

TRADE LEADER


JUNE - JULY 2021 ISSUE

Important times for
apprenticeships

Build a plan to
keep your business
moving forward

Suicide programme
seeks support

How to reduce
building waste



Economics - Is a
housing oversupply
on its way?



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In the frame

BY MIKE GUY, CARTERS CHIEF EXECUTIVE

Just as this issue of Trade Leader was going to press, the government announced that MIQ spaces would be allocated to skilled and critical workers to "support our economic recovery."

COVID-19 Response Minister Chris Hipkins and Agriculture Minister Damien O'Connor released the news, stating that 500 spaces per fortnight would be set aside for workers who bring targeted skills sets to the country, including seasonal workers and those in the construction sector, as well as international students and refugees.

Up to 300 specialised construction workers will be able to enter the country between June and October under the scheme, including civil and structural engineers, project managers and a range of specialist technical workers.

This is huge recognition of the strain the industry has been under since the impacts of COVID-19 really started to take hold and will go a long way to easing the pressure being felt right across the construction sector.

"This is great news for the construction sector and will help us deliver on our strong pipeline of critical infrastructure work that will accelerate our recovery. It gives certainty for planning projects with specialist workers from overseas, maintains construction jobs for Kiwis and will bring new knowledge to New Zealand for employers and employees," Mr Hipkins says.

"The Construction Sector Accord has consulted widely and it will continue to work with industry to prioritise the specific types of skills it needs."

It's fantastic to see Government acknowledging the positive impact this industry has had on the country's economic recovery in the face of such huge challenges and I look forward to seeing further good news coming out of Wellington in the coming months.

In other news in this issue, we look closely at a couple of challenges facing both workers and businesses in the

construction and building business; the sobering issue of suicide and the need for more apprentices.

The Mates In Construction programme has had a hugely positive effect in terms of opening up discussion and providing support to those in the industry having mental health challenges. It's an inspirational and highly effective service provided by wonderful people but requires additional resourcing to continue operating. Read more about the challenges they're facing on page 12.

The need for new blood in the sector also continues to test those right across the sector.

Apprentices are required in almost every part of the industry and, for many years, we've supported the recognition of our young workers by sponsoring the Registered Master Builders CARTERS Apprentice of the Year competition. To find out more about this, and other news regarding apprentices, check out this issue's article starting on page 32.

Finally, we continue our Industry Comment series of articles from representatives of industry groups right across the sector. In this issue, the article has been penned by Russell Turner, the CEO of Construction Information Ltd.

It has been interesting to see the wide and varied views coming back from across the industry, and Russell's article is interesting and provoking. Read more on page 16.



MIKE GUY
CARTERS Chief Executive

TRADE LEADER.

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Features



17 Is a housing oversupply on its way?

ECONOMICS

With COVID-19 restricting the number of migrants coming into New Zealand, will we expect to see a temporary oversupply of housing? Rodney Dickens takes a look.

14 Suicide programme seeks support

HEALTH & SAFETY

MATES in Construction has helped thousands in the construction industry with their mental health. Now the programme needs support to ensure it can develop further.



Articles

08 CODEWORDS

WHAT AN LBP SUSPENSION COULD MEAN FOR YOU

If your LBP licence is suspended, it could be disastrous for you or your business. Find out more about the types of suspensions and what they could mean for you.

10 THE BEGINNING OF THE LBP SCHEME

When did the Licensed Building Practitioner scheme start? And why was it implemented? MBIE's Bruce Duggan looks all the way back to when the story began...

13 AWARDS

COMMERCIAL PROJECT AWARDS & HOUSE OF THE YEAR 2021

Christchurch school awarded CPA Supreme Award. HOY 2021 Entries closed, judging underway, look out for winners at the regional and national events (dates listed).

18 INDUSTRY COMMENT

DRIVERS FOR CHANGE IN CONSTRUCTION INDUSTRY

What are the key drivers for meaningful change in the construction industry? Russell Turner gives his views about why and where investment is needed.

20 HEALTH & SAFETY

STAYING SAFE AROUND TRAILERS

While a trailer may be incredibly useful in your business, they also have a unique set of safety challenges that you need to be aware of.

23 LEGAL

NEW CARTEL CONDUCT REGULATIONS

Cartel conduct is illegal, and it's harmful to consumers. But what is it, and how can it affect you and your business?

24 SUSTAINABILITY

HOW TO REDUCE BUILDING WASTE

Waste from the construction and demolition industries may account for half of all waste generated in NZ. What can you do to help reduce its environmental impact?

30 BUSINESS

BUILD A PLAN TO KEEP YOUR BUSINESS MOVING FORWARD

Business owners in construction and related trades are naturally busy people. But is 'being busy' an effective way of moving your business forward?

34 APPRENTICESHIPS

IMPORTANT TIMES FOR APPRENTICESHIPS

With the construction industry rolling along at full speed, apprentices have a key role to play when it comes to ensuring its future is staffed with knowledgeable, motivated people.

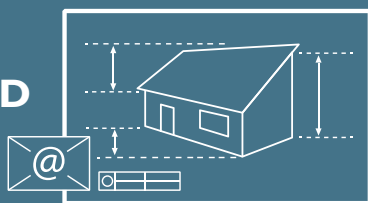
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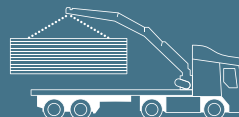
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Rating: 8 Homestar built rating
Location: Palmerston North, Manawātū
Completion: 2019
Size: 150 sq/m
Architect: 242am Architects
Client: Roger Clark (Clark Residence)
Photographer: Andy Spain

Homestar v5 looms on the horizon

The New Zealand Green Building Council (NZGBC) recently provided an update regarding the transition from version 4 of Homestar to Homestar v5.

Homestar is designed to be an independent rating tool for assessing the health, efficiency, and sustainability of homes across Aotearoa.

Since launching Homestar in 2010, NZGBC has continued to work with experts and organisations across industry and government to ensure it supports New Zealanders in the design, construction and liveability of resilient homes for the long term.

HOMESTAR IS A HOLISTIC TOOL TO RATE A HOME'S PERFORMANCE AND ENVIRONMENTAL IMPACT. A 10 HOMESTAR RATING RECOGNISES WORLD LEADING STANDARDS FOR DESIGN, CONSTRUCTION AND EFFICIENCY IN OPERATION. A 6 HOMESTAR RATING RECOGNISES A HOME THAT HAS BEEN BUILT AT OR ABOVE THE CURRENT STANDARDS SET BY THE NEW ZEALAND BUILDING CODE, DEPENDENT ON LOCATION ACROSS AOTEAROA.

Launch of Homestar v5

The NZGBC has been working alongside the Homestar Steering Group and Expert Reference Panel to develop the latest version of Homestar. The ideas received from the Homestar community during the first consultation helped the organisation develop the Draft Homestar v5 Technical Manual. The second consultation round closed recently, that feedback will be incorporated into the final v5 Technical Manual.

Homestar v5 was made available on 19 April 2021. While the Technical Manual was released on this date, this is a

launch for pilot projects only. If you wish to pilot v5 on one of your projects, please email the NZGBC. If your project is selected for the pilot, you will be issued with the scorecards, calculators, and other resources you need to complete your assessment.

Homestar v5 will be finalised and released to the public following this pilot phase in August 2021.

