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Are the country's infrastructure needs being adequately determined and planned for, or are politics and ad-hoc planning calling the shots? NZ Council for Infrastructure Development CEO, Stephen Selwood says an independent commission to assess and monitor NZ's infrastructure is needed to enable a shift away from short-term politicised debate to the smooth execution of infrastructure planning, funding and delivery. Selwood cites the misalignment of infrastructure planning and delivery with private sector or wider public policy, as the basis for his call for a new statutory body responsible for assessing and publishing national infrastructure needs over 30 years and monitoring regional and national progress. All future trends and pressures would be analysed: population and demographic change, finances, technology and environmental challenges.

"Optimal investment requires strong leadership and governance, longterm visionary planning, linked to funding, efficient and effective regulation, rigorous project prioritisation and appraisal, and advanced procurement and delivery capability." He bolsters his argument by pointing to the squabbling between Auckland Council and the Govt over urban development and the timing of the nation's largest public transport investment – Auckland's inner city rail loop. Across the regions there remains no cross-party agreement on major inter-generational roads in Wellington, Waikato and Northland, and in Christchurch in the absence of a compelling investment proposition, market response to the CBD rebuild has been much slower than anticipated.

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Labour Says City Rail Link Will Be PriorityLabour's transport spokesman Phil Twyford says the Auckland City Rail Link will be a priority if the Govt changes. "We're going to build the City Rail Link as a matter of priority as soon as we're elected. That's a huge civil infrastructure project. We're utterly committed to building the country's transport infrastructure as a vital part of the export supply chain as well as building modern public transport systems in our cities." Twyford believes where there is investment in transport infrastructure, particularly in growing cities, it opens the door to really significant value uplift. "Capturing that value uplift and investing it in infrastructure: that's the virtuous circle for

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urban development. I think the City Rail Link offers huge potential not only for the development of the central city with for example high-rise, **commercial** and **residential** development, but it's also a fantastic opportunity for private capital to be fully involved in the whole process." He is strongly critical of the Transmission gully motorway out of Wellington, insisting the characteristics of a genuine public-private partnership are absent from the agreement reached by the NZTA with Wellington Gateway Partnership, which will build and operate the road for 25 years.

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National Pushes \$100m For New CyclewaysA National Govt will allocate \$100m in new funding over the next four years to accelerate cycleways in urban centres. The announcement has been welcomed by the AA and the transport industry. Transport Minister Gerry Brownlee says an Urban Cycleway Investment Panel will investigate opportunities to invest in urban cycleways to expand and improve the cycling network. Brownlee says National recognises commuting by bike has health benefits and takes pressure off other transport networks, but says cycleways in the largest centres are fragmented and offer varied levels of service. "This funding builds on significant investments the government is already making, with projects in Hastings and New Plymouth showcasing how cycling can be a safer, more reliable and realistic transport option. Many people cite safety concerns and a lack of infrastructure as reasons for not cycling, so we're going to begin building cycleways to a standard that delivers real incentives for commuters to make a change."Funding for the cycleways will come from the Crown's Consolidated Fund. Brownlee says building more comprehensive cycling networks will require new infrastructure to connect existing routes and expand the network into wider urban areas. "And as these connections will be a mix of local roads and State highways, we'll need a strategic approach and collaboration at central and local government level. Some councils are well advanced in planning and constructing local cycleways, and we want to ensure we do what we can to complement them and make them capable of being used by the widest number of people possible."

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Transport Technology Firm Has Strong Appeal For InvestorsTransport technology firmEroad raised \$40m of new capital from its IPO on the NZX last week, and plans to use the money to fund its international expansion. Eroad, based in Takapuna, employs 115 staff and makes telemetric systems which monitor commercial vehicles and pay road-user charges electronically. Investors like the proposition and made Eroad's debut on the market one of the strongest of the recent hi-tech floats. The shares which closed the first day of trading up 40c to \$3.40, valuing the company at \$204m, have since risen to \$3.52. New wins recently for the **company** include a deal with Halls, which is said to be the largest refrigerated transport company in NZ. It forecasts revenues of \$19m this year and \$34m in 2015-16, expecting most of its growth will come from its existing markets in NZ and Oregon.

