

# Sustainability Matters

30<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.**

## A Powerhouse in Responsible Investment – Tessa Tennant Obituary

"Key player in the world of green finance who co-founded the Merlin Ecology Fund.

"Tessa Tennant, who has died of cancer aged 59, was led by her ruling passions into a position of huge influence in the world of green finance. Realising the need to reconcile planetary limits with the power of directing investment, for 30 years she was at the forefront of a movement that has encouraged fund managers to invest money in a more socially and environmentally responsible fashion.

"Tessa co-founded the UK's first green investment fund, the Merlin (now Jupiter) Ecology Fund, in 1988. She was later head of responsible investment at NPI (now part of Janus Henderson Investors), where she managed massive amounts of institutional money on socially and environmentally responsible lines – for instance by refusing to take shares in high-polluting companies or those involved in child labour.

"In 1991 she co-founded the UK Social Investment Forum, which lobbied for the wider adoption of responsible investment in Britain. She was also involved in setting up what is now the United Nations Environment Programme Finance Initiative, an alliance of more than 200 financial institutions ....

**More:** [www.theguardian.com/business/2018/aug/02/tessa-tennant-obituary](http://www.theguardian.com/business/2018/aug/02/tessa-tennant-obituary)

**Source:** CSEAR, 21<sup>st</sup> August 2018

**Editor:** Stunning achievements in the UK and well beyond. ❖

## True to Label

"A major research report looking at how value is measured in the non-profit sector in Aotearoa New Zealand.

"Written by John Page, Sport New Zealand's governance consultant it looks at 55 organisations including 15 sport and recreation bodies. Examining publicly available documents, it asks how an interested party can tell what has been achieved using time and money provided by others.

"It is ultimately intended to be helpful, assisting organisations tell their story better in a complex and changing world.

"I am going to make this mandatory reading for the boards I am involved in, such is the value, power and clarity of some of the messages in here' - Craig Fisher, Audit Partner and Chairman RSM Hayes, writing in the foreword.

**More:** <https://sportnz.org.nz/managing-sport/search-for-a-resource/news/true-to-label> plus <https://sportnz.org.nz/assets/Uploads/True-to-Label-7-20-PRINT.pdf> 52 pages, 7.77Mb

**Source:** Charities Services Sector Newsletter, 24<sup>th</sup> August 2018

**Editor:** Although written especially for large sports and similar charities the issues apply to all sectors and all sizes (Tier 1 to Tier 4) and notes 'None of this is easy'. ❖

## 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'. ❖

## Bottle Deposits – Coming Soon After Plastic Bag Ban?

".... A bottle deposit scheme, also known as a Container Deposit Scheme, could take those 800 million landfilled and littered bottles and recycle them effectively. It's tragic to think we had the legislation for these in 2008 that could have already prevented billions of new plastic bottles from being made.

"If Jacinda and Simon are paying attention to the zero-waste mood of New Zealanders, they'll be following the bag ban with bottle deposits, soon. We could have a circular economy, reusing plastic to care for the sea, cut emissions and create jobs easily.

"Although there have been questions about how the bag ban will work, bottle deposits have got their answers sorted. Germany's system gets 98% recycling of plastic bottles while South Australia's community-based model earns the Scouts \$22 million/year running three collection depots.

"And of course, half the [NZ] population has fond memories of finding bottles for pocket money as kids in the 60s,70s, 80s. That makes it no surprise that a poll on *Stuff* showed 91% public support for incentivised recycling. Two cost-benefit reports show huge environmental, economic and social benefits convinced 93% of councils to vote for them as well.

"So just like the bag ban, let's make some noise for bottle deposits. Our politicians need to know that there's no time to waste. Bottle deposits are the next step in caring for our oceans, land and communities.

"Sound like a worthy celebration?

**More:** <https://kiwibottledrive.nz/bottle-deposits-a-round-of-drinks-to-celebrate-the-plastic-bag-ban/>

**Source:** ActionStation, 25<sup>th</sup> August 2018. ❖

## France to Set Penalties on Goods Packaged with Non-recycled Plastic in 2019

"France plans to introduce a penalty system next year which would increase the cost of consumer goods with packaging made of non-recycled plastic, part of a pledge to use only recycled plastic nationwide by 2025, an environment ministry official said on Sunday.

