



MetalBase
December 2018

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Cover:

Site tour of the Page Macrae Engineering facilities in Mt Maunganui following the hosting of the HERA Executive meeting for December.

Overleaf:

More shots from Page Macrae of our Executive Board touring around their facilities, as well as images taken of our IIW audits conducted this month.



NZHERA @NZHERA · Dec 12
Thanks to #PageMacrae for hosting us today for our last Exec Board meeting for 2018! It's been a year of celebration & transition for HERA & we'd like to thank our Board for making it all possible. Their support & contribution to our metals industry is valued & appreciated! 🙌



Connect to your industry, clients and stakeholders via social media!

It's a step in the right direction to market your capabilities, share major milestones and news and promote your projects. And the best part is, it's completely free!

We've been working hard to do just that - so, follow us today!



Reflecting on 2018 – a year that covered a lot of territory!



2018 has been a big year for HERA.

Firstly, we had a change of leadership from Wolfgang Scholz to myself – HERA's first ever female CEO!

We also had the retirement of our longest serving employee, [Peter Hayward](#).

At the same time, we recruited two new team members; [Musarrat Begum](#) as our new Information Services Officer and [Rob Ryan](#) as our new Senior Welding Engineer.

Our Research Engineer, Holger Heinzl, also gained his [IIW International Welding Engineer qualification](#) this year – expanding our technical capabilities available to our membership.

This year we also reached a major milestone – celebrating [40 years of HERA](#). As a team, we developed [HERA values](#) to cement our intentions and new direction, and lead our thinking on [how our industry could become more innovative](#), [deconstruct risk](#), [embrace exponential technology](#), and [support innovation research](#).

From an administrative perspective, we welcomed [Jennifer Hart](#) to our HERA Executive and ushered in a change with how we'll be selecting 2019's research focuses through our [panel projects process](#). This is a new initiative we're trialling to increase engagement across all of our membership, as well as be more transparent with the way our levy is utilised for the benefit of industry.

Driving quality and helping industry have the right skills for their needs

This year our welding team undertook the huge task of assessing what their value proposition for industry was. This enabled them to demonstrate a [return on investment of \\$24 for every dollar](#) of levy income they receive.

Through this funding we drove a number of key activities in 2018 to improve technical competence. This included the welding qualification standard

[ISO 9606.1:2012 being adopted as AS/NZS ISO 9606.1:2017](#), and facilitating the very popular "Design for joint strength, fatigue, and fracture resistance in welded connections" seminar series [presented by Professor Pingsha Dong](#). Our team also reached more than 140 industry professionals to share vital [welding standards updates](#) in a series of seminars held throughout Aotearoa.

These were all positive deliverables to help develop, meet and maintain high industry standards through quality and educational support.

Supporting our members to succeed locally & abroad

Our structural systems team continued to assist industry through their consultancy and FEA offerings. This year they supported our members Steel and Tube with the development of the [Comflor SR product](#).

We also played a pivotal research role in confirming the [strong performance of steel in the Kaikoura earthquake](#) to help New Zealand communities recognise that NZ fabricated steel products are the best and safest material choice for our seismic environment.

We also took steps to investigate how [light steel gauge framing for multi-storey buildings](#) can help solve the Auckland housing crisis in collaboration with NASH and BRANZ. For us, research like this is especially important, because it helps demonstrate how steel is a surprisingly cost-competitive choice. We see this proven in the LSF system, where it's pre-fabricated component units minimises on-site processes to reduce buildability costs.

Supporting and celebrating innovation for long term success

Innovation Development is charged with futureproofing our industry by creating long term sustainability. A key initiative towards this goal is the kick off of our [Innovation READY program](#), which included international guest speakers such as [Justin Wilcox](#). We also contributed a lot of thinking to assist with [innovation adoption](#).

As thought leaders and industry leaders, we're proud to have been the first industry to assess our economic contribution using [Treasury's Living Standards](#)

[framework](#). We commissioned BERL to deliver a report which in the end showed that our metals industry is a strong contributor to the NZ economy and the living standards of New Zealanders. The challenge for our industry is now to use the LSF terminology when communicating with our customers, stakeholders, MPs and the general public to ensure New Zealanders understand the importance of metals to our economy, and how metals make a difference to their lives – both current and future.

Facilitating connection, collaboration and knowledge sharing within our sector

Our membership services and support team has been focused on delving deeper into membership value and services. We launched our online library just last month as part of our [digital journey](#) to facilitate connection, collaboration and knowledge sharing for our NZ metals industry.