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Strong Economy Propels Freightways To Record ProfitA strong economy has propelled NZ's largest listed courier business Freightways to a record profit of \$\$41.7m, and despite reports the economy is slowing down it says it expects further growth in 2015. The company believes it can grow its business organically but it is also on the lookout for acquisitions. MD Dean Bracewell says the "widespread strength of this result was a particular highlight, with good first half year earnings growth followed by even better growth in the second half year." Both the express package & business mail division and the information management division posted record earnings performance. The express package & business mail division, which operates a multi-brand strategy in the domestic market through NZ Couriers, Post Haste, Castle Parcels, NOW Couriers, SUB60, Security Express, Kiwi Express, Stuck, Pass The Parcel, DX Mail and Dataprint, reported operating revenue 8% higher at \$332m for the year. Bracewell says the long-established business to business (B2B) activity increased during the year, reflecting a growing domestic marketplace which remains positive. But there was also increased volume again in the business to consumer (B2C) and consumer to consumer (C2C) space. All three internal service providers, Fieldair Holdings, Parceline Express and Freightways Information Services, underpinned the service offered by Freightways' front line businesses. Bracewell says looking ahead "Freightways believes the positive performance evident in this full year result will continue, enabling the achievement of year-on-year earnings growth again in 2015."

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Ngai Tahu, Tainui **Buy** Go Bus Big change in the public transport sector - Ngai Tahu Holdings and Tainui **Group** Holdings have bought national passenger transport **firm** Go Bus from Aust private **equity firm** Next Capital for \$170m. Ngai Tahu will take a two-thirds **stake** and Tainui will take the remainder. Next Capital says Go Bus has a "solid earnings stream stemming from long term contracts with limited revenue and margin risks" It also has a "pipeline of growth opportunities as a result of the structure of the New Zealand bus industry and the impact of regulatory initiatives."

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New Port Inland Port For Manawatu-Whanganui RegionPorts of Auckland, Napier Port and Icepak have created a joint-venture to develop a new inland port and intermodal freight hub at Longburn, Palmerston North. A 9ha site will be transformed into an intermodal logistics and manufacturing hub. Site clearance is underway and work will start soon on a cross dock to complement the existing Icepak cold store on site. A container yard and container wash facility - to prepare containers to export ready standard - will also be built. This is the first stage of a \$20m development. More developments will be announced in due course. The site is connected to the main trunk line and the parties are currently in discussion with KiwiRail to finalise services. Ports of Auckland CEO Tony Gibson says "this places the port gate on the doorstep of the region's importers and exporters, creating opportunity for both and driving cost

out of the supply chain. Currently imports come south from Auckland but not much goes back. This new facility will allow exporters to access this spare capacity, lowering freight costs all round."

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New International Service For Christchurch AirportChristchurch Airport is getting a new link with Taiwan through a summer service by China Airlines. The new service will operate three return flights a week for an initial summer season from December 2, 2014 to March 1, 2015. The service will offer an extra 24,000 seats between Christchurch-Sydney-Taipei over December/January/February, which underlines the on-going importance of Sydney as an international airport hub for the South Island. It will also offer opportunities for freight customers. Airport CEO Malcolm Johns says a current feature of the aviation industry is the emergence of alliances. China Airlines is a member of the Sky Team Alliance, which does not currently connect with the South Island. Other members of the Sky Team Alliance who currently fly daily to Sydney include Delta Air Lines, Korean Airlines, China Southern Airlines, China Eastern and Garuda Indonesia. The new service offers a total time of 14 hour and 15 minutes, including transit time in Sydney, which is up to four hours shorter and one stop less than any other option currently available.