"Brune Poirson, secretary of state for ecological transition, said the move was one of several to be implemented in coming years, including a deposit-refund scheme for plastic bottles. Declaring war on plastic is not enough. We need to transform the French economy', she told the *Journal du Dimanche*.

"Under the new plan, products with recycled plastic packaging could cost up to 10%, while those containing non-recycled plastic up to 10%, Ms Poirson said. ....

"The French government also aims to increase taxes on burying trash in landfills while cutting taxes for recycling

operations, ...

"The European Commission also wants to sharply cut down on single-use plastic objects, announcing in May rules requiring the use of alternative materials and incentives for businesses.

"Plastic production has soared more than 40% globally over the past 10 years, mainly for packaging.

**More:** [www.telegraph.co.uk/news/2018/08/12/france-set-penalties-goods-packaged-non-recycled-plastic-2019/](http://www.telegraph.co.uk/news/2018/08/12/france-set-penalties-goods-packaged-non-recycled-plastic-2019/)

**Source:** Carbon News, 15<sup>th</sup> August 2018. ❖

## Ensuring a Fit for Purpose Charities Act

"Minister for the Community and Voluntary Sector, Peeni Henare, has launched [24<sup>th</sup> May 2018] a comprehensive review of the Charities Act.

"The Charities Act 2005 regulates more than 27,000 charities in New Zealand, and as it has been in place for more than a decade it is now time to see if it's fit for purpose", Peeni Henare said.

"A lot has changed in the charities sector, and it is important to make sure the Act is still working well ... for all .....

"This is a great opportunity to take a look at the legislation which guides charities. ....

"The following matters are also outside scope:

- The definition of 'charitable purpose';
- Tax exemptions .... ;
- Regulation of the broader not-for-profit sector; and
- Contracting arrangements for government services.

"While tax exemptions sit outside scope of this review, the Tax Working Group may consider the tax treatment of charities in its work. Any interim findings of the Tax Working Group relevant to charities would be considered as part of this review.

"The review is currently in its pre-consultation phase. .... We've had really useful feedback on all kinds of issues from reporting requirements to the appeals mechanism to the law around advocacy. Thanks everyone for your input to date. All of this information will feed into the public discussion document to be released later this year.

**Pre-Consultation:** May to October 2018

**Consultation:** October to December 2018

**More:** <http://createsend.com/t/j-B34CB70CFA1C666C2540EF23F30FEDED> plus [www.beehive.govt.nz/release/ensuring-fit-purpose-charities-act](http://www.beehive.govt.nz/release/ensuring-fit-purpose-charities-act) and [www.dia.govt.nz/vwluResources/CharitiesReviewTOR/\\$file/CharitiesReviewTOR.pdf](http://www.dia.govt.nz/vwluResources/CharitiesReviewTOR/$file/CharitiesReviewTOR.pdf)

**Source:** Charities Services Sector Newsletter, 24<sup>th</sup> Aug. 2018

**Editor:** The matters outside the scope of the review are particularly important; as are those within. It seems all charities should carefully consider the opportunities provided by the review and at the very least make themselves conversant with the issues. ❖

## Think Resilience Guided Course

"The *Think Resilience Guided Course* with Security & Sustainability Forum includes access to the Think Resilience video lessons (about four hours of viewing material), plus weekly, hour-long group webinars featuring the host of the *Think Resilience* videos, Richard Heinberg, and moderated by Ed Saltzberg (SSF).

"You also get access to full lesson transcripts, suggested follow-up resources, and discussion forums where you can interact with other students on the topics covered. ....

**When:** 6 weeks 9<sup>th</sup> October to 13<sup>th</sup> November, 2018.

**More:** <https://education.resilience.org/product/think-resilience-guided-course-with-ssf/>

**Source:** Post Carbon Institute, 17<sup>th</sup> August 2018

**Editor:** A 10 page overview of the course merits reading. ❖

## Living the Change – Inspiring Stories for a Sustainable Future

"Sustainable Movie Night. *Living the Change* explores solutions to the global crises we face today – solutions any one of us can be part of – through inspiring stories of people pioneering change in their own lives and in their communities in order to live in a sustainable and regenerative way.

