

# Sustainability Matters

16<sup>th</sup> August 2018

A fortnightly selection of topical **news and views** about economic, social and environmental issues.  
Designed especially for accountants and those who use the services of accountants.

**Sustainability Matters** is;

- Compiled and published by Ray Skinner of *Sustainability Matters*, providers of specialist services relating to sustainability and business support. **Business achieving a tomorrow for tomorrow's children.**

## New Zealand to Ban Single-use Plastic Bags

'Single-use plastic shopping bags are to be phased out over the next year, as the Government plans to crack down on the environmental villain.'

'Prime minister Jacinda Ardern and associate environment minister Eugenie Sage made the announcement at Lyall Bay, Wellington, on Friday morning [10<sup>th</sup> July 2018].

'Every year in New Zealand we use hundreds of millions of single-use plastic bags – a mountain of bags, many of which end up polluting our precious coastal and marine environments and cause serious harm to all kinds of marine life', Ardern said.

'We're phasing-out single-use plastic bags so we can better look after our environment and safeguard New Zealand's clean, green reputation.' ...

'Last year, the Bags Not campaign was launched by Stuff to bring awareness to the problem and highlight public support behind action.

'Ardern said plastic was the single biggest subject school children wrote to her about, and this year 65,000 New Zealander signed a petition calling for an outright ban on bags.

'Refusing to change would have meant there could be more plastic in the oceans by weight than fish by the year 2050, Ardern said.

'The Government has released a consultation document to work out exactly what types of bags could be captured by the ban. ...

**More:** [www.stuff.co.nz/environment/106160806/new-zealand-to-ban-single-use-plastic-bags](http://www.stuff.co.nz/environment/106160806/new-zealand-to-ban-single-use-plastic-bags) plus [www.stuff.co.nz/environment/106163275/why-the-government-is-planning-to-ban-plastic-bags](http://www.stuff.co.nz/environment/106163275/why-the-government-is-planning-to-ban-plastic-bags) and [www.mfe.govt.nz/plasticbags](http://www.mfe.govt.nz/plasticbags)

**Source:** Greenpeace, 10<sup>th</sup> August 2018

**Editor:** Submissions close 14<sup>th</sup> September 2018. ❖

## A Healthy Economy Should be Designed to Thrive, Not Grow

'What would a sustainable, universally beneficial economy look like? 'Like a doughnut', says Oxford economist Kate Raworth. In a stellar, eye-opening talk, she explains how we can move countries out of the hole – where people are falling short on life's essentials – and create regenerative, distributive economies that work within the planet's ecological limits.

**More:** [www.ted.com/talks/kate\\_raworth\\_a\\_healthy\\_economy\\_should\\_be\\_designed\\_to\\_thrive\\_not\\_grow](http://www.ted.com/talks/kate_raworth_a_healthy_economy_should_be_designed_to_thrive_not_grow) 15:41 TED2018, transcript in 11 languages, with reading list, footnotes and references with 1,054,396 views as at 13<sup>th</sup> August 2018

**Source:** Tim Marshall, 6<sup>th</sup> August 2018.

**Editor:** Kate is author of *Doughnut Economics* which is a component of the current NZ government's thinking. ❖

## SUSTAINABILITY WORKING GROUP

The SWG was the first ICANZ special interest group to have a video hookup between members in different locations. On 14<sup>th</sup> August 2001 there was a link between Auckland and Wellington; the first of many. Rachel Brown CEO of SBN presented on 'How accountants can assist businesses reduce their costs'. ❖

## The Reporting Exchange

'The Reporting Exchange is the most comprehensive source of information on sustainability reporting requirements and resources currently available.'

'It is a tool for people involved in preparing and delivering corporate sustainability, annual or integrated reports to help them navigate the often confusing world of corporate reporting.'

'The platform includes information on environmental, social and governance (ESG) reporting requirements and resources from 60 countries. You will find everything from mandatory regulation to supporting guidance, voluntary standards and stock exchange listing requirements.'