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Wairarapa Air Link Rights Go To VincentA last minute bid with a touch of drama has seen Wellington-based Vincent Aviation www.vincentaviation.co.nz win Masterton District Council www.mstn.govt.nz support for its proposal to operate passenger air services between the Wairarapa and Auckland. These will start in mid-November using a Saab 340 aircraft. The council came close to approving an arrangement with Air Chathams www.airchathams.co.nz but was asked to delay this until Vincent made a counter offer. This included use of a bigger aircraft with cabin service whose operational capabilities avoided the immediate need for Wairarapa councils to lengthen the airport runway. That would have been necessary for the smaller capacity Metroliner proposed by Air Chathams. The air link's resumption has been welcomed by residents. industry groups and others. Kevin Ward, CEO of industry assoc NZ Airports www.nzairports.co.nz notes "in a study last year for NZ Airports, Masterton Airport was shown to generate added value to the Wairarapa economy of \$6.5m, rising to \$35m when wider economic linkages are taken into account. 100 jobs were supported by the airport at that time. Most of the benefits come from having regular airline links, so the new service will ensure a key foundation stone for the regional economy is restored."While Vincent Aviation was forced earlier this year to close down its loss-making Australian division the company is very busy in NZ and regionally. One current contract is in Myanmar where a Beech 1900D is operating a passenger/freight service between Yangon and Kyaukpyu for an Asian corporation active in offshore oil and gas. Kyaukpyu is site of a major deep sea port project and terminal for oil and gas pipelines to China.

Chinese investors are heavily involved and Myanmar is planning to establish a special economic zone. A long-distance railway to Yunnan is also under consideration.

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Integrated Logistics E-Commerce Service In PreparationState-owned China Shipping groupwww.cnshipping.com which has far-reaching interests in the global shipping sector is working with e-commerce specialist Alibaba Groupwww.alibaba.com to establish an integrated logistics platform. This will combine traditional shipping services with e-commerce which "clients can use for online logistics price inquiry, online ordering, online settlement and online goods tracking." Development work is focused on China Shipping Network Technology, a supplier of transport information products and China Shipping Container Lineswww.cscl.com.cn

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Prime Location Courier Base For AuctionA Kingsland, Auckland freehold property used as a courier base will be auctioned next week unless sold prior. Located on New North Road near the increasingly trendy Kingsland Village hospitality zone, the premises are being vacated by Urgent Couriers www.urgent.co.nz because of the need for more space. Agents Colliers International www.colliers.co.nz say the property is a "substantially refurbished 683 sq. muthree level concrete block building" which "comprises secure basement car parking plus open car parks out front, ground level warehouse/amenities and level 1 offices. Because of the nature of its recent use it features a high standard of security. John Davies and Peter Kermode are handling this sale.

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Pioneer Interchange Work To Start SoonConstruction is to begin on a new bus-train interchange at Otahuhu, Auckland later this year. Completion is targeted for mid-2015. Global engineering and technical services consultants Aurecon www.aurecongroup.com are completing the detailed design and will subsequently have construction oversight. Auckland Transport www.at.govt.nz last weekend held an open day at the Otahuhu Town Hall to explain the project, a pioneer for several interchanges to be implemented across the region. Project leader Aly Gleeson says "being the first interchange of its kind for Auckland it will set the standard. What we design will need to be of a high quality, exceed customer expectations and be cost effective." Aurecon is a growing force in Australasian infrastructure. Last week it appointed a new CEO, Giam Swiegers, who will be based at the Sydney office. The roll-out of electric trains in Auckland continued this week with the introduction of the new equipment on the Manukau line. Initially these are operating off-peak only but will gradually take over all services. The trains have been very well received on the Onehunga line but have experienced some power supply glitches.

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Commercial Vehicles Added To Rental FleetHertz NZ www.hertz.co.nz has introduced two new commercial lines to its fleet in response to demand, primarily from the infrastructure and agricultural sectors. Toyota Hilux and Hiace ZX Cargo vehicles are now available in Auckland, Christchurch, Hamilton and Bay of Plenty. Country manager Mark Righton says "with a construction boom across the country, we're offering a practical and cost-effective solution for companies and govt departments that experience fluctuating demand for commercial vehicles. Available as either short or long-term rentals, both vehicles are perfectly suited to the working and driving conditions in NZ."