**When/Where:** 5:30 - 8:00 pm, 28<sup>th</sup> September, Auckland

**More:** [www.nzgbc.org.nz/events/Event?Action=View&Event\\_id=678](http://www.nzgbc.org.nz/events/Event?Action=View&Event_id=678) plus <http://happenfilms.com>

**Source:** NZGBC, 24<sup>th</sup> August 2018. ❖

## Changes to NZ's Rubbish Strategy

"The Greens fired a second shot in their war on waste at their party conference in Palmerston North over the weekend [18-19<sup>th</sup> August 2018], announcing plans to increase the waste levy, improve plastic recycling capacity, and introduce mandatory product stewardship schemes.

"Sage said it was time for 'a radically different approach'.

"We must use circular economy principles to design waste out of the system", she said.

"Currently the \$10 per tonne Waste Disposal Levy only applies to 11% of New Zealand's 420 landfills and just 30% of the waste stream going into those landfills.

"The levy was introduced in 2009 as a result of a Green Party private member's bill. Landfill operators pay \$10 per tonne on rubbish disposed of at their facilities, but it only applies to consented class 1 facilities which receive household waste, so most landfills are exempt.

"The current waste levy is extremely low by international standards. Australia's levies are up to \$133 per tonne, and European countries charge up to \$300. Sage would not be drawn on what an appropriate levy would be.

"Sage said she expects to expand the levy as well as the number of landfills on which it is levied. The changes will be in place by 2020 after a public consultation. ....

"Sage also announced plans for mandatory product stewardship. Product stewardship means everyone from manufacturer to retailer to consumer takes responsibility of the product throughout its life.

"Currently there are 15 voluntary product stewardship schemes, Sage would add an unknown number of mandatory schemes, including one for tyres.

"New Zealand creates 4.6 million end-of-life tyres each year. Right now, an estimated 70% of them are either stockpiled, sent to landfill, or illegally dumped", Sage said. ....

**More:** [www.newsroom.co.nz/2018/08/19/198680/greens-war-on-waste](http://www.newsroom.co.nz/2018/08/19/198680/greens-war-on-waste) plus <https://3r.co.nz/a-circular-future-with-stewardship-at-the-centre/>

**Source:** TV1, 19<sup>th</sup> August 2018. ❖

## The World Is In a Plastic Pollution Crisis

"We know plastics are choking our oceans, and putting the creatures that call it home at risk. Around the world, people and governments are taking action. They're taking bold actions to end the flow of single-use plastic pollution.

"Powerful corporations want to increase production by 40% over the next decade. But in New Zealand, our Government has no plan.

"We won the ban on bags, but that was always just the beginning. Now we need a vision and a plan to tackle the scale of plastic pollution in Aotearoa, forcing corporate polluters to clean up their act.

"Thousands of us have created together Plastic-Free NZ – a visionary plan for the future of our country and our oceans.

"Now, let's get everyone on board – and together we can make this a reality! Join our movement today!

"The 4 point plan;

- Ban the avoidables .....
- Bottle deposit schemes everywhere .....
- Plastic pollution levy .....
- National reduction targets .....

"... based on these 4 principles & solutions;

- Recycling isn't enough .....
- Refill nation .....
- Polluters pay .....
- Leading the world ....

**More:** [www.greenpeace.org/new-zealand/act/plastic-free-nz/](http://www.greenpeace.org/new-zealand/act/plastic-free-nz/)

**Source:** ActionStation, 25<sup>th</sup> August 2018. ❖

## **Sustainable Home Renovations**

"Learn how to create healthy living spaces. This three-part seminar will give you lots of practical tips for renovating or extending your home. You will learn how to create healthy living spaces which are energy efficient, save water, improve your quality of life and save you money in the process! Bring your own house plans and we'll discuss all the options for best results at lowest costs.

"Tutor Johann Bernhardt lectures on sustainable design and building at the School of Architecture at the University of Auckland). He is editor of *A deeper shade of Green – sustainable urban development, building and architecture in New Zealand*. His New Zealand projects have featured on TV and in magazines.

