on all routes, but in particular key commuter, public transport and freight routes.

SCIRT
Rebuilding Infrastructure

Phone: (03) 941 8999
Email: info@scirt.co.nz
Web: www.strongerchristchurch.govt.nz
Twitter: @SCIRT_info



Are insurers providing new insurance policies in Canterbury?

For answers to your questions about the Canterbury residential rebuild and repair process visit www.intheknow.org.nz

Answers to your questions about the rebuild and repair process in greater Christchurch

In the Know aims to make it faster and easier for Canterbury residents to get information about the residential rebuild and repair process.

All the questions on the website have been put forward by community members and groups, for agencies working on the residential rebuild and repair process to answer. Questions and answers are updated regularly.

The initiative is supported by CERA and developed in collaboration with a range of community leaders and representatives including:

- Brian Parker and Leanne Curtis, CanCERN
- Bob Henderson, Community worker
- Chris Greengrass, Waimakariri
- Nicki Goss, Manager – Earthquake Coordination Service
- Carmel Jaggar, TC3 Group
- Linda Rutland, Port Hills
- Helen Gatonyi, Tenants Protection Association

A big part of In the Know is recovery agencies working together to provide answers to residents' questions. Agencies include insurers, government and local government agencies and banks.

Anyone can submit a question about the rebuild and repair process in Canterbury. However, individual residents with questions may find it useful to approach their local community leaders first or talk with neighbours and friends to ensure the question is relevant to a group of people, rather than an individual, and is phrased clearly so you get the information you are after.

A community leader could be any person who establishes and maintains relationships with a broad range of people to understand earthquake-related community issues – for example, a street coordinator, a Scout or Guide leader, a coach...

In the Know asks everyone in greater Christchurch to be part of this process and ensure the questions being raised and heard in local communities are being submitted.

For more information, go to: www.intheknow.org.nz



Our changing environment

– the risks and challenges of living with natural hazards

Join us for a close look at the issues and risks around natural hazards in Christchurch. Planning now for the long-term and building resilient communities is critical to meeting the challenges of our changing environment.

Topics include flooding, sea level rise, liquefaction and land instability in the Port Hills.

Come and hear directly from experts in their field or drop-in anytime to talk about the issues we are facing.

Free community forum

When: Saturday 15 March, 9.30am–4.30pm

Where: Salvation Army Hall, 250 Colombo Street, Sydenham

For a list of topics and speakers, please visit: www.ccc.govt.nz/naturalhazards

For more information phone: 941 8999 or 0800 800 169

Email: naturalhazards@ccc.govt.nz

Christchurch City Council

Phone: 03 941 8999
Web: www.ccc.govt.nz
Email: info@ccc.govt.nz

Positive approach to community support in New Brighton

The Christchurch suburb of New Brighton faces its challenges in the wake of the earthquakes like many others in the east – but a number of organisations are stepping up for the community.

Among them is Positive Directions Trust (PDT), a non-profit charitable trust. PDT's primary focus is to assist in the development of communities, in particular Māori, Pasifika and the disadvantaged. It runs a range of programmes and services in health, education, employment and other areas.

General Manager Phil Tikao says that, since the earthquakes, "We have noticed a lot more need in the community. The environment has changed and some people have come out on the wrong side of that change – they're the ones we're trying to help."

Immediately after the earthquakes, Phil's team stepped in with emergency repairs at affected homes in the area. These days they still help out with lawns and yard work for the elderly or others who are struggling to make ends meet.

The Trust also provides earthquake and general support for families through its Kaitoko Whānau and Whānau Ora services.

Kaitoko Whānau support worker, Adele Tikao says the strength of the Kaitoko service is the face-to-face aspect of working with people who are under real stress, grappling with complex issues such as accommodation/housing, financial pressure and insurance matters.

PDT is also behind an innovative programme, subsidised by Work and Income, in which small teams of 'caretaker/ambassadors' are located in and around New Brighton Mall on weekdays. They keep an eye on the Mall and help out in a range of ways in the community.

"The programme gives these guys a chance to give something back and has achieved some very positive spin-offs for the community including, we understand, a drop in crime. Among other things, they recently



Ambassadors: Marcel Hesse (left) and Frank Faatili say they enjoy getting a chance to do something for the community.

helped set up a community art exhibition and repainted a local building."

Mr Tikao says most people in the local community seem to support the initiative. He believes the programme is giving the men involved a positive direction to move in and is hopeful funding will be continued.

"I think we can make a difference but it takes a whole community to do that. There are so many cool things happening in New Brighton and so many people doing good stuff, I would just like to see people be bold and have some vision about what is possible," says Mr Tikao. 🔄

The support Positive Directions Trust offers is separate to the Earthquake Support Coordination Service, although it may refer residents on to other support services such as Earthquake Support Coordination Service or the Residential Advisory Service.

To find out more about the **Earthquake Support Coordination Service**, call **0800 777 846**.

To find out about the **Residential Advisory Service**, call **0800 777 299** or go to: www.advisory.org.nz



Knowing your
Neighbour
is a piece of cake
29th-30th March

Cantabrians know better than most what it's like to rely on our neighbours in an emergency situation. In the three years since greater Christchurch was changed forever, knowing your neighbour has taken on a new meaning for many people, because of what we've been through in our communities.