Through our marketing and communications division we've run a number of communication campaigns to increase awareness of key industry challenges and [projects that show true innovation and ingenuity](#).

Our most successful campaign being our Women in Engineering showcase which profiled successful women in our industry and the importance of diversity in the workplace such as Modern Construction QS Estimator & QA Assistant, [Reem Soliman](#), McConnell Dowell Business Development Manager, [Grace Schaefer](#) and [many more](#).

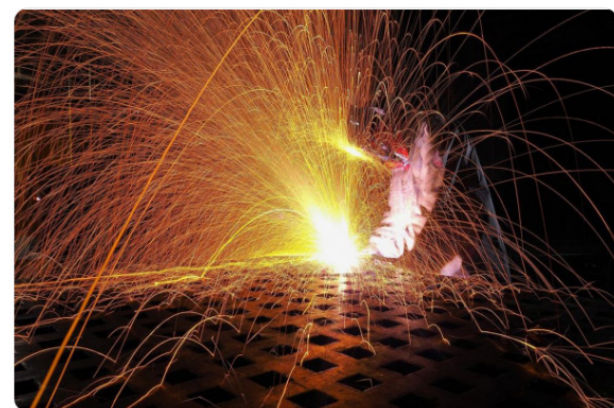
Excitingly, we've done a lot of work on our digital platforms, launching our new look, user friendly website [www.hera.org.nz](#), as well as a [YouTube](#), [Facebook](#), and [Instagram](#) account. We also went digital on our [Annual Report](#).

These steps have been a big change for our team and the way we've traditionally talked to our stakeholders – but it has been a fantastic move that ensures we're keeping up with the times and remaining relevant in what has fast become a digital world. In 2019 – we'll certainly be encouraging our members to take similar steps if they want to remain competitive and up to date with the latest trends and changes as they unfold.

And that's 2018 in a snapshot!

NZHERA @NZHERA · Dec 18

Have you booked to attend our Welding Supervisor/Inspection Part 1 course in Auckland from 4 - 8 March 2019? It's the perfect course to take your [#Welding #qualifications](#) to the next level so secure your place ASAP as there are limited spaces available! [bit.ly/event-hera](#)



NZHERA @NZHERA · 24m

Are you looking to align with the [#SFCscheme](#) but aren't sure where to start? Look no further, as our Welding Engineer [#RobertRyan](#) is running a [#SFC](#) beginners course early next year. Tap into his expertise & PM us to register interest - spaces are limited! [#certification #SCNZ](#) 🙌🙌



What are HERA's values?

That's a good question and one we have been asking ourselves. So much so, that we've been working with our team to define them.

Initially, by getting our lead team to propose what we think are the really important values we want to live by, and then having discussions with our full team to see how these sat. As a result, we have identified one core value that is under-pinned by eight supporting values.

We have all agreed that we will hold each other accountable to these values and we are happy for you to hold us accountable to these too.

This is why we think it's important to share them with you – so you can!

Innovation

As enthusiastic partners: innovation is at the core of everything we do.

It should be no surprise that innovation is our core value. We also think it's important to reflect that we are enthusiastic partners.

We want to engage with our members. More than that, it excites and motivates us to do so.

It is our core mandate as a research association.

Independence

We're impartial partners supporting industry.

It's important that we remain independent and represent our members and industry overall.

We don't have a hidden agenda and we aren't unduly influenced by anyone.

We remain impartial and represent the facts as we observe them.

Excellence

We're trusted for our technical excellence.

We recognise that our members want to see us as an extension of their own capabilities.

Our members may not want or need to engage with us on a daily or regular basis, but they want us to be available to support them when they do need us. And that is usually when things have gotten complicated!

So, we need to have technical capability that can be trusted and relied upon.

Integrity

We're responsible for our actions and deliver on our promises.

If we say we will do something, we will work hard to make sure we deliver on that promise.

We walk our talk.

Progress

We're passionate learners who accept the challenge to think differently.

It's our job to be the catalyst for innovation in our industry.

In order to deliver on that mission, we have to always challenge ourselves to think differently and learn new approaches. We adapt to what the facts tell us, and we look for new ways to collect and analyse data to ensure our recommendations and conclusions are well considered.

We don't stick to one approach. We search for many and choose what is the best approach for each situation.

Respect

We're seekers of diverse perspectives.

We take a multi-faceted approach and appreciate diverse thinking.

Different perspectives provide a more holistic understanding of any problem and potential solution.

Ingenuity

We're pioneers of new thinking.

We trial new approaches and encourage creativity.