Phase out of Homestar v4

Homestar registration will continue to be accepted under v4 until 30 September 2021. Projects registered up until this date may certify under either v4 or v5. All projects registered from 1 October 2021 must certify under v5.

If you chose to certify under v4, your project must either:

- achieve a Built Rating within 24 months of registration, or
- achieve a Design Rating within 12 months of registration, and then a Built Rating within 24 months of the Design Rating as per the Homestar Terms and Conditions.



For more information, visit the NZGBC website at www.nzgbc.org.nz or email info@nzgbc.org.nz





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Suspensions – it is your choice

BY VANESSA MOENIU, INVESTIGATOR, OCCUPATIONAL LICENSING, MBIE

There are several types of licensed building practitioner (LBP) licensing suspension – voluntary, relicensing, or disciplinary. Voluntary suspensions are by choice, but relicensing or disciplinary suspension happens as a result of your actions as an LBP.

All suspensions appear on your public register page; the reason for the suspension is described, including for disciplinary or relicensing reasons. Clients might steer away from you if you have a disciplinary or relicensing suspension history, so maintaining your current licence status can be very important to your reputation and future business.

Voluntary suspension

You may choose to have your licence (or a class of licence) suspended for up to two years by completing the 'Voluntary suspension of licence form'. You can end your voluntary suspension at any time by completing the 'Ending voluntary suspension of licence form'. You need to continue to maintain your skills while on a voluntary suspension.

These two forms can be found on the LBP website:
www.lbp.govt.nz/for-lbps/your-licence/suspend-or-cancel-your-licence/

Voluntary suspensions are shown on the public register but are described as 'at the request of the practitioner', to separate them from suspensions placed on your licence by the Registrar or Building Practitioners Board.

Relicensing Suspension

Every year, the Registrar will make contact with you about a month prior to your licence ID card expiring to ensure that you wish to remain licensed.

You can renew your licence online, or contact the LBP licensing team. Your licence will be suspended if you do not

respond, if you do not pay your yearly licensing fee or do not complete your skills maintenance (required every 2 years).

It is important to make contact with the LBP team and renew your licence (which can be done online) because if your licence is suspended you will be considered 'non-licensed'. When you are 'non-licensed' you are not able to carry out Restricted Building Work (RBW) unless you're supervised by a LBP. You also can't supervise RBW or tell people that you are an LBP.

Your suspension is required by law to be shown on the public register for 3 years. You cannot request to have your suspension history removed. A suspension can impact on your ability to get jobs as consumers check the public register regularly.

Disciplinary Suspension

The Building Practitioners Board can suspend an LBP's licence if an LBP commits a disciplinary offence under section 317 of the Building Act 2004.

A disciplinary suspension means you are 'non-licensed' and not able to carry out RBW unless you are supervised by a LBP. If your licence is suspended by the board, you can't supervise RBW and you can't tell people you are an LBP. Your suspension will also be shown on the public register for 3 years and may impact on your ability to get work.

Building system reform: Proposals for regulations

The Ministry of Business, Innovation and Employment (MBIE) is consulting on proposals for regulations to support the Building (Building Products and Methods, Modular Components and Other Matters) Amendment Bill.

The building system reform work programme aims to lift performance of the regulatory system and drive better outcomes for the sector and for New Zealanders.

A high performing building and construction industry are crucial to New Zealand's economy and vital for delivering safe, healthy and durable buildings for everyone.

MBIE is now consulting on proposals for regulations to support the implementation of the Building (Building Products and Methods, Modular Components and Other Matters) Amendment Bill.

They're making proposals for regulations that will create:

- 1 New product information requirements to make sure basic information about building products and how to use them is available to users.
- 2 A new voluntary modular component manufacturer scheme to make consenting more efficient for some manufacturers of homes and modular building components that are built off-site.
- 3 A strengthened CodeMark scheme to build confidence in the scheme and to provide confidence that innovative building products and methods do comply with the Building Code.

This is a summary of the proposed changes only. Please refer to the discussion document for more detailed information.



If you have any questions please contact building@mbie.govt.nz

CODEWORDS QUIZ

- 1 **How long can you voluntarily suspend on your licence (or class of licence) for?**
 - A. Up to 6 months
 - B. Up to 2 years
 - C. As long as a piece of string
- 2 **When can you uplift your voluntary suspension on your licence (or class of licence)?**
 - A. When the suspension period you selected has ended
 - B. 2 years after your voluntary suspension started
 - C. Anytime, but you can only voluntarily suspend your licence for 2 years
- 3 **If your licence is suspended because you did not complete relicensing, what are you able to do?**
 - A. Only carry out RBW under the supervision of an LBP
 - B. Supervise RBW as long as you're not the person carrying it out
 - C. Tell people that you're an LBP
- 4 **How long will a suspension stay on your public register profile?**
 - A. Until you request to have it removed
 - B. 3 years
 - C. 1 year

Answers: 1. b 2. c 3. a 4. b

The Licensed Building Practitioners Scheme



In this multi-part series, we're taking a look at the history Licensed Building Practitioner scheme with MBIE's Bruce Duggan.

In the beginning...

In the latter half of the 1990s, an alarming issue started to appear in recently built houses in New Zealand. Following investigations into an upper-level deck collapse (among other examples), it was found that we had a problem.

Building control in NZ

It should be remembered that it was only a few years earlier, the Building Act 1991 was passed into law. This new building control system introduced a performance-based method, changing the focus from how a building must be designed and constructed to how a building needs to perform in its intended use.

The purpose of the Building Act is to ensure that people can use a building without endangering their safety or health. A building also should be able to be used by people regardless of their health, physical independence and wellbeing, as well as hitting other measures such as people being able to escape in the event of fire. A building should also promote sustainable development throughout its lifecycle and, of course, all building work must comply with the Building Code.

In the hierarchy of building controls, the Building Act is the governing law, under which are the Building Regulations. The Building Code sits within Schedule 1 of the Building Regulations 1992, and it sets the minimum performance criteria to which all building work in NZ must comply. The intent was that when a building consent was required, a full set of drawings and specifications would be provided and, once approved, the building would be built to comply with those documents.

What happened next?

Back to the investigation into the deck collapse. In this instance, the cantilevered deck joists had not been installed to

prevent water ingress as per the Building Code requirements. The result of this was that rainwater was able to run along the top of the joists, past the cladding and into the interior of the house. Once inside the house, gravity took over and the moisture ran down the sides of the joists, onto the top plate, and into the wall framing.

The resulting damage

As we know, when moisture enters an area where there is little or no air movement, it will soak into a product such as timber and, eventually, cause that timber to rot. This is what happened to the deck – the joists rotted sufficiently to reduce the strength required to support the cantilever and when a group of people gathered on the deck, it collapsed.

A developing picture

Investigations into building failures were beginning to paint a bleak picture – our houses were allowing water to enter the primary structure from where it could not escape. It was found that we had water ingress problems through incorrectly flashed junctions and penetrations through walls.

Different causes were being uncovered almost, it seemed, on a daily basis – parapet flashings missing; head flashings being omitted where plaster cladding systems were used; top-mounted brackets on parapets; incorrect levels at entranceways; poorly designed, specified and built decks above habitable rooms; saddle flashings missing; substitution of specified products or systems; and the list goes on.

A major building failure was beginning to appear...

See the next issue for the continuation of this series.