Over the last weekend in March 2014, The Neighbourhood Project is encouraging people to take up the chance to get to know their neighbours a little better: over the fence, over the rugby or over a cuppa.

Whether your neighbour is young or old, is new to the neighbourhood or has been there for years, The Neighbourhood Project thinks that knowing your neighbour should be a piece of cake.

How can you get involved on 29 and 30 March?

- Grab a postcard (or use the cut out on the reverse of this page) to help you learn your neighbours' names. Postcards will be freely available in libraries, cafes and public places in the weeks leading up to Piece of Cake weekend
- Pop next door or across the road to say hi and maybe take a piece of cake with you...
- Upload pictures of your cake, slice, barbecue or backyard cricket match to The **Neighbourhood Project** Facebook page.
- Look out for the video on Facebook showing why knowing your neighbour is a piece of cake and share it with your friends.
- Share a recipe with The Neighbourhood Project online or with your neighbour.
- Share your video of how good neighbours make great neighbourhoods.

The Neighbourhood Project is about fostering better connected communities and encouraging 'neighbourliness' by offering easy to access ways to connect in your neighbourhood.

To find out more, look up The **Neighbourhood Project** on Facebook: www.facebook.com/theneighbourhoodproject

Follow us on Twitter and tweet us back! [#pieceofcakechch](https://twitter.com/pieceofcakechch) [#theneighbourhoodproject](https://twitter.com/theneighbourhoodproject)

Revitalising Rangiora through private–public sector collaboration

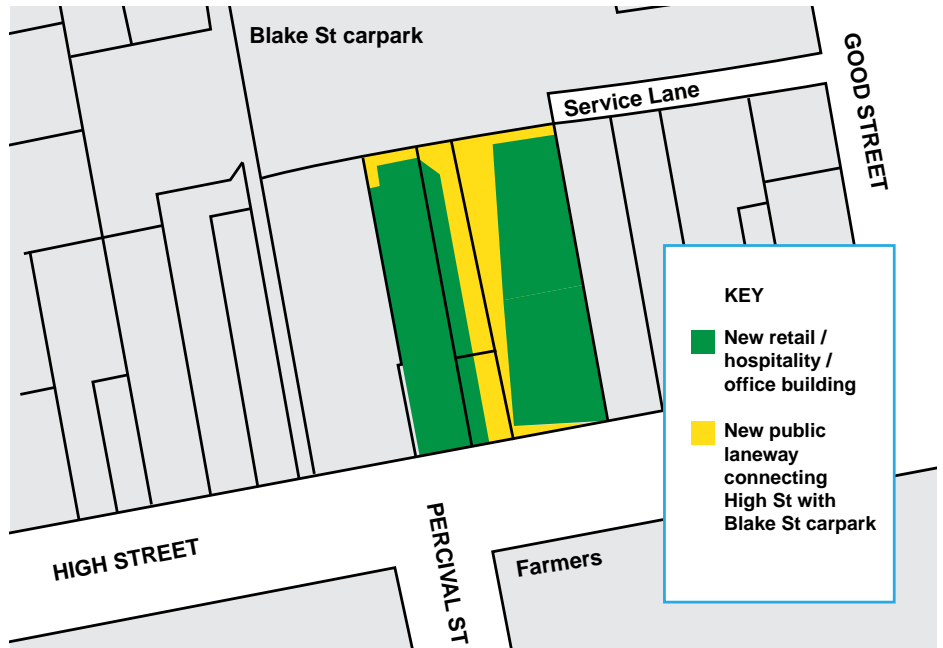
Waimakariri District Council is finding new ways of working to facilitate recovery in the district.

A Heads of Agreement has recently been signed by the Council and two owners of properties at the heart of Rangiora's town centre in the area known as 'North of High'. The vision of this private and public sector collaboration is to redevelop key sites that will provide new retail, hospitality and office spaces, along with a new central public space and laneway from High Street to the Council-owned, off-street car park at Blake Street.

"This agreement is another great step forward in revitalising the Rangiora town centre, following the recent news of Farmers' intended return and the progressive strengthening of other shops," says Mayor David Ayers. "We've been fortunate to build very good working relationships with the property owners involved and look forward to continuing working together to rebuild this part of High Street."

The next stage for this development is to delve into technical assessments necessary to progress work, including site surveying, geotechnical investigations, boundary adjustments and resource consent. The parties will also all be working together with an architect to draft a common concept for the whole proposal, to ensure that developments occur in a complementary style.

The demolition of the Farmers building is expected to start within the next couple of months. A new two-storey building that includes Farmers, specialist shops and office space is planned for the site. ♻️



Rangiora town centre: vision for 'North of High' (above). The 'North of High' space as it looks now (right).



WAIMAKARIRI DISTRICT COUNCIL

Phone: (03) 311 8900
Web: waimakariri.govt.nz

knowing your neighbour is a piece of cake

Keep this postcard in a handy place and learn the names of all your neighbours

Name: _____
PH: _____
Address: _____

Name: _____
PH: _____
Address: _____

Name: _____
PH: _____
Address: _____

Name: _____
PH: _____
Address: _____

Name: _____
PH: _____
Address: _____

Name: _____
PH: _____
Address: _____

Facebook: facebook.com/theneighbourhoodproject
Twitter: @pieceofcakech
Instagram: #theneighbourhoodproject