We are thought leaders for our industry. That requires us to be original and imaginative, as well as excellent.

Collaboration

We share our ideas and knowledge and value the contributions of others.

We actively engage with our members, stakeholders and community and use an open innovation model.

We create knowledge for it to be shared and to have broad impact.

We also seek knowledge from others so that we can build our own capability through diverse networks.

Work-life-balance

We're focused on total wellbeing and safety.

We recognise that life is a juggling act and that in order to function at our best, we have to have things in balance.

Our lives and livelihoods have to protect the things that are important to us. This includes our health, safety and wellbeing.



Our people



Looking for a new place to call home?

HERA House has a prime office space available for rent!

A 14.5m² office space in the downtown Manukau district, it's a stone's throw from Westfield Manukau.

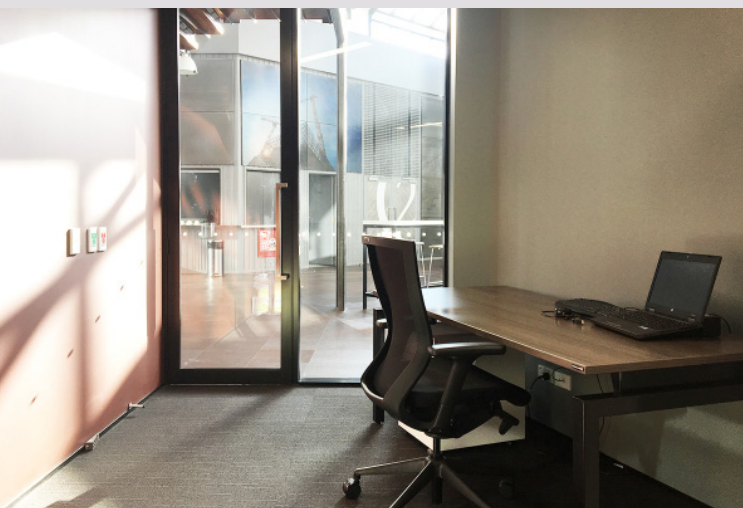
This space is ideal for independent workers who are looking to create presence in their business by developing a hub to operate from.

And, if you're in the metals industry - what better place to start than surrounded by like-minded organisations like HERA, Steltech, Metals NZ and SCNZ who are also based here!

Tenants also benefit with access to facilities such as meeting, seminar and conference rooms at discounted rates. This means you're able to host your key stakeholders on site to numbers up to 60 people!

Rental also includes kitchen facilities, tea and coffee, printer and network access (at a usage cost rate), one car park space and office furniture and storage. We're also willing to provide basic office support.

If you'd like to find out more, or register your interest – contact our Manager Member Services and Support Brian Low by phone at +64 9 262 4845 or by email brian.low@hera.org.nz



Our team celebrating Christmas & a great year!

People

Notice –B1/VM1 Amendment 17 and B2/AS1 Amendment 10 published

Back in August we called for comments from our members on MBIE's proposed changes to B1/VM1 and B2/AS1.

Three months later – we're pleased to report these amendments have now been published.

Over the last 9 months, [HERA have worked closely with SCNZ and MBIE](#) to exploit the significant investment that has been made in developing the new composite design standard (AS/NZS 2327) and the durability technical specification (NZS TS 3404) by having them referenced in B1/VM1 and B2/AS1 of the New Zealand Building Code.

The amendments will result in [AS/NZS 2327 replacing Section 13 of NZS 3404.1](#), and [SNZ TS 3404 replacing Appendix C of NZS 3404.1](#).

Furthermore, [SNZ TS 3404 will become an Acceptable Solution for meeting the durability requirements of steel building elements](#). These amendments became effective on 30 November 2018.

The previous Acceptable Solutions and Verification Methods will continue to comply until 31 March 2019. However, if used from 1 April 2019, the previous Acceptable Solutions and Verification Methods must be considered an alternative solution proposal.

An update was needed to unlock the benefits in AS/NZS 2327 and NZS TS 3404

The introduction of AS/NZS 2327 expands on the information currently in NZS 3404.1 and [provides design provisions on a wider range of composite structures](#). And, given that the Australian Building Codes Board (ABCB) have signalled that AS/NZS 2327 will be referenced in the 2019 edition of their NCC, this standard will remove barriers for our members providing design services in Australia or wishing to export building products for composite construction.

Previously, there was no means of compliance with Building Code clause B2 Durability for steel construction, which resulted in designers using Appendix C of NZS 3404.1 and having the difficult task of applying AS/NZS 2312. [NZS TS 3404 clarifies the application of AS/NZS 2312](#), providing a pathway for designers to specify corrosion protection systems. The addition to B2/AS1 will provide an approved compliance pathway and will avoid the need to justify alternative solutions.