'The reporting world is complex. Over the past 25 years, there has been more than a ten-fold increase in the number of corporate reporting requirements on ESG issues. While these developments are welcome, they've made the world of corporate reporting fragmented. Lack of coordination makes it frustrating, overwhelming and time-consuming for companies to keep up.'

'The Reporting Exchange is THE global resource for sustainability reporting. It's a free, online platform which brings together corporate sustainability reporting requirements and resources from 60 countries for easy access. Built around a collaborative model, it provides space for people to contribute, share insights, good practice and learn from others. The platform is supported by a global community of experts.'

**More:** [www.wbcsd.org/Programs/Redefining-Value/External-Disclosure/The-Reporting-Exchange](http://www.wbcsd.org/Programs/Redefining-Value/External-Disclosure/The-Reporting-Exchange) plus [www.reportingexchange.com](http://www.reportingexchange.com)

**Source:** *SBC Weekly Pānui*, 2<sup>nd</sup> August 2018. ❖

## Resilience and Future Wellbeing Discussion paper

'The start of a conversation on improving the risk management and resilience of the Living Standards Capitals.'

'This paper is one of a series of Discussion Papers on wellbeing in the Treasury's Living Standards Framework (LSF). The papers on the relationship between the LSF and the Sustainable Development Goals, Financial/Physical Capital, and the note on the role of culture in the LSF are all Discussion Papers. The Discussion Papers are not the Treasury's position on measuring intergenerational wellbeing and its sustainability in New Zealand. Our intention is to encourage discussion on these topics.'

'There are marked differences in perspective between the papers that reflect differences in the subject matter as well as differences in the state of knowledge. The Treasury welcomes comments on these papers to help inform our ongoing development of the Living Standards Framework.'

**More:** <https://treasury.govt.nz/publications/media-statement/latest-treasury-papers-continue-wellbeing-discussion> plus <https://treasury.govt.nz/publications/dp/dp-18-05> 51 pages, 1.18Mb

**Source:** Ken Warren, The Treasury, 2<sup>nd</sup> August 2018

**Editor:** There are also papers about starting a conversation on the four capitals and the relationship between the Living Standards Framework and the SDGs. ❖

## Timber Mill Uses Wood Waste to Flip \$1m Loss into \$500,000 Profit

"A Rotorua-based timber 'super mill' is generating its own electricity in amounts sufficient to power a town the size of Whakatane.

"The Red Stag Timber Company, which annually processes more than one million tonnes of logs at its Waipa mill, is using its waste wood as renewable fuel rather than trucking it to landfill and paying for its disposal – avoiding an annual power bill of up to \$1 million in the process.

"Although the mill, considered one of the largest of its kind in the world, uses the power for its own purposes, the 7.5 megawatts of electricity produced is equivalent to the amount needed to power 7,000 households, according to the company's operations manager of energy and site services Shane Batchelor.

"With the average New Zealand home containing 2.7 people this would be enough for a town of about 19,000 like Whakatane....

"In other 'environmental' measures, Red Stag has installed LED lighting and compressed air systems and is looking at a system where the ash from its boilers can be processed into a product for soil conditioning instead of going to landfill....

**More:** [www.energyts.com/single-post/2018/08/09/SnippETS-for-9-August-2018](http://www.energyts.com/single-post/2018/08/09/SnippETS-for-9-August-2018) plus [www.nzherald.co.nz/eeca/news/article.cfm?c\\_id=1504219&objectid=12086229](http://www.nzherald.co.nz/eeca/news/article.cfm?c_id=1504219&objectid=12086229)

**Source:** *SnippETS*, 9<sup>th</sup> August 2018. ❖

## The Big Questions – What is New Zealand's Future?

"New Zealand is at a crossroads. People are increasingly concerned about where we are headed. Can we improve our appalling statistics on poverty and violence? What about work - will we all be replaced by robots? Will our children (let alone our grandchildren) be able to afford to buy a house? Can we clean up our rivers?

