

Central NEWS



June 2015

Newsletter from the
Central Section of the
Chartered Institute of
Logistics and Transport



The Chartered
Institute of Logistics
and Transport

Matangis arrive!



Wellington's newest trains rolled off a vessel from Korea on 23/24 May, the first of 35 two-car units due to arrive by mid-2016. *Continued on back page.*

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From our Chair

We are now well into the year and winter is officially with us. Notwithstanding this, your committee continues to be busy organising an interesting, balanced and informative monthly meeting schedule. We are grateful for the enthusiasm and interest members have shown attending our monthly meetings.

The next few months sees a further range of interesting speakers and on-site visits. May I also urge members to consider the CILT Mentoring Programme. CILT has a training arrangement with NZIM for this. Contact the committee for more information. In the meantime, we look forward to seeing you at our monthly meetings.



Peter Sheppard

2015 Event Calendar



The Chartered Institute of Logistics and Transport

Central Section

Date	Event	Topic	Organisation	Speaker	Venue
25 June	Luncheon	Welcome to Mainfreight	Mainfreight	Nathan <u>McEldowney</u>	Mainfreight 81-87 Aotea Quay, Pipitea, Wellington
29 July	Luncheon	Update and future thinking	Ministry of Transport	Martin Matthews	Ministry of Transport
August	Luncheon	To be confirmed	Wellington Airport	Steve Sanderson (proposed)	Wellington Airport (proposed)
August	AGM	Annual business	CILT Central	Peter Sheppard	Ministry of Transport
September	Luncheon	National Land Transport Programme 2015-18	NZTA	To be advised	NZTA

CILT Webinars

Have you joined one of the Australian CILT Webinars yet? There are some really interesting topics, which as a NZ CILT member, you have free access to these.

It is really easy to register, just click on the link in the email invite that our National Secretary distributes or via their webpage:

www.cilta.com.au/page-webinars

Then all you need to do is join the session at the appointed NZ time via the link in your confirmation email.

Recently Michelle McCormick, CMILT and our Central Section Secretary, quietly observed the recent Webinar: *Smart Cities and Smarter Transport; Urban Mobility and access in the ICT-era* by Dr Ryan Falconer from ARUP consultants in Perth. Michelle said *“this was a fascinating presentation and covered a wide range of issues that are being grappled with as technology progresses faster than our regulatory framework or even our levels of human comfort.”*

You can view this presentation [here](#).



Have your say on the Freight Information Gathering System

CILT members Murray King and Richard Paling have been commissioned by the Ministry of Transport to review the Freight Gathering Information System (FIGS).

The review seeks to gain an understanding of users’ views and perceptions of the value of the system and identify ways in which the information might be better presented or extended to include additional elements.

Murray and Richard seek input from a wide range of sources, and believe that there are many CILT members who use the information.

If you would like to have your say on the FIGS, you can fill in the questionnaire linked [here](#). Alternatively you can get in touch with:

Murray, at murray.king@xtra.co.nz or ph 04 473 3364

or

Richard, at rpaling@xtra.co.nz or ph 09 575 9069.

The Traffic Speed Deflectometer

A new method for collecting road pavement condition data

Over the summer the Transport Agency has been testing a 15 metre truck and trailer unit on the state highway network to collect pavement condition data. The purpose of collecting this data is to help the agency make better decisions about future road pavement maintenance for the state highway network. In order to collect the data the truck and trailer unit has inside state of the art technology the employ banks of computers, lasers and 3D cameras that capture data for a range of indicators. The complex network of Doppler lasers measure the amount of reverberations of the of the pavement while it is being driven to determine its structural strength; while an array of high-speed laser systems also detect cracks and the profile of the road.

The truck and trailer unit is called a Traffic Speed Deflectometer (TSD), and is a cooperative project between the Transport Agency and the Australian ARRB Group. During the drier New Zealand summer months



(January to March) the Transport Agency will operate the TSD on NZ highways, and ARRB will operate the TSD in the states of Queensland and New South Wales in their Autumn and Spring periods. Dry conditions are required due to the lasers not being able to



operate effectively in wet conditions.