What does this mean for you?

From 1 April 2019 building consent and territorial authorities must take these changes into account when deciding whether a building consent application complies with the building code.

To assist our members in using AS/NZS 2327, we're currently developing two software tools for designing:

- composite floors; and
- composite columns using concrete filled structural hollow sections.

In addition, we're also preparing a HERA guide for designing composite beams according to AS/NZS 2327.

Following support from both the Australian and New Zealand industry, work has been commenced by the international software developer Oasys to implement AS/NZS 2327 within their Compos composite beam design software, which will provide a wider range of tools for users.

Finally, some manufacturers of products for composite construction have subjected their systems to the standard tests given in AS/NZS 2327 to ensure that they comply with the new standard.

[Want more information?](#)

Our General Manager Structural Systems Dr Stephen Hicks recommends you head to the Standards NZ website.

Here, you can [find more details or purchase](#) this technical specification.

NZHERA @NZHERA · Dec 11
A though provoking video shared by @BloombergAsia on the topic of #blockchain - "a \$36.5m condominium has been sliced into digital shares, & you could own a piece of it". An example of how #blockchain could disrupt the real estate & banking industries! 💰🏠

Blockchain Takes Manhattan
This 36.5 million dollar condominium has just been sliced into digital shares, and you could own a piece of it. Video by Matt Goldman
youtube.com

NZHERA @NZHERA · Dec 11
ome #foodforthought on steel's role reaching #zeroemission - "There are obvious things NZ could research... working out how to convert our steel production to zero emissions – someone needs to work out how to do that." @KerrSuzi @NewsroomNZ @eloise_gibson
bit.ly/2KQYyfu

Eloise Gibson
Eloise Gibson is Newsroom's environment and science editor. She's written for the New Zealand Herald, Stuff.co.nz, The Listener, and BBC Future.com. Twitter: @eloise_gibson.

ENVIRONMENT
What's the beef with methane?

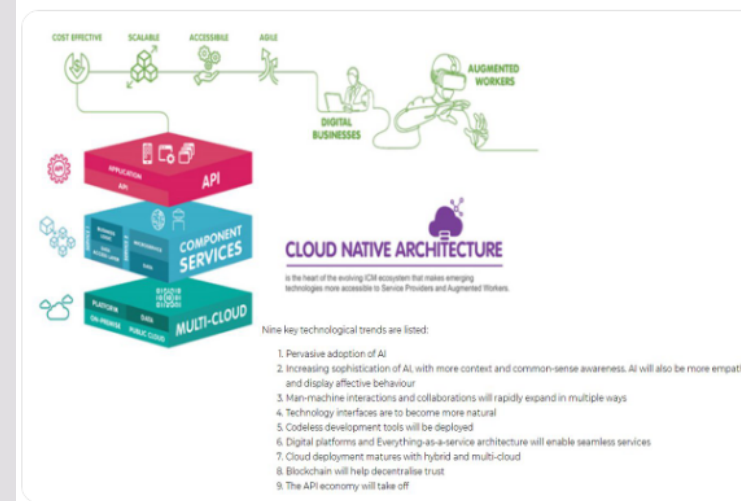
The Government's proposal for a Zero Carbon Bill has exposed an argument between scientists about the importance of methane. But it's not really about science, as Eloise Gibson reports in this deep-dive news feature.

There's beef in the world of methane.

NZHERA @NZHERA · 22h
Trends: a research team has developed a novel high-strength alloy which is extremely strong - yet ductile & flexible. This overcomes the critical issues of the strength-ductility trade-off dilemma, paving the way for future innovative structural materials! bit.ly/2Eeuw5G



NZHERA @NZHERA · Dec 4
Services 4.0 has been identified as a potential engine for future growth. A projection of the digital tech landscape shows 9 key shifts or tech trends which are poised to influence our future - these include things like #AI #thecloud #blockchain & more! bit.ly/2r501H3



NZHERA @NZHERA · Dec 13
A great video shared with us by @greatsteel which features @scfinnigan of @ArcelorMittal who presented on the technological Advancements on "Steel and the Skyscraper City: A Study on the Influence of Steel on the Design of Tall Buildings." Worth the watch!