Report highlights importance of Asian sector

A report by industry group, Construction Marketing Services (CMS), has highlighted the importance of the Asian construction sector in New Zealand.

The 2020/2021 Asian Construction Sector report covers the size of this market and the growth this sector has seen over the past five years.

At the last census, right across the industry, professionals of Asian descent have increased. The report notes these statistics do not include the number of Asian developers who are currently driving much of the medium density construction activity across the country.

In 2013, there were 17,361 architects, designers, builders, electricians, and other industry professionals of Asian descent. In the intervening five years, that number has grown by a staggering 160% to 44,928, marked most significantly by the increase in those working in building and construction (from 9,194 to 31,305).

It is estimated that Chinese developers have planned almost \$11 billion of construction projects in New Zealand in the next eight years, with \$2.1 billion of Chinese-led projects already underway. In the upper North Island alone, more than 30% of construction activity is reported to be driven by Asian-led construction companies and developers.

Asian-led projects that are planned or currently under construction, in Auckland include residential developments valued at over \$280 million, a \$15 million boutique hotel development in Epsom, and several large-scale commercial developments.



Read the full report at tinyurl.com/asiansectorreport

CODEWORDS QUIZ

1 When did the problem of water getting into buildings start to appear?

- A. Between 1967 and 1972
- B. 1992
- C. The latter half of the 1990s
- D. 2002

2 What caused the cantilevered deck to collapse?

- A. The undersized joists could not support the deck
- B. The deck was overloaded
- C. The balustrade collapsed

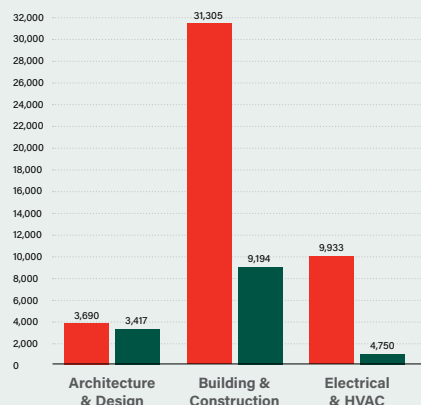
3 (3) How was water found to be getting into the structural framing in our houses?

- A. Flashings being omitted
- B. Incorrectly detailed and installed flashings
- C. Incorrect levels at entranceways
- D. Substitution of specified products or systems
- E. All of the above

Answers: 1. c 2. d 3. e

Asian construction sector employment

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Commercial Project Awards



Since 2013, the Commercial Project Awards, owned and run by Registered Master Builders have celebrated the teams who bring the best quality commercial builds around the country to life. The 2021 awards took place in Auckland on 21st May and for the second year in a row, a Christchurch school has been awarded the Supreme Award.

Te Raekura Redcliffs School, constructed by Naylor Love Canterbury and their project partners, took out the coveted top award along with the Construction Marketing Services Education Category Award and the Commercial Project over \$15m Value Award. "This project responds to the many challenges of the site, including residential neighbours, difficult ground conditions, proximity to the shoreline and archaeological significance", comments this year's judges.

REGISTERED MASTER BUILDERS CHIEF EXECUTIVE DAVID KELLY SAYS "THE PROJECTS CELEBRATED TONIGHT ARE MORE THAN JUST BUILDINGS - THEY ARE THE PLACES WHERE WE LIVE OUR LIVES. WE WANT TO ACKNOWLEDGE THE SKILL AND COMMITMENT OF THE PROJECT TEAMS, FROM THE BUILDING OWNERS, ARCHITECTS, DESIGNERS, ENGINEERS, QUANTITY SURVEYORS THROUGH TO THE CONTRACTORS THEMSELVES."

CARTERS would like to give our congratulations to all of the winners in particular the Te Ao Nui building in Palmerston North who took home the CARTERS Commercial Project Award. This four-star NABERSNZ sustainability rating building sets a new standard of quality for the commercial space with materials and colour schemes drawn from the local environment with touches of brightness to provide unique character.



To see the full results and projects, visit www.commercialprojectawards.co.nz

House of the Year 2021

The Registered Master Builders House of the Year awards celebrate the very best in residential building.

Entries have now closed and judging is underway by a team of experts who visit each home at least once. The first part of the competition is at a regional level where they are awarded a range of quality marks and the Regional Supreme Winners (for both new builds and renovations) will be announced at events around the country from July onwards.

From those entries, up to 100 properties will reach Top 100 status and go through to a second round for the national competition where the National Supreme winners and House of the Year will be announced.

CARTERS believe in partnership and as a proud sponsor of House of the Year, we wish all participants the best of luck.



For more information about the competition, head to www.carters.co.nz/house-of-the-year



KEY DATES

Regional Awards Gala Events 2021

Bay of Plenty & Central Plateau Region:
Tauranga 9 Jul

Nelson / Marlborough / West Coast Region:
Nelson 16 Jul

Taranaki Region: New Plymouth 16 Jul

Waikato Region: Hamilton 23 Jul

Southern Region: Invercargill 24 Jul

Wellington & Wairarapa Region:
Lower Hutt 30 Jul

Canterbury Region: Christchurch 30 Jul

Manawatu & Whanganui Region:
Palmerston North 6 Aug

Mid & South Canterbury Region:
Ashburton 7 Aug

Auckland / Northland / Coromandel Region:
Auckland 14 Aug

East Coast & Hawke's Bay Region:
Hastings 20 Aug

National Gala Event 2021

Auckland Saturday 20 Nov



**SUICIDE PREVENTION PROGRAMME
MATES IN CONSTRUCTION HAS BEEN
RUNNING FOR ABOUT 18 MONTHS
AND HAS GENERATED A POSITIVE
RESPONSE FROM ACROSS THE
INDUSTRY.**

Resourcing needed for suicide prevention programme

MATES has supported thousands in the construction industry. In New Zealand, construction workers have the highest number of suicides across all industries and are six times more likely to die from suicide than an accident at work and 52% of those have no history of mental illness.

Despite construction having the highest rate of suicide for any industry in Aotearoa, there are encouraging signs that the Mates In Construction programme is already having a positive impact.



Although the government acknowledge there is a problem, the organisation says there seems to be a disconnect between the differing agencies as to who should help our industry workers and provide some funding to ensure we are here for the future.

"MATES in Construction has been operating on worksites in New Zealand for over a year trying to help workers who are struggling with mental health.

"Their field officers visit sites and try to understand the challenges workers are facing, and help them on a peer-to-peer basis says Mates in Construction CEO Victoria McArthur

She says while they're encouraged by employers and workers engaging openly in discussions about mental health, change isn't happening fast enough to save lives.

The Construction Sector Accord (the Accord) has partnered with MATES in Construction NZ (MATES) to help prevent suicide in the construction sector by supporting them to get their programme out to more people.

The Accord has provided a post-Covid response fund to MATES to help grow the number of field officers and case managers on the ground and enable mental health and suicide prevention programmes to be delivered to sites across the country.

It is vital to have the whole programme embedded into sites, as this builds the capacity of the workers to lead and support one another. MATES then supports the sites through touchpoints such as signposting, checking in with Field Officers, Case Management support and a continued programme of training.

The Accord's partnership with MATES is part of its Health and Safety workstream, delivered through the three-year Construction Sector Accord Transformation Plan.