Compared to traditional methods the TSD will provide a faster, safer, and enhanced method of collecting pavement information. Traditional methods require a static test every 50-200 metres that requires a traf-

fic management programme that could involve lane closures. The TSD operates at near normal road speeds and records data continuously. As it operates at normal speeds it does not require a traffic management programme, meaning less disruption for customers. During its operation the TSD collected condition data for approximately 11,000 lane kilometres (approximately half of the state highway network) in the first of five kiwi summer surveying projects.

PM speaks on supply chain management

On 5 March at the University of Auckland Business School, Prime Minister Key discussed the growing importance of the supply chain for New Zealand in the fast changing and growing global markets.

Managing supply chain relationships and optimising global logistics are key to success for many Kiwi businesses. As global markets continue to grow and change at pace, companies are constantly looking for innovative ways to make the supply chain more efficient, ensuring they remain profitable and sustainable.



For more on Supply Chain Management have a look at the Auckland University: Centre for Supply Chain Management [here](#).

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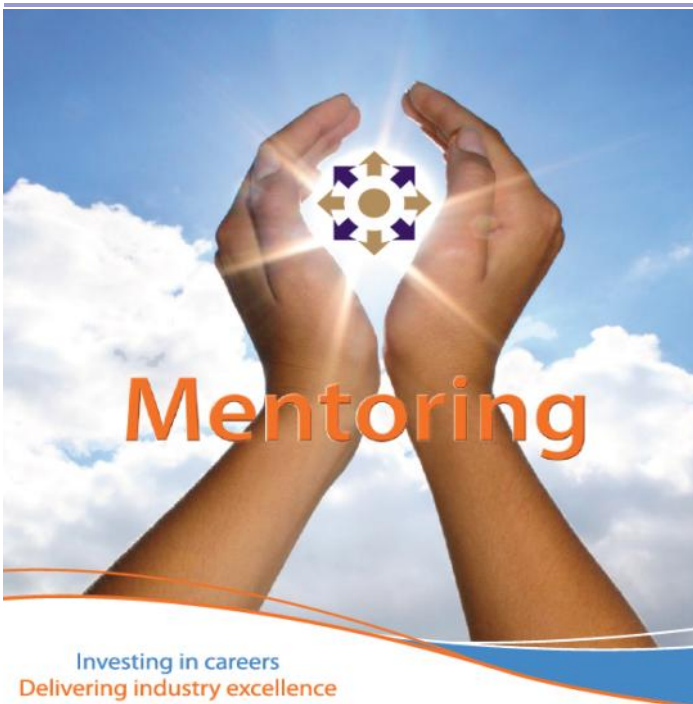
Read more in the CILT Global Newsletter

(Click [here](#) to go to the newsletter)



The Chartered Institute of Logistics and Transport

Global Newsletter



Investing in careers
Delivering industry excellence

Developing your career
Fulfilling your potential



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NZ CILT Mentoring Programme

The NZ CILT Mentoring Programme is now underway with mentors engaging with their protégées.

The Central section has commenced with two mentors and, although the programme is in its early stages, enthusiasm between the parties has been strong.

Mentoring offers a suitable compromise between more formal academic training and on-the-job short courses for industry managers at all levels. It also fits well within organisations which have a slimmed down organisational infrastructure by allowing managers to both study and work alongside industry coaches sharing their experiences. The move to Learner Centred education fits well with mentoring. The “Learner” is actually in charge of their learning and having the support of the mentor close at hand provides added confidence for all parties.

Mentoring costs are reasonable and cost effective when compared to more academic approaches.

People and partnerships

It's been a memorable year for Shell New Zealand.

We've achieved three significant milestones; committing to scientific research in the huge (nearly 150,000km²) prospecting licence in the New Caledonia Basin, completing another high-tech and very challenging drilling campaign from the Māui A platform and our ongoing work around the Great South Basin prospect.

To cap it all off, we won on the national stage the 2014 New Zealand Energy Company of the Year Award which is a great honour, especially as the first upstream Company to achieve this.

None of this would have been possible without the huge effort, perseverance and creativity from our 400 staff, contractors, iwi, hapū and runanga, our neighbours and our partners. Thank you.