JH 2015
nal Conference

CTBUH 2015 New York Conference - Shelley Finnig...
Tuesday October 27, 2015. New York City, USA. Shelley Finnigan, of ArcelorMittal, presents at the 2015 New York Conference Session 4d: Technological Advancem...
youtube.com

NZHERA @NZHERA · Dec 17
The @aisc #MSC Dec issue is here!
Find out the latest from them on #steel projects #silica safety, and how you can take #multistorey projects to the next level by knowing how to frame structural steel around stairs and much more!
#ModernSteelConstruction bit.ly/2BPCC2e




Showcasing your projects to the world on #instagram



 innovationinmetals

innovationinmetals While our CEO @troy.coyle was winging her way to meetings last week she managed to snap this picture of the #wellingtoncontroltower - an amazing project which our member #MJHengineering was a part of.

The iconic new Control Tower at Wellington International Airport leans into the prevailing northerly wind at a 12.5 degree angle. It's structure is 32m high & has been designed to withstand severe earthquake shaking while meeting 100% of the building code. The foundation also incorporates 13 base isolators which will absorb most of the movement during an earthquake.

   Liked by tonkintaylor and 5 others

DECEMBER 3

Add a comment...



 innovationinmetals

innovationinmetals Rope access inspection by our member #optimechinternational for a structural reinforcement survey on a building complex in Auckland using #Proceq #Profometer cover-meter technology and core drilling samples.


#NZserviceprovider #NZproject #membersuccess #proudasplash #nzmade #kiwigeniuty #hiddenbeauty #buildingcommunities #healthandsafety #worksabove #inspections

   Liked by troy.coyle and 5 others

DECEMBER 6

Add a comment...



 innovationinmetals

innovationinmetals The Crossings building A, C & D (photo taken from the top of building B) - this is Central Christchurch's biggest \$140m retail precinct development with 1.4 hectare of retail space! Imagery courtesy of our member #JohnJonesSteel who are based in #Christchurch & #Timaru & undertake #structuralsteel #fabrication projects of any size and every stage!

#steel #construction #design #NZproject #membersuccess #proudasplash #nzmade #kiwigeniuty #hiddenbeauty #buildingcommunities #hues #solid #structuralsteel #strength #propertyinfrastructure

   Liked by troy.coyle and 14 others

7 DAYS AGO

Add a comment...



 innovationinmetals


innovationinmetals #hues #design #beauty #solid #structuralsteel #strength #hiddenbeauty #fabrication #circa2017

   Liked by amsgroupnz and 14 others

3 DAYS AGO




Add a comment...



 innovationinmetals

innovationinmetals #JohnJonesSteel Shirley Boys High & Avonside Girls Secondary School in construction with 95% of the steel erected.


#steel #construction #design #NZproject #membersuccess #proudasplash #nzmade #kiwigeniuty #hiddenbeauty #buildingcommunities #education #propertyinfrastructure #fromabove #gettingitdone #christchurchproject

   Liked by troy.coyle and 10 others

DECEMBER 4




Add a comment...



 innovationinmetals

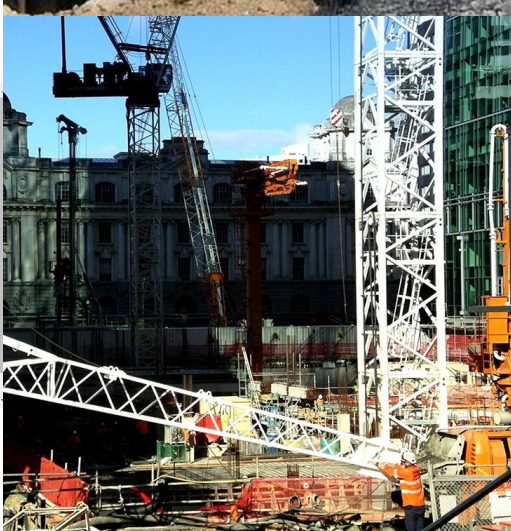
innovationinmetals #Pokono ballast tray #circa2014.


#flashbackproject #steel #construction #design #NZproject #membersuccess #proudasplash #nzmade #kiwigeniuty #hiddenbeauty #buildingcommunities

   Liked by amsgroupnz and 7 others

DECEMBER 7




Add a comment...