"WE KNOW THERE IS A REAL ISSUE IN THE INDUSTRY, WE'RE FORTUNATE THAT THE ACCORD HAS RECOGNISED THE EFFECTIVENESS OF THE MATES PROGRAMME AND THE NEED FOR IT TO BE DELIVERED MORE WIDELY," SAYS VICTORIA MCARTHUR, MATES CHIEF EXECUTIVE.

Victoria says the demand for services from MATES is overwhelming for what they can currently supply, and more funding for their programmes is crucial and welcomed.

MATES with assistance from BRANZ has commissioned Otago University to undertake a study to gain more precise research on the issue. The study will look to understand the true prevalence of suicide in the construction industry by occupation and demographics, and then develop appropriate interventions. Findings for the research will be released on June 17th.

In its inaugural year, MATES had the additional challenge of working in a Covid environment – meaning it needed to quickly pivot and provide much-needed mental health support during and following, the impacts of Covid-19.

"An example of this was The Lunch Room, a virtual chat room for people working in the construction sector wanting to talk about their concerns," says Victoria.

"This service was in high demand throughout lockdown and demand for our services has continued to increase, as awareness about MATES and its prevention programme has grown. The programme is free to all industry workers and includes a helpline service and Case Managers that navigate those struggling into help."

Roger McRae, Accord Steering Group member and Chair at Construction Health and Safety NZ (CHASNZ), says there are encouraging signs that the programme is already working in New Zealand – even though it has only been active since late 2019.

"The MATES programme has clearly resonated with the industry and so far 82 organisations have partnered with MATES to ensure all workers across the industry have access to the programme," says Roger.

"The programme is being rolled out to 176 sites across New Zealand and 9,892 workers have been inducted into the General Awareness Training. MATES has accredited two sites, which means that the site has reached the point where it has built the capacity of its team to be able to support each other.

"The partnership between the Accord and MATES is crucial to keep our workers safe, stay connected and enable people in our sector to know where to reach out when help is needed," says Roger.



For more information, visit www.mates.net.nz

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A HIGH NET INFLOW OF PEOPLE FROM OVERSEAS SINCE 2014 HAS PLAYED A MAJOR PART IN THE SUSTAINED RESIDENTIAL BUILDING BOOM.
IS THE LEVEL OF BUILDING IS NOW RUNNING SUFFICIENTLY ABOVE POPULATION GROWTH GOING TO RESULT IN A TEMPORARY OVERSUPPLY OF HOUSING?

Is a temporary oversupply of housing about to develop?

BY RODNEY DICKENS

The national annual number of consents for new dwellings has reached a new peak of almost 40,000 as shown by the black line in the chart. It is a similar story in much of New Zealand.

Super low interest rates are playing a major part in boosting the level of building, although the boost from the COVID-19 driven fall in mortgage interest rates will end by around mid-2021. It normally takes around 12 months for changes in mortgage interest rates to impact on the number of consents for new dwellings, and the fall in mortgage rates largely ended in mid-2020 although rates fell a little in the second half of 2020.

As covered in the last article, the more global economic growth recovers from COVID-19, the more (and earlier) there will be a market-led increase in interest rates. Wholesale interest rates have already increased this year and there is a hint of this flowing through to term deposit rates and mortgage rates. Rising mortgage interest rates this year could pose a mild to moderate threat to the level of residential building next year.

However, before then, what has traditionally been the second major driver of new housing demand poses a potential threat. Following the international border being largely closed to migrants, from March 2020 the net inflow of people from overseas has tumbled as shown by the red line in the chart. Net migration measures the number of foreign residents coming to NZ on a permanent or long-term basis less the number of NZ residents leaving on a permanent or long-term basis.

The red line in the chart has been advanced or shifted to the right by 12 months reflecting roughly how long it takes for changes in net migration to impact on new dwelling consents. The fit in the chart is not perfect because particularly interest rates also have a major impact on consents, but a high net inflow of people from overseas since 2014 has played a major part in the sustained residential building boom.

This raises the question of whether the level of building is now running sufficiently above population growth to result in a temporary oversupply of housing. Low interest rates will

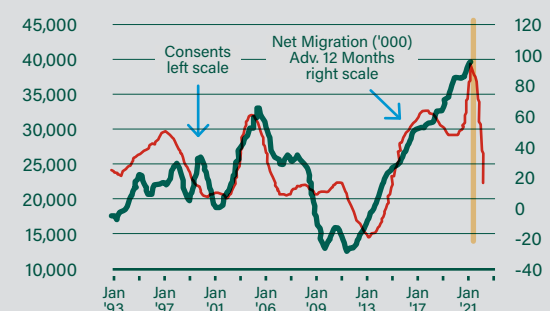
help sustain a high level of building for much of this year, but the question is who will move into the dwellings currently occupied by the people new dwellings are being built for?

This would not be an issue if net migration were high; the net inflow of people would soak up the vacated dwellings. However, it is likely to be some time before the border is open significantly to migrants and building is likely to run well above the level justified by population growth this year. It is possible a surplus of dwellings will develop and act as a drag on the level of building next year.

It is hard to quantify the impact this will have but it should not be overlooked given the dramatic impact COVID-19 has had on population growth. You can do a bit of DIY research in your market by checking on who is moving into the houses of the people you are building for. If nothing else, it will be a talking point.

New Dwellings Consents & Net Migration

Rolling 12 Months Totals





NZ's construction industry - Drivers for change and having a meaningful impact

When I joined Masterspec as the CEO over a year ago, one of the attractions for me was the potential to have an impact in one of the most significant sectors in the New Zealand economy.

BY RUSSELL TURNER,
CHIEF EXECUTIVE OFFICER AT
CONSTRUCTION INFORMATION LIMITED

"...the challenge is not to find opportunities but in prioritising where we can apply our skills to have the most positive impact"

We are investing in building our capability and capacity to deliver new products and services to the market for existing customers and new segments – but arguably everyone says that, and the construction industry is so large and fragmented it could be useful to share some of our thinking as to why investment is needed and where you would put it.

In a fragmented industry there are a lot of drivers for change but some of the key ones we see are;

Risk transfer/ownership

The market is not a closed loop - there is little focus on lessons learned driving questionable behaviours across the industry and causing the need for government to seek reform. Managing risk motivates industry stakeholders to demand better information and transparency to actively manage through the building lifecycle.

Climate change

Mitigation and adaptation. Low carbon sustainable materials and construction processes will be demanded to respond to new legal obligations. This will require authoritative supporting data in the design and specification stages. The status quo of not worrying about the sustainable nature of the built environment will erode.

Design, construction and assurance methods

Increasingly this will be digital with pre-fabrication off-site. BIM is not mandated in NZ, but designers at scale are leveraging BIM to optimise how they specify and manage builds. Interconnectivity of online specification systems and BIM tools will only strengthen.

With more widely available information, everyone is an expert. Authoritative sources need to stand out. Accessible information which is not always substantiated or certified are problematic. e.g. new products made popular by social media. The design and specification audience is sophisticated but still needs authoritative sources of the truth allowing customers to make good design choices.

CONSTRUCTION INFORMATION LIMITED (CIL), OPERATING AS MASTERSPEC, IS NEW ZEALAND'S MARKET LEADER IN SPECIFICATION SYSTEMS, RELATED INFORMATION AND SUPPORTING SOFTWARE TO THE NEW ZEALAND CONSTRUCTION INDUSTRY.

