

B.I.G. News #1 – December 2019

Tēnā koe

Nau mai. As Chair of B.I.G. I'm delighted to welcome you to the first edition of B.I.G. News.



It was fantastic to see so many of you at the celebration of the launch of B.I.G. on 28 November – and to have Leanne Kemp (in photo to left), Chief Entrepreneur of Queensland, say she wanted the first B.I.G. Australia chapter to open in Townsville!

Why did we start B.I.G.?

We convened B.I.G. to create a group where *deep collaboration* can take place. We all understand the need for collaboration – one of B.I.G.'s core values – to design a circular product stewardship scheme for large batteries, but what does this actually mean?

It means being more open with information than we may be used to, while acknowledging commercial sensitivities. It means working with people, sectors, technology and information we aren't familiar with. It means working together for a circular economy outcome, not just 'better recycling'.

Our B.I.G. values, as stated in our [Terms of Reference](#), are:

- Integrity
- Inclusivity
- Collaboration
- Transparency
- Kaitiakitanga (stewardship)

These are not just words on a cat poster, they guide the decisions we make.

Next steps

We have come a long way over the past 18 months, engaging over 80 organisations and creating a clear vision and context for a circular future for large batteries. However, the hard work is still to come as we seek to make our vision a practical reality.

So, as this year ends and we look forward to recharging our batteries (sorry) I have a simple request: please take an active role in this group – YOUR group – next year.

The time for sitting on the sidelines is over. We have a window of opportunity to act, to collaborate, to **create the future we wish to see**. See you on the other side!

- Juhi



Minister Eugenie Sage



Vector CEO Simon MacKenzie and Chair of B.I.G. Juhi Shareef (Vector)

New Energy Futures Paper

On Thursday 28 November Vector's *New Energy Futures Paper* on **Batteries and the Circular Economy** was launched in Auckland, along with a Technical Addendum, with guest speakers Associate Minister for the Environment Eugenie Sage and Leanne Kemp from [Everledger](#).

The paper is a culmination of research instigated by Vector and carried out by Eunomia, ThinkStep, Forum for the Future with members of the original Battery Leaders Group (now part of B.I.G.). Many businesses, industry bodies and organisations contributed to the Paper which includes NZ and international case studies.

The paper outlines the challenges of the current 'linear' (take-make-waste) economy for lithium-ion batteries and the commercial and innovation opportunities for

B.I.G. Project kick off

The event on the 28 November was also the official kick-off of the B.I.G project. Juhi Shareef, the Chair of the project and Vector's CEO Simon Mackenzie gave the background to the project. Aspects of the project have already begun, with updates below.

Safety and Logistics Group



The Safety & Logistics Group (S&LG) is Chaired by Peter Wilding

of Fire and Emergency New Zealand. This group met on the 27 August, with another meeting planned for February.

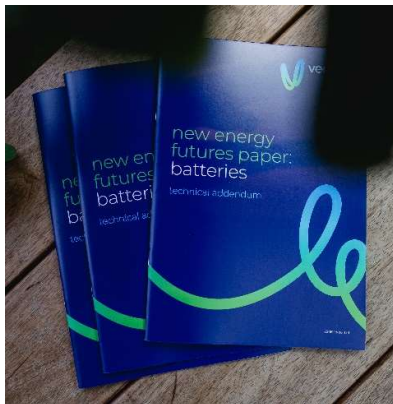
The S&LG will:

- Capture information about incidents
- Produce storage safety guidance documents

Aotearoa if we transition to a circular economy.

The Paper provides the circular economy vision and context for B.I.G. to ensure the product stewardship scheme B.I.G. designs is safe, inclusive and circular.

Click [here](#) to download the Paper and [here](#) to download the Technical Addendum.



B.I.G. communications

Keep up-to-date with B.I.G. news on the following platforms:

Website: www.big.org.nz

Linkedin: [B.I.G group](#)

Twitter: [@batteryLoop](#)

You will soon receive an invitation to the resource library and other relevant folders. Let sarah@big.org.nz know by the end of this week if you haven't received an invite. Please upload relevant documents to this library.

The folders you will be invited to include a list of stakeholders. Please use the contact details on this list for B.I.G. purposes only. If you think you are allocated to the wrong group or wish to be included on another one please contact sarah@big.org.nz

including controls and containment

- Handling (and remediating) safety guidance documents including electrical hazards
- Transport / shipping safety guidance documents including controls and containment
- Decision flow charts to show actions required given different scenarios and different battery chemistries

Battery Innovation Hub



Battery Innovation Hub

Jo Philips from Vector is the Chair of the

Battery Innovation Hub (BIH).

This group met on 1 November. The aims of the group are to enable trials of second-life batteries, connect suppliers of used batteries with entrepreneurs' repurposing for second-life uses. A trial has already begun to ship batteries to [Envirostream](#) for end-of-life value extraction and processing.

The BIH will also consider the value of a common methodology of traceability to enable tracking chain of custody e.g. blockchain / import and end-of-life data / BMS data.

To be part of the BIH please contact [Jo Phillips](#)