 innovationinmetals

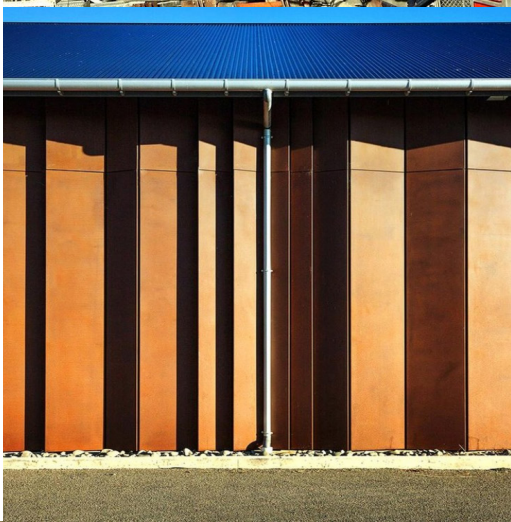
innovationinmetals Our members #IMG installed and removed the 350 tonnes of underpinning steel work to support the Heritage listed Chief Post Office in downtown #Auckland during the excavation and construction of two rail tunnels passing directly under the building for the @cityraillink project. Engaged by the @downernz #soletanchebachy Joint Venture, they provided 5000 man hours in specialist #welding capabilities, installation, resources and equipment.


#steel #construction #design #NZproject #membersuccess #proudasplash #nzmade #kiwigeniuty #hiddenbeauty #buildingcommunities

   Liked by tonkintaylor and 12 others

7 DAYS AGO




Add a comment...



 innovationinmetals

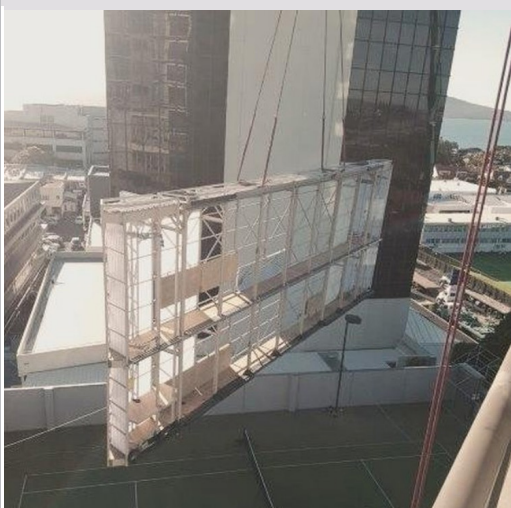
innovationinmetals An amazing shot from member #DavidsonGroup who were the lead consultants for this beautiful pinot cellar for @cloudybay - to bring together the expertise of architect #PaulRolle main contractor #ScottConstruction and #structural steelwork by another of our members #SharlandEngineering and folding and installation of #corten weathering steel cladding by #CuddonEngineering

#steel #construction #design #NZproject #membersuccess #proudasplash #nzmade #kiwigeniuty #hiddenbeauty #buildingcommunities #hues #beauty #solid #structuralsteel #strength #propertyinfrastructure

   Liked by tonkintaylor and 16 others

2 DAYS AGO

Add a comment...



 innovationinmetals

innovationinmetals A fantastic shot of #Farrafabrication #SkyRiser - a #selflifting #scaffoldsystm being erected on the tower on the Auckland North Shore. The system is 2 stories high and encompasses the 4 sides of the building allowing workers to refurbish the external areas while protecting both workers and the public for the duration of the project. As each 2-level refurbishment is completed the Farra hoist lifts the scaffold up to the next level and is secured in place.


#steel #construction #design #NZproject #membersuccess #proudasplash #nzmade #kiwigeniuty #hiddenbeauty #buildingcommunities #multistoreybuilding #healthandsafety

   Liked by troy.coyle and 7 others

DECEMBER 5




Add a comment...



 innovationinmetals

innovationinmetals Great image from our member D&H Steel Construction of their works done on the #HigginsHouse in Highbrook. A project that consisted of 130 tonnes of steel to a value of \$600k


#steel #construction #design #NZproject #membersuccess #proudasplash #nzmade #kiwigeniuty #buildingcommunities #propertyinfrastructure

   Liked by tonkintaylor and 13 others

DECEMBER 12




Add a comment...



 innovationinmetals

innovationinmetals The bones of #nzicc - a hive of activity & #construction in Auckland's CBD! #bdsircon.


#steel #construction #design #NZproject #membersuccess #proudasplash #nzmade #hiddenbeauty #buildingcommunities #design #beauty #solid #structuralsteel #strength #cranesforafrica #skycitytower #newkidintown

   Liked by troy.coyle and 8 others




4 DAYS AGO

Add a comment...



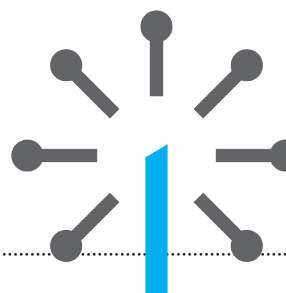
 innovationinmetals

innovationinmetals #weldedconnections #welding #joins #hues #design #beauty #solid #structuralsteel #strength #hiddenbeauty #ModernConstruction #Hamilton

   Liked by tonkintaylor and 9 others

1 DAY AGO

Add a comment...