Analytics and data

This is becoming the driver of industry productivity. It has significant potential to increase insights and reduce risk about how to build better. Manufacturers are craving greater information to drive their marketing efforts to be a product of choice and remain specified rather than substituted.

Construction demand

NZ pipeline for construction is increasing. The quantum is increasing but also the type of risk. The rise of prefabrication and companies building at scale will change the composition of the traditional specifications and how they are assembled and actively used during a build.

Market supply

Specifiers have a growing multitude of products and system options in which to make Safety in Design decisions about. Supporting good decision making with intelligent knowledge systems, will collectively lift the quality of decisions and support climate change obligations, through low carbon choices of products and systems.

For Masterspec, the challenge is not to find opportunities but in prioritising where we can apply our skills to have the most positive impact. All of these drivers have some commonality in using digital services to improve information flows, productivity and reduce risk. Integration of authoritative data, not islands of data, become more important than ever. Using data to close the loop across the construction value chain provides a positive feedback process that can drive continuous improvement.

We have embarked on a significant investment in people and tools to play our part in responding to the challenges the construction industry faces in New Zealand and we are encouraging our stakeholders to share their thoughts and requests with us. Although the industry is fragmented, small steps in the right direction recognising these drivers is our best route to having a meaningful impact.



To share your thoughts contact
gen@masterspec.co.nz

Staying safe around trailers

Forget about a hammer, a circular saw or a chisel; a trailer is possibly one of the most versatile tools you can have in the machinery arsenal for your construction business.

Whether you're hauling equipment from one site to another, transporting building products or bulk materials, or disposing of waste materials for recycling, a trailer quickly pays for itself through increased efficiency, practicality and versatility.

However, there are a number of safety factors that need to be taken into account when using a trailer and at a Trade Breakfast and Learning Workshop run by Registered Master Builders at CARTERS Blenheim recently, both the theory and practicality of using a trailer were covered. A presentation from local Police also added to the event, which attracted about 100 participants.

Feedback from the event suggested it was well-received, with an important message sinking in for everyone – including staff – who took part, especially when real-life events were reflected on by the Police.

Waka Kotahi NZ Transport Agency says there are several factors that come into play to create a safe towing situation. Towing changes how your vehicle handles on the road and the heavy load means your vehicle will take longer to speed up and slow down.

"Before you head away, check the trailer's towing connections for any signs of wear and cracks," Neil Adams, Senior Manager Safer Vehicles, says.

"If you have any doubts or want to be sure about the safety of your trailer, please take it to a professional for a check-up.

"Firstly check the Warrant of Fitness and registration are current. Take careful note that the tyres are inflated correctly, have sufficient tread and are in good condition."

Connecting the trailer to the towing vehicle involves several steps and these are outlined in the bullet points to the right.

Please load your trailer correctly and use the appropriate restraints. Be careful not to exceed the loading limits for your trailer and towing vehicle. Refer to your vehicle's manufacturer specifications as these limits vary between vehicles.

"A good rule of thumb is 10 percent of the weight of the trailer and its load should be transferred through the tow ball onto your towing vehicle for safety and stability," Neil Adams says.

"When you're on the road, please remember the top legal speed when towing a trailer is 90 km/h (in a 100 km/h zone).

"You'll need more space between you and other vehicles, so you have more time to stop when you need to. Use the four-second rule to ensure safe following distances."

For more information on safe towing, check out these websites:
www.nzta.govt.nz/resources/glovebox-guide-safe-loading-towing
www.drive.govt.nz/get-your-restricted/skills/bonus-skills/towing-a-trailer/

- ✓ Check connections
- ✓ Current WOF
- ✓ Tyres in good condition
- ✓ Load correctly
- ✓ Reduced speed limit of 90km/h
- ✓ Allow greater following distance

Construction Skills Action Plan delivering early on targets

The Construction Skills Action Plan has delivered early on its overall target of supporting an additional 4,000 people into construction-related education and employment, says Minister for Building and Construction Poto Williams.

Since the Plan was launched in 2018, more than 9,300 people have taken up education or employment opportunities in the construction sector through cross-government initiatives.

"This is an important milestone and a positive step towards meeting New Zealand's current and future construction needs," says Poto Williams.

"Our priority is addressing New Zealand's current skills shortage so that we have the capability and capacity to meet increasing demand. By surpassing our overall target to get an extra 4,000 people into the sector, we are confident we are well on the way to creating the conditions for a high-performing construction sector in Aotearoa New Zealand."

The Construction Skills Action Plan, managed by the Ministry of Business, Innovation and Employment (MBIE), addresses issues around size and skills of the workforce to ensure the construction industry is well placed to deliver the buildings that New Zealand needs now and in the future.

The Plan is a three-year programme of initiatives led by the Ministry of Social Development, Tertiary Education Commission and MBIE.

"I'm also pleased to report that three of the initiatives have met their three-year targets early – Mana in Mahi has achieved more than 2,200 placements in the construction sector, Skills for Industry has supported more than 1,600 participants, and Growing Careers and Credentials has supported more than 5,200 enrolments," says Poto Williams.

"I'm proud of what this Plan has achieved so far – we are reaching into our communities to give people the support they need to build their own futures in construction."

Further initiatives to grow the capacity and capability of the workforce are being supported through the Construction Sector Accord's people development workstream via the Accord Transformation Plan. The workstream is focused on attracting a more diverse range of people into construction opportunities, growing the size of the workforce and supporting the upskilling of people and businesses in construction.

Connecting your trailer

- Make sure you lock the trailer onto the vehicle's tow bar and make sure the coupling on the trailer has a manufacturer's rating appropriate for the gross laden weight of the trailer and is compatible with the tow ball size.
- There are two sizes of tow balls in use – the older 1-7/8 inch diameter ball and the newer 50mm diameter tow ball. The trailer coupling must match the tow ball, or you can put your towing load, your passengers and other road users at risk.
- Make sure both the tow ball and coupling are in good condition, correctly adjusted to avoid excessive play or movement when attached, and securely attach to the tow bar and trailer drawbar respectively before embarking on your journey.
- Once you have connected the trailer to the appropriately sized tow ball, attach the safety chain correctly and hook up the electrical connection properly. Once the electrical connection is hooked up, check the lights are working properly and are in good condition before you take the trailer on the road.



The CONZTRACT trade shows are back this August-November 2021, bringing the construction industry together for valuable discussions, to showcase new product solutions and attend LBP workshops that will count towards your skill maintenance requirements.

The CARTERS CONZSTRUCTION ZONE will be on site with our key building suppliers to share their knowledge with you and your team. Plus there are great prizes to be won.

ROUND 4

Wellington
Palmerston North
New Plymouth

Tues 3 Aug
Wed 4 Aug
Thurs 5 Aug

ROUND 5

Auckland North
Tauranga
Rotorua
Taupo

Mon 18 Oct
Tues 19 Oct
Wed 20 Oct
Thurs 21 Oct

ROUND 6

Christchurch
Greymouth
Nelson
Blenheim

Mon 15 Nov
Tues 16 Nov
Wed 17 Nov
Thurs 18 Nov

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The lines were out and the fish were biting as over 200 anglers hit the water at the Whangarei CARTERS Catch Comp in March.

Over \$30,000 worth of prizes were handed out with Mike Dines from Legacy Construction winning the Mystery Length Snapper (46cm) taking home an electric Reel and Rod and Splash Drone.