**When/Where:** 10:00 to noon, 13<sup>th</sup>, 20<sup>th</sup> and 27<sup>th</sup> Oct, Auckland  
**More:** <http://kaipatiki.org.nz/courses/sustainable-home-renovations/>

**Source:** Kaipatiki Project, 20<sup>th</sup> August 2018. ❖

## **Trust: A Cornerstone of Wellbeing – The Building Blocks for a Flourishing Society**

"That trust is a cornerstone of wellbeing is something most people will intuitively feel to be true. Trust is instrumental in creating social cohesion and can be viewed as the glue that holds many different types of relationships together, yet it appears to be under attack in many quarters. The 2018 Edelman Trust Barometer titles its report 'the battle for truth' and we are beset with ideas like 'fake news'. Arguably, some leaders are encouraging us not to trust in traditional sources. What is interesting is that many of the factors that underpin trust apply to both the personal and the broadly political, especially in the realm of wellbeing. ....

"In conclusion, it is worth re-emphasising a few points. First, the building blocks of trust apply to both individuals and organisations alike. Second, trust is dynamic and is therefore something that needs to be revisited, readjusted and recalibrated at various points. Third, a key mechanism to enable this is a reflection both on an individual and institutional level. Leaders who reflect will be more open and ethical in their approach. Institutions which enable reflection have cultures that are accessible and supportive. Those that do not reflect are in danger of becoming hermetically sealed and toxic.

"Crucially, the final message is these elements must develop together. A better trust relationship allows for more openness and better quality reflection, and in doing so it is more likely to lead to higher levels of trust. Overall, this increases wellbeing. It can be a virtuous circle and is a path that New Zealand would do well to continue down.

**More:** <https://www2.deloitte.com/content/dam/Deloitte/nz/Documents/public-sector/Deloitte-NZ-SotS-2018-Article-7.pdf> 8 pages, 1.68Mb

**Source:** David Kettle, 14<sup>th</sup> August 2018.

**Editor:** This is the 7<sup>th</sup> of 8 thought pieces on the State of the State New Zealand 2018. The other 6 may be found at <https://www2.deloitte.com/nz/en/pages/public-sector/topics/state-of-the-state.html>. ❖

## **Should Rivers Have Rights? A Growing Movement Says It's About Time**

"This week at *Yale Environment 360*, Chilean environmental activist Jens Benöhr and U.S. environmental lawyer Patrick Lynch examine the growing international movement to give rivers a form of legal 'personhood'. Inspired by indigenous views of nature, a small but growing number of courts and legislatures – including in New Zealand, Colombia, and India – have bestowed legal rights upon rivers as a way to help reverse centuries of damage inflicted upon the world's waterways. But as Benöhr and Lynch write, difficult questions remain, including the broad issue of what exactly does it mean for a river to have rights and who should advocate on its behalf?

**More:** <https://e360.yale.edu/features/should-rivers-have-rights-a-growing-movement-says-its-about-time>

**Source:** *Yale Environment 360*, 17<sup>th</sup> August 2018. ❖

## **New Act, New Approach, New Business**

"After years of slow progress in climate policy, the new government has set New Zealand on a path of profound change. A Climate Commission will plan and monitor the transition to net zero by 2050. This bold target implies fundamental disruption to business as usual. We can expect big land use changes and the rapid deployment of new technologies and innovations across the economy and society.

"The Sustainable Business Network's 2018 conference will reveal the implications of these changes. Ministers will present a stock-take of progress in the plenary and we'll run focused workshops on the more challenging issues. The Paris rulebook, the responsibilities of managers and directors, new financial reporting norms and sources of transition financing will all be explored by experts.

"Adaptation risks for New Zealand are burgeoning with big implications for communities and insurers.

**When/Where:** Tues/Wed 9<sup>th</sup> and 10<sup>th</sup> October, Auckland

**More:** <https://sustainable.org.nz/sustainable-business-events/climate-change-business-conference/>

**Source:** SBN, 17<sup>th</sup> August 2018. ❖

## **Plant-Based Butter Made From Chickpeas**

"There are some ingredients we expect to have in our kitchen. Cooking oils, spices, and butter are some of the core items we reach for no matter what meal we're preparing. If you're curious about a plant-based diet, or just want to reduce your animal consumption, you might already be familiar with options like tofu and nut milks. But when it comes to replacing butter, what are your options? Perhaps surprisingly, there are a growing number of plant-based butters on the market.

"Chickpea butter is the latest innovation in plant-based butter. The brand, FabaButter, uses aquafaba to make their vegan butter. What is aquafaba? It's the liquid that comes in a can of chickpeas. It's used in a number of plant-based cooking hacks. For example, as an egg replacer in baking.