Do you want free marketing for your business in 2019?

If yes, then we want to hear from you!

In 2018, we've run a number of marketing campaigns which have showcased our member projects, imagery, and commitment to drive our industry forward.

Next year we want to do the same - and if we can, take it up a notch!

The best part - if you're a member of HERA, it doesn't cost you a thing to take advantage! Simply send through any client approved imagery you're happy for us to share on our social platforms, website and annual report with a brief descriptor of the project, it's location, and the role you've played.

Or, if you'd like to do something more indepth like a project case study or thought piece, get in touch with our Manager Marketing and Communications Kim Nugent to discuss further!

kim.nugent@hera.org.nz

R&D and innovation

Benchmarking New Zealand's performance in innovation and R&D

New Zealand's R&D and innovation performance – can we do better?

The answer is yes! NZ's expenditure on R&D is benchmarking alarmingly low.

This is the key takeaway from MBIE's recently released 2018 Research, Science and Innovation System Performance Report.

But why does this matter?

According to the OECD and Treasury, low R&D investment and innovation rates appear to be important factors behind New Zealand's low economic productivity. So, it matters a lot!

The Government has set a target of increasing total expenditure on R&D to 2% of GDP within 10 years. Currently, it is 1.23%, well behind our global peers. Israel is at 4.25%, Denmark at 2.96%, Singapore at 2.18%, Australia at 2.11% and the OECD average is 2.38%. Given that so many countries are already above the 2% target, it does raise the question – is 2% within 2 years going to cut it or will we be continuously left behind?

In actual fact, with that target, in ten years we will still be below the 2018 OECD average.

The report itself is showing that NZ ranks relatively low for business expenditure on R&D, being just 0.63% of GDP. Our neighbours across the Tasman are nearly double that at 1.19%.

Manufacturing is the lead sector when it comes to R&D spend, contributing 42% of the national spend on R&D.

Not surprisingly, NZ is a great collaborator when it comes to academic collaboration with international researchers. However, University and business collaboration is well below that of the OECD average (6.2% vs 4.6%).

Author

Dr Troy Coyle | CEO
troy.coyle@hera.org.nz | +64 9 262 4848

A thinking policy analyst might see this as an opportunity to improve national R&D spend and outcomes. Incentivising greater collaboration between business and academia in the sector doing the most R&D seems like a no-brainer.

A step in the right direction

At HERA we're encouraged by the Government's recently announced changes to the proposed R&D Tax Scheme. It has increased the rate to 15% (up from 12.5% originally proposed). Although, this is still probably not high enough to create a dramatic shift in business expenditure on R&D.

The other changes included reducing the minimum claimable spend from \$100,000 to \$50,000 and adapting the definition of R&D to a much more workable definition.

Overall, the Government has done a good job of taking on board the industry feedback. We hope that in coming announcements, there will be a further increase from 15%.

Total public support for research, science and innovation was \$1.6b in 2017/18, and is projected to rise to around \$2b by 2020, driven by the expected introduction of a R&D tax incentive in 2019. The Strategic Science Investment Fund and Endeavour Fund are currently the largest public research funding mechanisms, investing a total of \$448m in 2017/18. The Performance Based Research Fund provides a further \$315m to incentivise high-quality research and research-led teaching and learning in tertiary education institutions.

But... there is still work to do!

Other than the pending R&D Tax Scheme, it looks like there is very little support for industry-led R&D on the horizon.

We hope that the Government will announce more support in its Wellbeing Budget. We all have war stories of having tried unsuccessfully to engage in tertiary-education-led programs... raising the question of R&D relevance. Is the "industry engagement" requirement simply a tick-the-box exercise or is there a genuine need and intent to engage more? Clearly the data is showing that this is an area where NZ is falling behind significantly. The Minister's foreword states:

“The Government is developing a strategy for future research, science and innovation investment, in support of our wellbeing goals and the two percent target. I would encourage research, science and innovation sector stakeholders to draw on this report as part of a shared evidence basis when engaging with the Government on the draft strategy.

We take this as a clear pointer that future R&D investment is likely to link to wellbeing goals. This aligns well to our [recently released review of the Metals industry's contribution to the nation's wellbeing](#) using Treasury's new Living Standards economic review framework. We would encourage any of our members seeking Government R&D and innovation support, to use this assessment as part of your application and engagement process.