"This book looks at many aspects of our lives and our nation. Experts in their fields write about the challenges that face us and the opportunities we have to make changes for the better.

"A fascinating set of perspectives and ideas on our way of life and our future as a nation.

"Writers are: Dame Anne Salmond, Judge Andrew Becroft; Rod Oram; Jacinta Ruru; Felicity Goodyear-Smith; Tim Watkin; Patrick Reynolds; Jarrod Gilbert; Stuart McNaughton; David Brougham, Jarrod Haar & Yumiko Olliver-Gray; Golriz Ghahraman; Theresa Gattung; Peter O'Connor; and Leonie Freeman

**More:** [www.penguin.co.nz/books/the-big-questions-9780143772378](http://www.penguin.co.nz/books/the-big-questions-9780143772378) 304 pages, July 2018

**Source:** Editor, 6<sup>th</sup> August 2018. ❖

## SBN Leadership in Sustainable Business Course

"The SBN *Leadership in Sustainable Business* course is back, and better than ever! Combining cutting edge skills work and interactive exercises, it will leave you perfectly equipped to effect change within your organisation. You too can lead through sustainability.

"Are you:

- Implementing sustainability programmes or initiatives within an organisation?
- A change maker open to building new skills and ways of working to make a difference?
- An owner or manager of an organisation that is looking to disrupt, influence or inspire?
- Looking to connect with the emerging leaders of sustainability within New Zealand?

The course will be held on 5 days mid-Sept to mid-Nov.

**More:** <https://sustainable.org.nz/leadership-sustainable-business-course/>

**Source:** SBN, 7<sup>th</sup> August 2018. ❖

## Leading Businesses Back Study on NZ's Plastic Packaging System

"Ten leading [NZ] businesses are backing a new diagnostic study of New Zealand's entire plastic packaging system. The work will identify key challenges and interventions for the adoption of a circular economy approach to plastics.

"Bluebird Foods, Coca-Cola Amatil (NZ), Countdown, Earthwise, ecostore, Freedom Farms, Lewis Road Creamery, My Food Bag, New Zealand King Salmon, and New Zealand Post are all backing the study. It is being completed by the Sustainable Business Network's Circular Economy Accelerator (CEA), with widespread support from across the packaging sector. ....

"There is a vast array of packaging options out there, with more coming on stream all the time. There is a limited on-shore end of life solutions. Regulation has yet to catch up with the scale of the issue. Businesses and the public want to make the right decision with their packaging choices. But the current situation is confusing and frustrating situation for everybody.'

"The widespread support for the diagnosis is an acknowledgment that no one organisation can tackle the plastics issues alone. There is a willingness from organisations to collaborate to find viable, long term solutions. ...

"James says: 'Plastics are the canary in the coal mine that everyone can hear right now, but there are flocks of them. We have a lot to do to get the circular economy off the ground. Tackling the issues with plastics will be a significant piece of the puzzle.'

"The results of the study will be made public in October.

**More:** [www.circulareconomy.org.nz/leading-businesses-back-study-on-nzs-plastic-packaging-system](http://www.circulareconomy.org.nz/leading-businesses-back-study-on-nzs-plastic-packaging-system)

**Source:** SBN, 6<sup>th</sup> August 2018. ❖

## Sustainability Knowledge

"New research published 24<sup>th</sup> July 2018 by the Supply Chain Sustainability School of Australia has revealed a significant jump in the importance of sustainability knowledge for property, construction and infrastructure businesses, with 63% of respondents reporting it has become more important over the past twelve months; up 11% from last year.

"These findings from Australia's leading sustainable supply chain educator confirm sustainability across property and infrastructure supply chains is becoming a higher priority, with businesses recognising the need to upskill their workforce and suppliers in order to meet their own goals and align with the requirements of customers.