"And now, it's apparently the secret ingredient to a really wonderful butter alternative. FabaButter is made by Fora Foods and originates in Brooklyn [ USA]. Even the way they make the vegan butter is sustainable. The aquafaba comes from their hummus leftovers. Other ingredients for the dairy-free butter include coconut oil, coconut cream, sunflower oil, and seasonings. The coconut is likely what gives the right amount of fat, while the chickpeas are responsible for the creaminess. ....

**More:** [www.greenmatters.com/food/2018/08/16/Z1vzyh0/plant-based-chickpea-butter](http://www.greenmatters.com/food/2018/08/16/Z1vzyh0/plant-based-chickpea-butter)

**Source:** Editor, 18<sup>th</sup> August 2018. ❖

## **Half-price Solar for Victorians**

"The Victorian state premier Daniel Andrews said from Sunday [19<sup>th</sup> August] the government would pay \$4,550 upfront to install the rooftop panels, and households would then be required to repay half the cost over a four-year period in an interest free loan.

"The Solar Homes scheme is available to owner-occupied homes valued at less than \$3 million, with a combined household income of less than \$180,000.

"Under the plan, solar panels would be installed on 650,000 homes over 10 years. .... households save up to \$890 a year on their power bills. The government has also promised to invest \$9 million for the accreditation of 4,500 electricians to install the solar panels. ...

"Adding an extra 2,000 megawatts of solar beyond what was expected to happen will lower energy bills for all Victorian households and businesses by pushing new clean energy into the power grid.' ....

**More:** <http://econews.com.au/58492/victorians-get-half-price-solar-under-labor-state-government-scheme/>

**Source:** *eco-News*, 20<sup>th</sup> August 2018. ❖

## One Number to Rule Them All: Are We Stuck with GDP?

*"Businesses do it. NGOs do it. The New Zealand government plans to do it. Clare Feeney conducts a thought experiment on why governments should report on their national accounts across the Six Capitals and finds this is at the heart of what government is for.*

"What is the government for? With businesses and non-profits now measuring value-add across the [Six Capitals](#), should governments do it too? Is this what the government is for? If so, can any government afford to do it?"

"I looked up 'government' in my old Oxford dictionary and in between 'gout' and 'gowk'; found 'government'. Not finding the definition of what 'government' is very helpful, I searched for definitions of what government is for.

"Yes, government exists to balance individual freedom with state authority and maintain orderly relationships within and between states – and also to:

- Seek the welfare of civilians and fulfil their needs for the betterment of the nation
- Be responsible for making decisions on behalf of the society in order to meet its goals
- Manage 'necessary forms of cooperative endeavour' such as an equitable provision of things like built infrastructure and education.

*"The care of human life & happiness, & not their destruction, is the first & only legitimate object of good government."* – Thomas Jefferson.

"But economic growth has dominated government discourse since 1945, growth in GDP seemingly the sole national goal. What's now rapidly changing is our ability to measure wellbeing other than just economic, and this opens up a more informed conversation about how to improve them.

"I wrote this article to discover my own thoughts on how it could work for a government to report against the Six Capitals. I found that I think they can – and so does our government! .....

**More:** <https://pureadvantage.org/news/2018/07/31/one-number-to-rule-them-all/>

**Source:** Clare Feeney 30<sup>th</sup> July 2018

**Editor:** Merits reading in full and considering how we can influence and support the government – any government – to not only think strategically, but act strategically. ❖

## Some Arctic Ground No Longer Freezing – Even in Winter

"New data from two Arctic sites suggest some surface layers are no longer freezing. If that continues, greenhouse gases from permafrost could accelerate climate change.

"..... But in a region where temperatures can dip to 40° below 0F, the Zimovs say unusually high snowfall this year worked like a blanket, trapping excess heat in the ground. They found sections 30" deep – soils that typically freeze before Christmas – that had stayed damp and mushy all winter. For the first time in memory, ground that insulates deep Arctic permafrost simply did not freeze in winter....