Get qualified to become a Welding Supervisor or inspector!

If you aspire to take your career to the next level - why not book in to our 'Welding Supervisor or Welding Inspection' courses.

Designed for those already working in the industry it delivers the learnings necessary for you to upskill and broaden your understanding of your current supervisory role.

It's also perfect for those wanting to progress to a supervisory role, or get the necessary qualifications to become a welding inspector. Providing an in-depth understanding of quality management systems for structural steel welding and its associated standards, and the necessary metrics to meet SFC certification requirements.

Find out more

We're holding two Welding Supervisor | Inspection Part 1 courses during March:

- Auckland: Part 1, 4 - 8 March, full day
- Christchurch: Part 1, 11 - 15 March, full day

NB: There are limited spaces available and places book out quickly, so secure your spot as soon as you can!



Book at www.hera.org.nz/events/





Having trouble getting your business SFC certified?

Our expertise at the SFC beginners workshop can help!

Now more than ever, getting yourself SFC certified has never been more important.

Why? Because the citation of AS/NZS 5131 on the Building Code earlier this year, means project specifications are increasingly calling for SFC certified steel constructors. Also, the unanimous resolution by SCNZ members late 2016 for all Steel Constructor members to become certified under the SFC scheme by 2020 means time is running out for fabricators to get aligned.

But this is a good thing! It signals a real industry commitment to reduce risk and ensure quality management systems are in place to consistently produce compliant products to a required standard. And, will ensure NZ fabricators within this scheme have a strong competitive advantage.

Why attend?

On the ground, we're hearing that Steel constructors are finding the SFC certification process overwhelming, time consuming or too costly to do. They need practical advice on where to start, and

guidance to implement all the requirements correctly, effectively and efficiently.

That's why in collaboration with SCNZ we're offering this new SFC for Beginners Workshop – to meet this need.

Who can attend?

This is an exclusive course available only to NZ fabricators who are registered as both a HERA and SCNZ member (or are in the process of becoming one).

Cost

	1 person	2 people	3 people
HERA Ordinary (45% discount)	\$225+gst	\$390+gst (\$195pp)	\$540+gst (\$180pp)
HERA Affiliate or Associate (15% discount)	\$350+gst	\$600+gst (\$300pp)	\$750+gst (\$250pp)
Full price	\$410+gst	\$700+gst (\$350pp)	\$990+gst (\$330pp)

With support from:



For more information

Contact: Robert Ryan | Welding Engineer

Phone: +64 9 262 4842

Email: robert.ryan@hera.org.nz

Book today!

Auckland: **Fully booked, no seats**

Christchurch: [Friday 15 March 2019](#)



The innocent cup of tea?

Why the humble cup of tea is a H&S hazard to be weary of.

For those who like to make themselves a cup of tea (or coffee for those caffeine fiends) - this goes out to you.

For some reason, we seem to have a tendency to fill our cups too full. It's nothing to write home about in most cases... that is, until we decide to take that drink on a walk over to the closest table to sit down and read the newspaper. It's a recipe for disaster, because of course we're bound to spill drops of tea or coffee on the way over.

Here in lies the problem. We're lazy. In most cases, we don't even bother to look down. What harm can a little tea on the ground make? Either that, or we think... Reception will clean it up, or my favourite - it's not my job.

Firstly, snap out of it. Reception's job isn't to clean up after you. Secondly, damn straight, it's your job! You spilled it, you clean it! Under the Health and Safety Act - everyone is responsible for making their workplace safe, so it's time for you to step up, take ownership, and mitigate that risk!

A bit over the top you think?

We thought so too... until it caused an accident at HERA House at the end of November.

One of our staff members slipped and fell on to their back after their shoes made contact with a wet patch from a spilled beverage on the pathway from our staff kitchen to lobby area.

They suffered a sprained ankle and bruised finger, and are now undergoing physiotherapy treatment. This incident was preventable, and had the potential to be much worse as it occurred near the stairwell.

So... to the spillers' of drink, please:

- Don't overfill your cup. And if you do, tip some out or sip it down a bit before you make a move!
- Mop/wipe up or dry up all wet patches due to spilled beverages immediately (this also goes for rainwater from dripping umbrellas!)

To the non-spillers:

- If you see a team member spill a bit of their drink and ignore it - call them out and hold them accountable!
- If you notice a spill and no one is around, don't ignore it - clean it up so no one is injured by it.
- Inform the Health, Safety & Environment team of this so it can be recorded as a near miss.

H&S+Environment



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