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Health & Safety: Businesses Must Prepare For New LawBrent Sutton, Health and Safety Solutions Manager at health and safety development organisation Workbase is warning many businesses are ill-prepared for increased health and safety obligations under the Health and Safety Reform legislation to become law early next year and this is putting them at risk. He says the new law, expected to come into effect in April 2015, will increase employers' responsibilities to have safe work practices and to be sure employees know how to work safely. He says businesses could make a start on preparing themselves by:1. Identifying all of the business's hazards and risks.2. Understanding the business's health and safety obligations, and its strengths and gaps. Businesses could develop this knowledge by speaking with relevant industry associations or similar businesses, or through external verification of how well their health and safety system is working.3. Developing a plan for implementing the health and safety changes, and making it manageable and easy for all staff to implement, by creating a prioritised list.4. Addressing the business's greatest health and safety risks first. WorkSafe New Zealand, provides guidance and standards for many industries on its website:

www.business.govt.nz/worksafe/informationguidance/guidance-by-industry

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Transport Agency Tackles Truck SafetyAll businesses involved with shipping heavy freight should be aware of the high rate of truck accidents in NZ. Now the NZ Transport Agency has joined together with the road transport industry to tackle the problem of NZ's high truck rollover rate. On average a truck rolls over every two to three days on NZ roads - twice the rate of comparable countries such as Canada, Transport Agency Freight Director Harry Wilson says "truck rollover can happen for a number of reasons, so it's important we work together with the road transport industry to address it." The first step began in June when the Transport Agency joined up with Road Transport Forum, ACC and Police to run a series of run a series of workshops around the country to raise awareness of the issue. After the positive feedback from this, the Transport Agency is working with its industry partners to develop a comprehensive rollover prevention programme for New Zealand which will begin in 2015. Wilson says the goal is to reduce NZs rate of truck

rollover by half and together with the transport industry we will be working hard to achieve this.

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Digest

Clean TransportTesla owner tax rebates could total \$1.5bnClean Technica 19/08/2014. With a starting price of around \$70,000, the Tesla Model S costs more than twice the average new car transaction price in the US. Those well-off to be able to buy one though also get a generous \$7,500 Federal tax rebate, on top of any state incentives, taking a sizable chunk off of the MSRP even on the better-equipped versions. All this government money will add up, and by the time the \$7,500 tax credit phases out, Tesla owners could end up claiming more than \$1.5bn. By the time the Tesla Model III rolls out, there might not be many Tesla tax credits left. The IRS has imposed a 200,000 unit per manufacturer limit on the credit, of which Tesla owners may have claimed as many as 60,000 by the end of this year. It's hard to know for sure, as Tesla doesn't release detailed sales figures, so it's hard to know how many Teslas are sold in America, versus Europe, China, and the rest of the world. If Tesla manages to stick with its aggressive timeline though, it will produce 75,000 vehicles in 2015, and 100,000 in 2016. The IRS only says that the credit runs out after production of 200,000 plug-in vehicles, not 200,000 rebates, which means that by the time the \$35,000 Tesla Model III won't be eligible for that \$7,500 discount. More ...

http://cleantechnica.com/2014/08/19/tesla-owner-taxrebates-total-1-5-billion/It's cheaper to lease a new EV than buy a used oneClean Technica 19/08/2014. According to Wired, it costs less to lease a new EV than to **buy** a used one. Why? Let's follow the money trail. The federal government allows a tax credit of up to \$7500 when you, the consumer, purchase a new EV. But if you lease the EV, the credit goes to the manufacturer, not to you. Which is why you see such attractive lease deals available on EV's like the Nissan LEAF and the Chevy Volt. Today, you can lease a LEAF with \$2500 down for only \$199 per month. There aren't many used EV's out there for sale. Only the LEAF has been on the market long enough for some off lease used cars to be available. Chevy Volts will be winding up their 3 year lease period later this year. With so few cars on the market, there is very little data to calculate resale values accurately. Right now, Kelley Blue Book estimates a 2012 Leaf with 33,000 miles on the odometer will sell for \$15,000. If you put down 10% on a 4-year term at 4 percent interest, you will end up paying \$305 a month - \$100 more than the cost of leasing a brand new one. More ...