The global energy challenge

The energy industry has been under increased scrutiny this year. We understand the passion our activities ignite. As Kiwis ourselves we love the great outdoors just as much as those who oppose our activities do. Like them, we demand clean beaches and protection for our wildlife. These values are important to our lives and those of our children and children's children, too.

There is something on which both sides of the ideological divide can agree: the way in which the world uses the



Rob Jager, Chairman, Shell New Zealand.

planet's resources simply has to change but this won't happen overnight. To the contrary, it will require fortitude, partnership and a balanced approach to ensure we meet the competing demands of insatiable energy consumption, environmental considerations and very real technical challenges.

UN projections have the global population growing from seven billion to nine billion by 2050. That's like adding another China or India, so energy demand could double if we don't change our consumption habits and adopt greater energy efficiencies. At the same time, CO2 emissions will need to be halved to avoid the impact of Climate Change.

All sources of energy will be needed to meet this challenge. Even if huge investment is ploughed into renewables and these grow from today's 15 percent of the global energy mix to around 30 or 40 percent, fossil fuels and nuclear will still have to make up the shortfall.

Enter natural gas. While by no means the only answer, there is no doubt that natural gas has the ability to meet the growing world's energy needs with a significantly reduced impact on the environment. Natural gas is abundant (more than 250 years at current consumption rates), affordable and acceptable. It burns much more cleanly than any other fossil fuel. As a result we expect it to overtake coal as the largest single source of electricity and account for more than one quarter of all global energy needs by 2040.

New Zealand

So where does this leave New Zealand? For starters we support absolutely the Government's aim of 90 percent of electricity generation coming from renewable energy sources by 2025. Because we think it's both achievable and desirable.

But the reality is that for vast chunks of the globe, renewables just aren't a significant an option. And it's here that we believe the opportunity exists for New Zealand, at both the local and the national level.

If discovered and accessed, natural gas reserves off the coast of New Zealand could potentially enable this country to export gas to other nations who don't have abundant renewable energy sources.

This approach would enable a far greater contribution to reducing the impacts of Climate Change globally than anything else we might be able to do on our own, including our domestic emissions reduction targets.

April Lunch Meeting

The Manawatu slip and access to health services

Jayden MacRae, winner of the CILT Ministry of Transport Award 2014, presented his thesis "*Using a natural experiment to access the effect of spatial barriers on health service utilisation*". In August 2011, a massive slip closed the Manawatu Gorge for almost 1 year causing significant disruption to many road users needing to travel between Manawatu and the Wairarapa / Hawkes Bay. Jayden's research examined the impact of dramatically increased travel



times for patients living in the eastern area of Palmerston North to access health services. Jayden gave a very comprehensive run through of the techniques he used to identify and cleanse the data of health service consumers and their access of various health services both before and during the road closure period before he commenced his analysis of the effects of increased travel time. This was a fascinating insight into health data, census information, human behaviour, as well as the transport logistics required to access health services.



Ministry of Transport CE
Martin Matthews and
Jayden MacRae

Continued from page 1

The [Greater Wellington Regional Council](#) is splitting the total project cost of \$170 million with the New [Zealand Transport Agency](#). The deal with Hyundai-Rotem also includes \$10m worth of upgrades for the existing Matangi trains to fit them with auto-couplers and new lights.

As the new Matangi trains, made by Hyundai, arrive in stages the remaining Ganz Magav units will be phased out. The new trains look just like the first 48 Matangis



that arrived in 2010, but will have in-built sound dampeners to reduce wheel squeak.

Wellingtonians overwhelmingly preferred the new trains to the

Council chairwoman Fran Wilde said.

"This is the final step on the way to having the single, modern, electric deserve," she says. "And it can't come soon enough. If you stand on a platform today you can still hear a collective groan when the old units come into view instead of one of our new Matangi.

"It will be a good day for Wellington commuters when we've got the new fleet fully in place. From that day on every journey will be a smooth and comfortable one and I'm sure Wellingtonians will continue flocking to trains as a result."



Feedback....Tell us what you think!

Do you have any interesting news to share? Click on the arrow or email us at ciltcentralnewsletter@gmail.com

The CILT Central Committee members are: Peter Sheppard, Kristy Grant, Cormac McBride, Michelle McCormick, Tony Frost, Robert Anderson, Tyler Ross, Megan Beecroft and David Hagan