**More:**

[www.supplychainschool.org.au/about/news/132/Results-of-the-Schools-2018-Annual-Member-Survey](http://www.supplychainschool.org.au/about/news/132/Results-of-the-Schools-2018-Annual-Member-Survey) plus [www.supplychainschool.org.au/documents/reports/Full%20Research%20Results%20School%202018%20Annual%20Member%20Survey.pdf](http://www.supplychainschool.org.au/documents/reports/Full%20Research%20Results%20School%202018%20Annual%20Member%20Survey.pdf) 36 pages, 499Kb and [www.climatecontrolnews.com.au/news/latest/sustainability-knowledge-growing-in-importance](http://www.climatecontrolnews.com.au/news/latest/sustainability-knowledge-growing-in-importance)

**Source:** CSEAR, 14<sup>th</sup> August 2018

**Editor:** The general findings of this report could also be of value in other sectors including accounting and finance e.g.;

"However, realising a higher level of sustainability knowledge across a workforce can prove challenging, with employees sometimes slow to engage with sustainability activities and learning and reluctant to change behaviour. According to the School's members, one of the most effective ways to motivate employees in this space is good communication; ensuring clear links are made to project outcomes, organisational objectives, and career development. Furthermore, they suggest sustainability needs to be embedded within 'business as usual', and this approach has helped boost engagement with the School's sustainability learning resources. ❖

## Fossil Free Acceleration Tour

"In May 2018, co-founder of 350.org, Bill McKibben stopped by Aotearoa New Zealand on the first leg of his Fossil Free Acceleration Tour. The tour sought to encourage and promote the incredibly powerful work that is happening worldwide in the Fossil Free movement.

"Bill talked alongside local climate leaders Mahina-a-rangi Baker, Rosemary Penwarden, Teanau Tuiono, Erica Finnie and Karlo Mila at two speaking events in Wellington and Auckland. These events re-launched the Fossil Free movement presenting the 3 new demands (read more about those at the website).

"Whilst in New Zealand, Bill also met with local climate leaders, ministers, union leaders, church leaders and business people to discuss the urgency of climate change and the prospect of a just and fast transition to 100% renewable energy. ....

**More:** Videos and text <https://350.org.nz/fossil-free-acceleration-tour/> plus <https://350.org.nz/fossil-free-acceleration-tour/?akid=48816>

**Source:** 350.org NZ

**Editor:** Text of 'Poem for the Commonwealth' is at <https://350.org.nz/karlo-milas-poem-for-the-commonwealth/>. ❖

## New Guidance for Companies to Report Their Impact on the SDGs

"A 'Practical Guide' to enable companies to better measure and report on their impact on the Sustainable Development Goals (SDGs) was released today [1<sup>st</sup> August] by the Global Reporting Initiative (GRI) and the United Nations Global Compact.

"The new publication, *Integrating the SDGs into Corporate Reporting: A Practical Guide*, helps companies of all sizes to prioritize SDG targets to act and report on, set related business objectives, and measure and report on progress.

"The 17 SDGs are anticipated to generate over US\$12 trillion worth of savings and revenue by 2030, which makes thousands of small and large companies around the world well incentivized to work towards achieving the goals. But until now, the lack of a uniform methodology for measuring and reporting on their contributions to the Global Goals had become a stumbling block.

"Developed with support from Shift and PwC – and as part of the Action Platform on Reporting on the SDGs – this new Practical Guide completes a toolkit that aims to boost and improve businesses' reporting on the Global Goals and their efforts to achieve the 2030 Agenda.

"Effective corporate reporting is key to building trust and aligning investment through transparency and accountability.....