http://cleantechnica.com/2014/08/19/cheaper-lease-new-ev-buy-used-one/A gallon of tar sands oil can send an EV over 30 milesClean Technica 18/08/2014. The Alberta tar sands are an all-around environmental disaster, though its defenders will claim that the energy wrung out of the ground is worth it. A new report published over at Hybrid Cars, however, reveals that the energy it takes to produce just one gallon of gasoline from the Canadian tar sands could propel an electric car or plug-in hybrid for more than 30 miles. I'll readily admit that math isn't my strong point, and as with any report or

study on energy consumption, the Devil is in the details; some refineries are more or less efficient, closer or farther to the tar sands themselves, so on and so forth. But as a whole, the logic is fairly simple; digging up the tar sands and then separating the oil from everything else is an energy intensive process, each 42-gallon barrel of oil (of which only about half is actually converted into motor-grade gasoline) requires about 301 kWh of electricity to produce. More ... http://cleantechnica.com/2014/08/18/gallon-tar-sands-oil -can-send-ev-30-miles/Citi bike to expandClean Technica 17/08/2014. Bicycles are here to stay. Sometimes a bicycle gets you from here to there faster than the subway. Luckily, Citi Bike, NYC's bike-sharing programme, keeps growing. It is expanding due to increased funds. Very soon, Queens will have its first docking stations. Docking stations will also emerge in more areas of Brooklyn, such as the Williamsburg and Park Slope neighborhoods: as well as in Prospect Heights, Crown Heights, Red Hook, Long Island, and Manhattan (extending as far north as 130th Street). Conceivably, this increase in bicycle availability will result in additional bike paths as well. It could result in fewer crowds on the subway, too. The news describes a sizable pending financial deal, REQX Ventures, an affiliate of real-estate giant Related Cos, would be the one putting in an additional tens of millions of dollars. The increase will show the number of bikes close to twice as many as now, going from 6,200 to 12,000. Despite widespread use in NYC and 35 other US cities with bike-sharing programmes, after 23m rides, bike-sharing programmes across the country have not resulted in a single death since launch in 2007, as reported by Barbara Goldberg of Reuters. More ... http://cleantechnica.com/2014/08/17/citi-bike-to-expandto-queens-north-manhattan-williamsburg/Rail'Q Trains' carrying police to be deployed to tackle rail vandalsTelegraph.co.uk 18/08/2014, UK - Dummy commuter trains carrying police officers have been hauled out of retirement to tackle increasing numbers of yobs and vandals on Britain's railways. The Q Trains will carry police officers who can leap out to tackle trespassers as part of an undercover operation to target crime hotspots on the rail network. Network Rail will unveil annual figures on how much attacks on track and rolling stock are costing the national tax payer. Q Trains were first deployed in the 1980s. They look like normal service trains but are loaded with police who leap off to tackle yobs and vandals. Network Rail says they were rarely used now following a switch to fast response cars stationed by the tracks. But a summer-long purge dubbed Operation Intruder has seen the return of the dummy trains on route crime hotspots. British Transport Police say hundreds of children and young adults - up to 14 a day - risk their lives and those of rail passengers and staff every year by trespassing. More than half are aged 14 and 25 and the lighter evenings saw a surge in crimes such as vandalism. More ... http://www.telegraph.co.uk/news/uknews/road-and-railtransport/11041256/Q-Trains-carrying-police-to-bedeployed-to-tackle-rail-vandals.html3D laser mapping for French rail networkRail Journal 19/08/2014. French surveyors FIT ESIC are creating a 3D topographical map of track and lineside equipment for French National Railways (SNCF) using the StreetMapper LiDAR laser