It wasn't just about the fish, there were spot prizes and the new Apprentice Games with 30 apprentices trying their hand at driving a nail the deepest into a post with a single blow.

The competitiveness continued into the evening at the quickfire auction with Brett Yakas from Jennian Homes Northland winning the bid at \$600, which was donated to the local Coast Guard.

Marked as an outstanding success, a big shout out goes to all those who participated, including the sponsors, as well as Takahiwai Marae, who were on hand filleting the day's catches and helped pass on the frames to the local community.



Jail time for cartel conduct



ANDREW SKINNER
PARTNER Martelli McKegg

On 8th April 2021 new changes to the Commerce Act 1986 came into effect which provided that cartel conduct can now be punished with a term imprisonment of up to 7 years. This change brings New Zealand into line with other overseas jurisdictions and reinforces to those in the construction industry that they need to take compliance with this area of the law very seriously.

Types of cartel conduct

Cartel conduct basically refers to illegal cooperation between competitors. The conduct harms consumers because it lessens competition, resulting in consumers having less choice or paying higher prices than if the competitors operated independently. The three forms of prohibited cartel conduct outlined in the Commerce Act are:

- **Price fixing;**
- **Market allocating; and**
- **Restricting output.**

Taking each of these types of prohibited conduct in turn:

Price Fixing is where two or more businesses agree on the prices that they will each charge to customers to avoid having to compete with each other on price. One of the important points to understand with price fixing is that price fixing may extend beyond setting the specific price for the good or service and also includes competitors agreeing to fix a significant part of the price or to set a price according to an agreed formula.

Market Sharing occurs when competitors collude to carve up markets so as not to compete for the same customers. This could be in relation to the sale of a specific product, a geographic area or a particular type of customer.

Restricting Output is when two or more competitors agree to prevent, restrict or limit the goods or services they are buying or selling or the goods or services that would likely be bought and sold.

The financial penalties for cartel conduct were already significant. Individuals could be fined up to \$500,000 and companies up to \$10,000,000, three times the commercial gain or 10% of the company's turnover per year when the conduct was occurring (whichever is greater). Now, in addition, businesses and individuals can be liable for criminal conviction and individuals convicted of intentionally engaging in cartel conduct could face a term of imprisonment.

Some hypothetical examples of cartel conduct...

Bid rigging

A number of large construction companies have been requesting tenders for sub-trades. A group of sub-trades get together informally to discuss the tenders and to decide who will win the tender and the prices being submitted. This makes the tender process look legitimate but the bid rigging results in higher prices for the construction company and pre determined winners.

Market allocation

Two building companies specialising in renovations find that they are constantly competing against each other for work in an area. As there is plenty of work for both companies, the businesses decide to divide up the area geographically and not to price work in each other's area.

Practical tips for businesses

In light of the new law change, the building industry needs to pay particular regard to this area of compliance. Businesses also need to think clearly about who they are in competition with, especially if sub-contracting is involved. Building company owners need to make sure that they and their staff understand the prohibited conduct under the Commerce Act and receive proper training which is relevant to their business and easily understood.

Sustainable building and building waste

Sustainability in construction includes environmental, social and economic factors. A sustainable building meets social and cultural needs, ensures resources are equally available and causes no irreversible damage to the environment during its entire life cycle.

Reducing building material waste

Opportunities to reduce building material waste exist at all stages of construction and demolition projects. The key is first to minimise the amount of waste generated and then to ensure as much waste as possible is reused or recovered.

THE CONSTRUCTION AND DEMOLITION INDUSTRY IS ONE OF THE LARGEST WASTE-PRODUCING INDUSTRIES IN NEW ZEALAND. CONSTRUCTION AND DEMOLITION WASTE MAY REPRESENT UP TO 50% OF ALL WASTE GENERATED IN NEW ZEALAND, WITH 20% OF THE WASTE GOING TO LANDFILL AND 80% GOING TO CLEANFILL SITES.

Disposing of these materials to landfill means that, as well as not being recovered for further use, they are contributing to adverse environmental effects. These include harmful chemicals leaching into soil and waterways, plus methane emissions into the air, as the waste breaks down and rots.

Types and sources

Construction and demolition waste is made up of a wide variety of materials, including concrete, plasterboard, wood, steel, brick and glass.

The sources of this waste include off-cuts, packaging, surplus materials, formwork, protection materials, damaged materials and rework.

Reduce, reuse, recover

The good news is that much of this construction and demolition waste can be reduced, reused or recovered.

HOWEVER, DIVERTING WASTE FROM THE LANDFILL OR CLEANFILL REQUIRES CAREFUL PLANNING FOR EACH BUILDING PROJECT. RESEARCH SHOWS THAT PLANNING FOR WASTE REDUCTION AND REUSE DURING PROJECT PLANNING PHASES IS THE MOST SUCCESSFUL WAY TO ENSURE WASTE IS MINIMISED THROUGHOUT THE PROJECT.

Developing a waste management plan

A waste management plan is the written record of what must be done to achieve the goals you have set for managing construction waste. A new plan needs to be prepared for each job/site.

- ✓ Specify who is responsible for managing waste on site.
- ✓ Establish goals and objectives.
- ✓ Estimate the waste types and amounts involved.
- ✓ Set targets for reducing the amount of each waste sent to landfill.
- ✓ Describe recycling/reuse methods for each material.
- ✓ Identify the waste destinations and transport modes, including what materials are being segregated on site for reuse or recycling.
- ✓ Track progress.
- ✓ Describe special measures for material use and handling.
- ✓ Describe communication and training to support and encourage participation from everyone on site.
- ✓ If applicable, describe the sequencing and methods for deconstruction projects.
- ✓ Project review.

The waste management plan for each project will usually be the responsibility of the main contractor. It can also be used to provide clients with details of actual reuse/recycling and disposal of waste.

In most cases, subcontractors would operate to the main contractor's plan. Where subcontractors have sole responsibility for their waste, they should complete their own waste management plan.

Here's how to make a plan...

Assign responsibility

Designate one person to be responsible for managing waste on site. This will ensure that a waste management plan is followed. Whoever is in charge of waste minimisation needs to be enthusiastic about championing the project - reducing construction site waste is a team effort.

Establish goals and objectives

Set broad goals and objectives related to the following:

- Eliminate the generation of waste, as a priority.
- Recycle and reuse waste that is created on the job.
- Use construction methods that allow for deconstruction.
- Use products and materials that reduce waste.

Estimate waste amounts

Forecast the types and percentages of waste that will be produced. Start off with your usual waste percentages - if you have no basis for comparison, use the New Zealand construction industry averages given below.

Material	Estimated waste percentages
Fibre-cement board	7%
Timber	11%
Plasterboard	13%
Particleboard	9%
Concrete	5%
Fixings	4%
Roofing	6%

Set targets for reduction

Use the REBRI resource routing calculator (see link at end of article) to determine what materials will be recycled. Set a target for each waste type, for example, reduce waste by 20% by the project's end.

Describe recycling/reuse methods

- Identify the possibilities for reuse and recycling for each type of waste that is created and describe these - where, how and when to handle waste materials.
- Attach a site plan with key areas marked if possible.

Identify waste destinations

- Find out the available local recycled/recovered materials outlets and what opportunities there are for collection.
- Keep a current list of recycling operators in the site office for easy reference.
- List the specific recycling operator's details for each material.