**More:** [www.csrwire.com/press\\_releases/41248-New-Guidance-for-Companies-to-Report-Their-Impact-on-the-Sustainable-Development-Goals](http://www.csrwire.com/press_releases/41248-New-Guidance-for-Companies-to-Report-Their-Impact-on-the-Sustainable-Development-Goals) plus [www.globalreporting.org/resourcelibrary/GRI\\_UNGC\\_Reporting-on-SDGs\\_Practical\\_Guide.pdf](http://www.globalreporting.org/resourcelibrary/GRI_UNGC_Reporting-on-SDGs_Practical_Guide.pdf) 32 pages, 1.07Mb

**Source:** David Living, 5<sup>th</sup> August 2018. ❖

## Rivers in the Sky: How Deforestation Is Affecting Global Water Cycles

"Every tree in the forest is a fountain, sucking water from the ground through its roots and releasing vapour into the atmosphere through pores in its foliage. This week at *Yale Environment 360*, our contributing writer Fred Pearce reports on a growing body of research suggesting that as we shave the planet of trees, this massive deforestation could disrupt the movement of water in the atmosphere, which can cause major shifts in precipitation thousands of miles away. This, researchers say, could lead to drought in key agricultural areas in China, India, and the U.S. Midwest, dry up the Nile, or even hobble the Asian monsoon.

**More:** <https://e360.yale.edu/features/how-deforestation-affecting-global-water-cycles-climate-change> plus <https://wriorg.s3.amazonaws.com/s3fs-public/ending-tropical-deforestation-tropical-forests-climate-change.pdf> 14 pages, 883kb

**Source:** *Yale Environment 360*, 27<sup>th</sup> July 2018. ❖

## Regenerative Qualities of WholeTrees©

"WholeTrees© Architecture and Structures makes structural systems from small-diameter tree trunks and their branching portions which can be used as substitutes for milled lumber or steel in many building types, both residential and commercial. Because it has engineered a higher market value for what would otherwise be a low value by-product of sustainable forest management, WholeTrees© has at the same time created an elegant solution for the otherwise extractive forest products industry to thrive as an active participant in the transition to a regenerative economy. ....

"WholeTrees© purchases small diameter trees from state lands and from contractors which are thinning forests, and also harvests it from its own forests. It then works with architects and general contractors to create the engineered plans for construction that will meet local building code standards. The company's structured products use patented connections that leverage the superior strength of round, unmilled timber to span spaces that in the past have only been spannable by steel or expensive, glue-laminated products. In recognition of its innovative technology, ...

**More:** <http://fieldguide.capitalinstitute.org/whole-trees.html> Numerous other examples of regenerative economy initiatives at <http://fieldguide.capitalinstitute.org/>

**Source:** Natural Capitalism Solutions (Hunter Lovins) 2<sup>nd</sup> August 2018. ❖

## Modern Slavery Act 2018 - Australia

"The Australian Government has committed to stamp out modern slavery, an egregious human rights violation that affects around 40 million people worldwide, half of which are located in Asia-Pacific. Modern slavery comprises practices such as human trafficking, slavery, forced labour, child labour, and slavery-like practices.

"Both the Commonwealth and the New South Wales governments have introduced legislation to combat modern slavery, by requiring certain entities to publish a public report on the actions they are taking to identify and if found, remove any instances of modern slavery from their operations and supply chains.

"We have prepared the advisory note to update you on the main elements of the legislation and provide recommended steps to prepare for it.

"[Page 2] Forced labour in the private economy generates \$150 billion in illegal profits per year and made approximately 16 million victims in 2016 across 167 countries.

"The Commonwealth intends the legislation will create the conditions for a 'race to the top' culture which will encourage organisations to combat modern slavery in their operations and supply chains. Without being too prescriptive, the Government wants best practice approaches to surface, while exposing laggards; pressuring them through public scrutiny.