"Nearly a quarter of the Northern Hemisphere's landmass sits above permafrost. Trapped in this frozen soil and vegetation is more than twice the carbon found in the atmosphere. As fossil-fuel burning warms the Earth, this ground is thawing, allowing microbes to consume buried organic matter and release carbon dioxide and shorter-lived methane, which is 25 times as potent a greenhouse gas as CO<sub>2</sub>. ...

"By the time some changes are detected, a significant transition may be underway, he says. That means the public and policymakers may not grasp the real risks. ...

**More:** [www.nationalgeographic.com/environment/2018/08/news-arctic-permafrost-may-thaw-faster-than-expected/](http://www.nationalgeographic.com/environment/2018/08/news-arctic-permafrost-may-thaw-faster-than-expected/) Photos

**Source:** National Geographic, 26<sup>th</sup> August 2018. ❖

## A Rwandan Engineer Is Recycling Glass Bottles Into Bricks

"At 32, Aimable Mutabazi already has his own construction and brick manufacturing company – but his bricks aren't quite like the ones that hold up so many homes. The engineer started thinking about a better brick when he was still a sophomore at the University of Rwanda, wondering if there was a way to use waste as a raw material. Now, his business makes bricks with recycled glass and ceramics, rescuing tons of old bottles and windows from the local dump. .... simultaneously recycles waste and reduces emissions.

"The glass aggregate we use comes from used glasses and bottles, windows and car windshields', he explained to *The New Times*. 'Once the glass becomes waste, it creates a problem as it does not decompose. We use that waste glass in concrete as partial replacement of cement, it helps to reduce carbon dioxide emissions and glass waste dumping all over the place.' ....

"The recycled glass brick concept has already hit other markets. The New York-based construction company Kingston Block & Masonry has been using post-consumer glass in its bricks since 2000, a design choice the company claims has eliminated up to 30% of the carbon emissions from its manufacturing process. The EPA has also been recommending old glass as a base for bricks since at least 2003.

"But Mutabazi's company is making fresh waves in Rwanda, where the *New Times* says he's already made a sizeable dent in the Kigali dump.

**More:**

[www.greenmatters.com/renewables/2018/08/16/Z1pR3pt/recycled-glass-bottle-bricks](http://www.greenmatters.com/renewables/2018/08/16/Z1pR3pt/recycled-glass-bottle-bricks)

**Editor:** 18<sup>th</sup> August 2018. ❖

## Indian Students Mail 20,000 Plastic Food Wrappers Back to Manufacturers

"Thanks to the widespread penetration of plastic, the sad reality is you will rarely come across public and private spaces without any plastic content at all. Wrappers, poly bags and broken household articles, have unfortunately become an indispensable part of our lives. ....

"But these students of Subbiah Vidyalayam Girls Higher Secondary School in Thoothukudi [India] have set a stellar example most adults should take inspiration from and implement.

"In an initiative mooted by the City Corporation that intended to address the issue of packaged consumables with their manufacturing companies through schools, the school girls collected 20,244 wrappers of all the packaged food items they had consumed in approximately two weeks.

"They then sent these wrappers back to the respective manufacturers along with a note that said, 'We are happy with the taste and quality of your products, but unhappy with the plastic packaging. We want to ensure a safe environment for our future generations and minimise our plastic footprint. We have decided to collect used plastic wrappers of your products and send them to you for safe disposal. Please help us savour your products without guilt, by introducing eco-friendly packaging.' ....

"In his letter to the companies, Varghese mentioned producers, importers and brand owners were wholly responsible for collecting plastic waste left by their products ..

**More:** [www.thebetterindia.com/149115/news-thoothukudi-school-girls-plastic-wrappers/](http://www.thebetterindia.com/149115/news-thoothukudi-school-girls-plastic-wrappers/) plus <https://timesofindia.indiatimes.com/city/madurai/students-send-20000-wrappers-back-to-cos-to-fight-plastic/articleshow/64877460.cms>

**Source:** *SnippETS*, 23<sup>rd</sup> August 2018. ❖

Contributions and feedback are welcomed.

Send your news items, handy hints, case studies, suggestions, comments and questions to Ray Skinner of *Sustainability Matters*.  
eMail: [ray@sustainabilitymatters.co.nz](mailto:ray@sustainabilitymatters.co.nz) Phone: +64 (09) 443 0773 Web: [www.sustainabilitymatters.co.nz](http://www.sustainabilitymatters.co.nz)