Track progress

- Keep records of waste recycled/reused, waste removed and the related costs/savings.
- Use the REBRI waste transfer form (see link at end of article) to record details of waste sent off site.

Figure 1 is an example of a completed waste minimisation record, using the REBRI resource routing calculator to determine the most economic destination of waste.

Material use and handling

Use this section to identify any recycled and second-hand materials or materials with recycled content being used on the project. Also, identify any special handling or storage measures to protect reusable and recyclable materials from damage and to ensure materials are consistent with requirements for acceptance by designated facilities.

Communication and training

Explain what will be done to educate and inform all construction workers and subcontractors about the waste minimisation goals.

Encourage participation. Put the waste minimisation record up on the site noticeboard and update it regularly to let everyone know about progress, and set up an ideas board for waste-related suggestions.

Sequencing and methods for deconstruction

For a deconstruction project, describe the deconstruction sequencing and methodology to be followed and attach any relevant documentation.

Project review

At the end of the project, add your ideas about strengths, weaknesses and suggested actions. See Reviewing the process (link below) for more information.



For more information and to get started see:

REBRI Waste Management Plan
tinyurl.com/REBRI-plan

REBRI Resource Routing Calculator
tinyurl.com/REBRI-calculator

REBRI Waste Transfer Plan
tinyurl.com/REBRI-transferplan

REBRI Reviewing the Process
tinyurl.com/reviewingprocess

Figure 1. Track Progress example

Material	Normal % sent to landfill	Target % sent to landfill	On-site recycling method or reuse	Waste destination - contacts and information	Actual quantity recycled, reused, etc	Actual % sent to landfill	Actual cost or saving
Concrete	5	2	Hardfill, temporary paths, drainage	Concrete recycler - see Yellow Pages	140kg	3%	\$250

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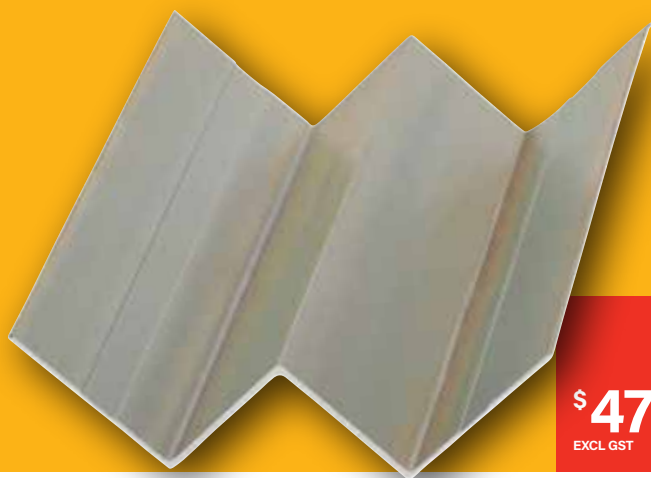
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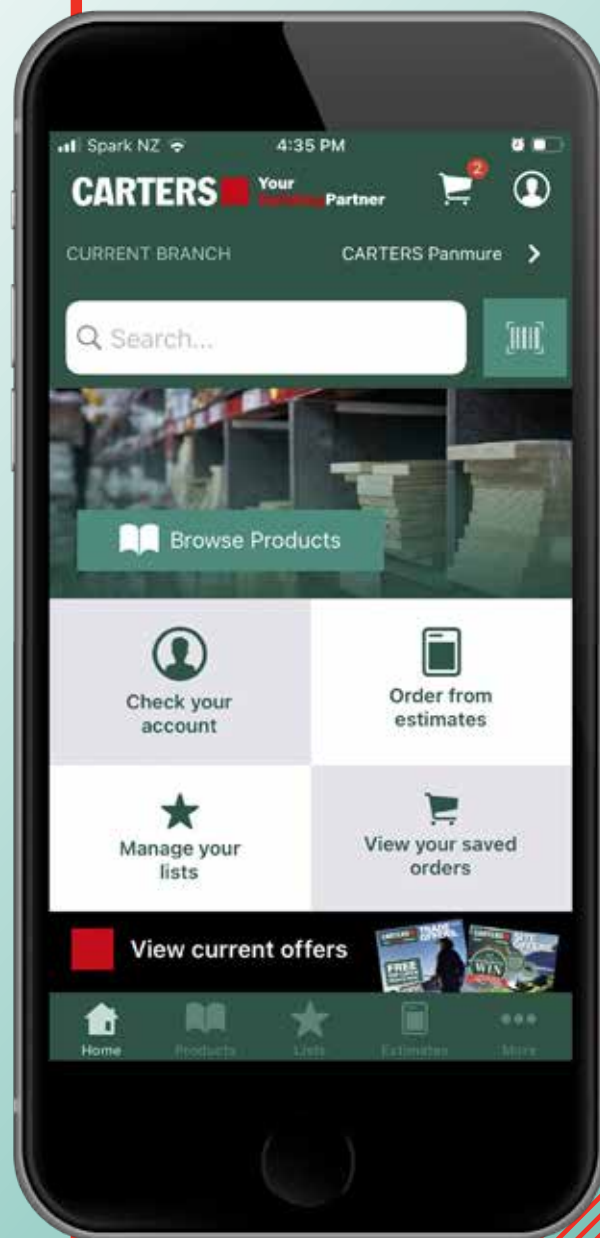
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Create your way to get ahead

BY DANIEL FITZPATRICK

To get ahead in 2021, you can't just go with the flow. Going with the flow will only get you so far. If you really want to get ahead - and build a business that will thrive long term - that requires another level of thinking. Here's why:

Problem 1

Tradies are "busy" but is it "good busy"?

We are seeing high demand right now which is better than scratching around for the next job but, being busy brings another set of problems.

Problems like more mistakes, your team getting burned out, staff leaving, too many re-dos on jobs, upset customers, or disappearing margins.

You might be working big hours, missing out on family time, feeling overwhelmed, and neglecting your health. If you are experiencing this kind of busy, that's not the good kind.

If the price of building a successful business is your family, then that price is far too high, and let's not forget that busy is only good if you can keep the extra profit.

Problem 2

Uncertainty is the new norm. Nothing is guaranteed.

If 2020 taught us anything, it's that we don't always know what's around the corner.

Sure, things are good here in NZ. But you're also probably noticing that prices are going up, it's harder to get some supplies. Job scheduling is one big headache you're never really free from. Not to mention Covid and lockdowns could pop up again anytime.

Predictability is hard to find these days. However, the more you can control and anticipate, the less exposed you'll be and the more opportunities will be available.

Here are some time-honoured principles that will help you keep your business moving forward and ahead of the competition regardless of what happens next.





1 Is there enough oil in the engine? Check oil regularly.

Inside the engine of your business, there are a lot of moving parts, and oil is what keeps all the parts running smoothly and not seizing up. Less friction, less stress, less harm.

Think of oil as the cash flowing through your day-to-day business. You need to have enough at all times. If you've ever been a little short to pay wages (and most tradies have at some point), you know how stressful it can be.

Problem is, when you're taking on more and more work, cash flow gets a little harder to control, with a lot more cash coming in and cash going out. The risk is you can easily run out of cash to keep operating. This is a huge reason why tradie businesses get into trouble.