**More:** <http://blog.deloitte.com.au/tag/modern-slavery/> plus <http://go.deloitte.com.au/IOP0QIH0upRI3c3q0N0BL03>

**Source:** Paul Dobson, Deloitte, 31<sup>st</sup> July 2018

**Editor:** As well as Australian entities this might have ripple impacts on NZ entities which are part of the supply chain of Australian companies. ❖

## Supply Chain Sustainability School Australia

The Supply Chain Sustainability School was established in 2015 to increase sustainability knowledge and competency along the construction and infrastructure supply chains. With an emphasis on supporting small-to-medium enterprises, the School provides free e-learning, information and face-to-face training for construction and infrastructure suppliers, contractors and service providers. Companies signing up can access a wealth of free resources and tools to meet increasing sustainability demands and performance benchmarks, and to help build clever, collaborative and competitive construction and infrastructure sectors:

**More:** [www.supplychainschool.org.au](http://www.supplychainschool.org.au)

**Source:** Editor via CSEAR, 14<sup>th</sup> August 2018. ❖

## What if Economic Growth Isn't as Positive as You Think?

"If we don't quickly create a new economy that isn't based on constant expansion, we're going to run out of planet.

"When Donald Trump says 'Make America Great Again', he's alluding, at least in part, to the promise of economic growth. Just as when Bill Clinton said, 'it's the economy, stupid', he was really saying that 'it's about economic growth, stupid'. This is the Golden Promise of politics: more economic growth. Golden, because it is effortlessly translated in voters' minds to mean more jobs, more money in the economy, and therefore more income in everyone's pockets. Because economic growth is, obviously, a thing greatly to be desired.

"Equally obvious is the knowledge that no economic growth is a bad thing. When economies and companies don't grow, they stagnate and falter. Which means fewer jobs, lower wages, less money to invest, more business shut downs, and bankruptcies. In short, more misery for all.

"It's all so obvious, right? It's one of the precious few things we can all agree on in this fractious age.

"But there are some new strains of thought that take a more nuanced and sophisticated view of growth. That say, yes, all other things being equal, economic growth is a positive thing. But all other things are not equal. There's no such thing as a free lunch, and, for all its positives, economic growth has a dark side; its ecological impact. The impacts of our ever-growing economy have become so stark and so widespread that they are by any sane measure portents to catastrophe. Whether it's the fact that Antarctic ice is now melting three times faster than we thought, or the unfolding 'biological annihilation' that has already wiped out 50% of all animals and up to 75% of all insects, or the fact that, in spite of all this, we are pumping out CO2 at record levels, it takes wilful ignorance or a blinding ideology to deny the severity of the crisis.

"This creates a terrible paradox: Economic growth keeps economies stable today, but threatens not just future growth but medium-term social and civilizational cohesion, and ultimately the very capacity of this biosphere to sustain life. A paper published in the Proceedings of the National Academy of Sciences last year suggested 'the window for effective action is very short, probably two or three decades at most'. And that even this dire prediction is considered 'conservative' by the authors, 'given the increasing trajectories of the drivers of extinction'. In terms of practical politics, that means acting immediately, preferably yesterday.

"Most politicians deal with this paradox by ignoring it. It's by far the easiest option; ....

"These are conditions that can be worked with. They show there is a large and growing instinct out there that thinks that we need fundamental change to the way we do economics. Not tweaking around the edges, but fundamental change at the very roots of the global economy. There is no neat or reliable evidence to suggest challenging infinite growth is at the top of peoples' minds, or likely to be a particularly easy sell. But there is significant doubt in growth-at-all-costs capitalism, and that is an opportunity for innovation. Combine that with the new thinking coming out of places like the Wellbeing Alliance, and you can start to sense the causes and conditions may well be aligning in favour of the emergence of wholly new, post-growth economies. It cannot come soon enough.