surveying system developed by 3D Laser Mapping,

Britain. The device, which is mounted on a rail vehicle, is being used to scan several hundred kilometres of rail infrastructure and the data gathered from millions of individual laser-scanned measurements is used to generate engineering-grade survey data and a 3D topographical map of the track, catenary, and trackside area. SNCF says the data is being used to provide topographical inputs for studies into infrastructure enhancements, gauging, and electrification projects. FIT ESIC worked with 3D Laser Mapping to adapt the technology for rail use, identifying locations on the track for staff to measure control points, installing the device on the rail vehicle, and overcoming vibrations from the motion of the train. 3D Laser Mapping also developed specific algorithms for processing trajectories. Singapore reveals route for Eastern Region LineRail Journal 18/08/2014. Singapore Land Transport Authority (LTA) announced the alignment and station locations on August 15 for the Eastern Region Line (ERL), the island's sixth metro line, which will be operated jointly with the Thomson Line as the Thomson-East Coast Line (TEL). The nine-station ERL will link Sungai Bedok in the east with Marine Parade, Siglap, and Tanjong Rhu, running underground for its entire 13km length. Trains will run onto the Thomson Line to link eastern and northern districts of Singapore. The ERL will be built in two phases, with the seven-station Tanjong Bayshore section due to open in 2023 and the remainder of the line to Sungai Bedok scheduled for completion a year later. The 43km TEL will have 31 stations, seven of which will be interchanges. The line will reduce the iourney time between the East Coast and Orchard in the city centre from around 75 minutes by bus to around 45 minutes by train. More ... http://www.railjournal.com/index.php/metros/singapore-

reveals-route-for-eastern-region-

line.html?channel=542ShippingTranspacific lines to push for rate increaseCargo News Asia 19/08/2014. A container shipping organisation has urged companies to raise Asia-US freight rates by at least US\$600 per 40-foot container from September 1. This corresponds to an increase of 14.2% from current levels. TSA (Transpacific Stabilisation Agreement) said the planned increase follows strong cargo demand and high vessel utilisation levels in recent months, which forward bookings suggest will continue through September. Its members include 15 of the world's biggest container shipping lines such as Denmark's Maersk Line, a unit of A P Moller-Maersk, privately owned Switzerland-based Mediterranean Shipping Company (MSC), French privately held CMA CGM, China's Cosco Shipping, Korea's Hanjin Shipping and others. "Lines have made modest revenue gains to date this year, but they continue to struggle in terms of returning to profitability," TSA executive administrator Brian Conrad says in a statement. TSA had also urged its members to hike freight rates by \$600 per 40-foot container from August 1, but rates have rapidly eroded since then. More ... http://www.cargonewsasia.com/index.aspx/news/detail?i d=34110Stiff competition continues for ship financingCargo News Asia 18/08/2014. The largest finance hubs in Asia Pacific are working hard to attract more shipping companies and ship owners as competition hots up. "It is difficult to say whether Hong Kong is more important than Singapore as a ship finance centre," says David Cheng, honorary chairman

at Credit Agricole Ship Finance Asia, reported China Daily. No single place generates enough business to make it worthwhile for a bank to focus on shipping finance exclusively, says Cheng. Rather, banks typically take a regional approach. Hong Kong and Singapore have long dominated the industry, thanks to their role as global hubs and the large presence of shipping companies, ship owners and firms that provide ship financing - like banks, leasing companies and new entrants such as policy banks. Tokyo and Seoul are also important centres for ship finance. The competition between Hong Kong and Singapore has intensified and governments have taken steps to benefit from the growth of the industry. "The Singapore government has been very proactive in terms of attracting ship owners or ship management companies, and they have been very successful," says Cheng. More ...

http://www.cargonewsasia.com/index.aspx/news/detail?i d=34104Qinqdao port faces another lawsuitCargo News Asia 18/08/2014. China's third-largest terminal Qingdao Port International has received two lawsuits from global warehousing company Pacorini Logistics. Pacorini is claiming a total of US\$58.4m from Qiungdao Port, which is embroiled in an alleged financing scam. The port is already being sued by Citic Resources for \$108m. Qingdao Port is at the centre of a fraud investigation into a private metals trading firm, Decheng Mining, which allegedly duplicated warehouse certificates stored at the port to pledge a metal cargo multiple times as collateral for bank loans. The suspected financing scam has prompted global banks and trading houses, including Standard Chartered, HSBC and Mercuria Energy Trading, to fire off a series of lawsuits over their exposure that has topped \$900m. Pacorini Logistics, the metals warehousing arm of Glencore, has filed two legal proceedings against the Dagang Branch of Qinadao Port and Qinadao Honatu Logistics, the port savs. More ...

http://www.cargonewsasia.com/index.aspx/news/detail?id=34103

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