Make time each week to check cash flow. Good cash flow makes it easier to handle surprises like clients not paying on time, unexpected cost blowouts on jobs, delays, and mistakes.

While things are good you should also be putting money aside every month in a separate account as a cash buffer.

This gives you options that others won't have, and the ability to move quickly to take advantage of opportunities to grow. Like buying more gear to meet demand and bringing on new team members and being able to pay them top rates.

2 Create the right team. Put supporting players in the game.

Have you checked out that doco on Netflix, "The Last Dance"? It shows the journey of Michael Jordan and the Bulls winning a stunning six NBA championships.

Michael Jordan is a superstar; one of the greatest of all time. But in the early years his team couldn't win a championship until they had the right supporting players, Scottie Pippen, Steve Kerr, Dennis Rodman, Toni Kukoc... One star can't do everything. You need the best team to win the game. With the right team you can handle the extra workload, maximise the opportunities, and deal with whatever pressure comes your way.

Staff are the backbone of your operations. You need them to be performing at their best, be reliable and accountable. So, is your team meeting their full potential? Do they have all the training and skills they need? Are they getting the right guidance and support from you?

How strong is your bench, do you have the right advisors to bring into the game when you need them? From the accountant to your debt collector... What about the coach? Do you have a Phil Jackson who can show you the winning plays, or are you trying to work it out on your own?

CONTINUED OVER...

You can't work fifteen hours a day and be okay. Life is too short.

3 Stay in control. Conduct temperature checks.

In this environment, staying in control is the key to a healthy business. The most effective way to do this is to take regular temperature checks.

It's like this; the doctor uses temperature as an indication that you're unwell. If you have a fever, it's a sign something needs further investigation.

In a tradie business, there are important indicators to check the temperature of the business. Like sales, gross margins, profit, cashbook balance (way more reliable than your bank balance), work booked ahead, etc, to name a few.

Keep checking your business to make sure it's in good shape and fighting fit to take advantage of the opportunities - not too sick and slow to move.

4 To have a better business, make a better you.

A business is always a reflection of the business owner(s). Their strengths and weaknesses, the way they think, good or bad, the business will magnify it.

So, the better you are, the better your business is.

Sometimes people need accountability to work on a few hot button issues that would relieve pressure and to become the best version of themselves as a business owner.

Great things to work on with your coach would be:

- Your mindset and accountability to keep your eye on the prize.
- Your leadership skills and how to keep your team strong and on the same page.
- Getting a better handle on managing your time.
- Learning how to say no instead of over-committing yourself.

Because you can't work fifteen hours a day and be okay. Life is too short.

Hard work is good. But when it gets out of balance, that's when you're going to struggle to show up like you need to. Burnout will send your business backwards, and you should have a plan to avoid it.

5 Watch the signs. Stay ahead. Stay flexible.

Tradies are some of the hardest working people around. This sometimes means they are so busy working that they miss the bigger picture.

Some signs are obvious like another lockdown. Others are more subtle like the market seems to be changing, clients are asking for different things.

If we're not paying attention, we'll miss the signs and get caught by surprise with things we didn't see coming.

As business owners, we can't afford to wing it. This is your livelihood, and you have a lot of people relying on you to do it well. So, be alert and watching for signs all the time. It won't mean you get it right every time, but it will help you stay in control so that you can make the strategic moves.

If you are busy and growing, it's even more important to find time for high-level thinking. Even 10 minutes a day can make a big difference. If the captain is in the engine room, instead of where he should be, steering the ship, the chances of crashing are higher.



If you need a mentor to show you how to avoid the rocks, then book a time and let's chat
www.nextleveltradie.co.nz/nextstep/



Daniel Fitzpatrick is a New Zealand based business coach and the creator of Next Level Tradie. Find him at:
nextleveltradie.co.nz

DANIEL FITZPATRICK
BUSINESS COACH



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Apprenticeships safeguard industry's future

Apprentices are the future of our industry. And, with construction at an all-time high – and showing no signs of slowing down – and huge restrictions on overseas workers coming into New Zealand, there has never been a more important time to commit to training an apprentice in one of the construction-related trades.

Currently, only around 10% of employers train an apprentice, so there are plenty of opportunities to lead the way when it comes to teaching the next generation the ways of the trades.

As an employer, the Government has made it easy and more appealing to take on an apprentice with the Apprenticeship Boost scheme,

BCITO says this is great news for our industry and provides reassurance for employers to keep existing apprentices and take on new ones, during a period of uncertainty, enabling the industry to work together to continue growing the skills pipeline, both in capacity and training.

What is Apprenticeship Boost?

Apprenticeship Boost is a payment available through the Ministry of Social Development (MSD) to support employers of apprentices in the first two years of their training. This is available for employers with existing and new apprentices.

Employers can receive up to 20 months of support with payments of \$1,000 per month in an apprentice's first year and \$500 per month in the apprentice's second year, up to a maximum of \$16,000 for each apprentice who is enrolled in a BCITO Level 4 qualification that contains 120 credits or more.

Example: For an apprentice 3 months into their apprenticeship the employer is entitled to \$1,000 per month for 9 months and \$500 per month for the next 11 months.

Apprenticeship Boost is available until August 2022.

There are a number of programmes in action too, that recognise apprentices for the work they are doing having already started their apprenticeships.

This includes the Registered Master Builders CARTERS Apprentice of the Year competition, which is run annually and is designed to "recognise excellence among carpentry apprentices and raise awareness of career opportunities in the building and construction industry.



Come along to the Apprentice of the Year regional events on Saturday 19 June to show your support at these locations:

CARTERS Glenfield
 CARTERS St. Lukes
 CARTERS East Tamaki
 CARTERS Hamilton
 CARTERS Tauranga
 CARTERS New Plymouth
 CARTERS Hastings
 CARTERS Palmerston North
 CARTERS Distribution - Seaview
 CARTERS Nelson
 CARTERS Madras Street
 CARTERS Dunedin
 CARTERS Invercargill (Off site)
 CARTERS Queenstown

CARTERS are serious about getting behind apprentices and helping build their career in the industry. That's why for the 17th year we're partnering with the Registered Master Builders CARTERS Apprentice of the Year competition to nurture top kiwi talent.

The competition aims to test your project management, business and presentation skills as well as practical skills.

Entries for the competition opened on 1st April and ran through until 29th April, with a solid number of entries received for the 2021 version of the event.

The regional practical challenge will be held around the country on 19th June at selected CARTERS branches followed by judging and interviews. Throughout August and September there will be the regional awards with the national final held in Auckland on 3rd and 4th November. This two day event comprises of interviews on the first day and the national practical building challenge on day two.

The National Practical is open to the public from 9am on the 4th November and this year will be co-located with BuildNZ. BuildNZ is the leading trade event for the Building, Construction, Design, and Architecture Industries.

The National Awards Gala dinner is held on the evening of Thursday 4th November and is a ticket only event.



WHERE ARE THEY NOW?

Have you entered Registered Master Builders CARTERS Apprentice of the Year before?

We are on the hunt for past entrants of the competition to find out where they are now. A carpentry apprenticeship can lead to a number of interesting and exciting careers and we want to share these stories to promote a career in the trades.

If you were once an entrant in the Apprentice of the Year competition, please get in touch at:



aoy@masterbuilder.org.nz



For more information, visit
www.apprenticeoftheyear.co.nz

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