**More:** [www.fastcompany.com/90202203/what-if-economic-growth-isnt-as-positive-as-you-think](http://www.fastcompany.com/90202203/what-if-economic-growth-isnt-as-positive-as-you-think)

**Source:** Tim Marshall, 18<sup>th</sup> July 2018

**Tim adds:** It's not so much the message – which has been around for a while – it's the medium it which it appears, whose very name suggests unbridled growth, that is perhaps most interesting here. Plus; 'Warning: Story contains traces of New Zealand'. ❖

## Captured Plastic Recycled into Floating Parks

"In Rotterdam, a city on the Netherland's North Sea coast, there's a fascinating new public space made out of recycled materials for the residents to enjoy – and it's built over water. ....

"The recycled plastic is constructed into hexagonal pods, which mimic the landscape of Rotterdam's Maas River before humans altered the landscape, ...

"The pods can be used to create gardens, as habitat for wildlife, or for chilling out, and they can be moulded into different seating arrangements. ....

"... the plastic dumped into the city's canals is collected by 'litter traps' which prevent plastic from flowing into the ocean. .... pictures of the prototype which opened 4<sup>th</sup> July....

**More:** [www.businessinsider.com.au/rotterdam-floating-park-made-out-of-recycled-plastic-waste-2018-7](http://www.businessinsider.com.au/rotterdam-floating-park-made-out-of-recycled-plastic-waste-2018-7) and <http://recycledpark.com/introduction.htm>

**Source:** Craig Skinner, Facebook, 6<sup>th</sup> August 2018. ❖

## Meet the Growing Source of GHG Emissions

"A new study just released [18<sup>th</sup> July 2018] warns together, the world's five largest meat and dairy corporations (JBS, Tyson, Cargill, Dairy Farmers of America and Fonterra) are already responsible for more annual greenhouse gas emissions than ExxonMobil, Shell or BP.

"The combined emissions of the top 20 meat and dairy companies surpass the emissions of entire nations such as Germany, Canada, Australia or the United Kingdom, the report revealed.

"*Entitled Emissions impossible – How big meat and dairy are heating up the planet*, the report published by the Institute for Agriculture and Trade Policy (IATP) and NGO Grain aims to highlight the climate impact of the meat and dairy industry.

"Unlike their counterparts in the energy sector, the big meat and dairy companies have thus far escaped public scrutiny of their contribution to climate change.

"The lack of public information on the magnitude of their greenhouse gas footprints is one contributing factor', the study said.

"It asked the world's 35 largest beef, pork, poultry and dairy companies to quantify their GHG emissions. Only four companies, NH Foods (Japan), Nestlé (Switzerland), FrieslandCampina (the Netherlands) and Danone (France), provided complete, credible emissions estimates, it explained.

"Geographically speaking, most meat and dairy emissions come from the major meat and dairy exporting regions: the US and Canada; the European Union; Brazil and Argentina; and Australia and New Zealand, the report said.....

**More:** <http://econews.com.au/58242/meet-the-growing-source-of-greenhouse-gas-emissions/> plus [www.grain.org/article/entries/5976-emissions-impossible-how-big-meat-and-dairy-are-heating-up-the-planet](http://www.grain.org/article/entries/5976-emissions-impossible-how-big-meat-and-dairy-are-heating-up-the-planet) links to report; 28 pages, 3.16Mb

**Source:** *eco-News*, 20<sup>th</sup> July 2018

**Editor:** This report puts in context the contribution to agricultural GHG emissions and incorporates Scope 1, 2 and 3 emissions, with Scope 3 being the lion's share [page 5] with Fonterra/NZ being in the top 5. NZ needs to cut production [page 16]. The industry's political influence extends to the international arena, as can be seen from its involvement in the Global Research Alliance on Agricultural Greenhouse Gases (GRA), launched by New Zealand at the 2009 climate talks in Copenhagen in an attempt to influence outcomes on agriculture within the UN climate negotiations. [page 15]. ❖

Contributions and feedback are welcomed.

Send your news items, handy hints, case studies, suggestions, comments and questions to Ray Skinner of *Sustainability Matters*.  
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