

## NEWS RELEASE

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### Reduce waste – build a house

By November this year Kiwi builders will be able to replace plywood, particle board and plaster board, with saveBOARD, a high-performance interior and exterior cladding material made from packaging waste such as used beverage cartons, soft plastics and coffee cups.

The technology to turn waste into high performance building material was developed in the United States and the product was chosen by Tesla as the membrane roof substrate for its 200,000m<sup>2</sup> gigafactory in Nevada. The Tesla roof equates to upcycling 2,000 tonnes of composite plastics and saves 336,000 kgs of embodied CO<sub>2</sub> compared to using plywood.

The waste-to-building material technology is being brought to New Zealand by saveBOARD, a new venture backed by Freightways, Tetra Pak and Closed Loop. The New Zealand saveBOARD plant will be at Te Rapa near Hamilton and its first production run is scheduled for late 2021.

The plant will save up to 4,000 tonnes of waste from landfill every year. Twelve new jobs will be created initially, with more expected as the project grows.

saveBOARD will manufacture an impact resistant board with similar performance to plywood, OSB (oriented strand board) and particle board that can be used for interior and exterior applications. Using proven, patented technology which has been operating for over 12 years, the material is upcycled from waste into affordable, high performance, low carbon building materials.

saveBOARD Co-Founder and Chief Executive Officer Paul Charteris says making high-performance low carbon building materials using 100% recycled materials from everyday waste is a game-changer that will transform the construction industry in New Zealand.

saveBOARD is negotiating to receive waste material from large food and beverage companies that want to meet ambitious waste reduction targets and be more environmentally responsible.

Building a circular economy also requires backing from key industry partners. saveBOARD has funding and support from industry leaders who will provide recycled material as well as transport and logistics solutions. These partners include:

- Freightways – will help manage waste collection and logistics
- Tetra Pak – food processing and packaging solutions company producing low climate impact packaging formats
- Closed Loop – circular economy pioneer

Tetra Pak Oceania Managing Director Andrew Pooch says the solution demonstrates Tetra Pak's commitment and contribution to a low carbon economy.



“It is more than just an investment for us. It is the right thing to do - to help limit waste to landfill and support a technology that improves local waste collection and recycling infrastructure,” says Mr Pooch.

Freightways, Chief Executive Officer Mark Troghear says its investment in saveBOARD allows the freight and logistics company to fully realise a commitment to circular waste solutions with minimal carbon kilometres, all while providing a new strategic growth category.

“saveBOARD completes an end-product solution for Freightways, where waste can be regenerated and reused into world class products while utilising our core capabilities in pick-up, process and delivery channels,” says Mr Troghear.

“It’s an investment in what we believe will be a very compelling business, offering a brand-new sustainable product to one of New Zealand’s largest industries,” he says.

Closed Loop Managing Director Rob Pascoe says saveBOARD products will be the lowest carbon footprint interior and exterior board products on the market.

“saveBOARD promises a better, greener, more affordable solution that can lead us towards a more sustainable future. It’s the perfect example of the circular economy in action,” says Mr Pascoe.

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### **About saveBOARD**

**saveBOARD** (SB) was founded with the sole purpose of solving the growing packaging waste problem in Australasia and find sustainable solutions. By implementing proven, scalable upcycling technologies that turn locally collected waste into locally distributed, high performance, low carbon building materials. saveBOARD is committed to being an industry leader and putting an end to waste pollution.

The saveBOARD product is a healthy board, made with zero water, zero glues, zero chemicals and zero VOC emissions or formaldehydes. The product’s green credentials meet all obligations under 14G of the Building Act, reducing waste from the environment and up to 90 per cent reduction in carbon. It is also possible to recover the offcuts and end of life boards to be remanufactured into new board products, providing a zero waste to landfill solution.

More information about saveBOARD is available at [www.saveboard.nz](http://www.saveboard.nz)



## **ABOUT FREIGHTWAYS**

**Freightways Limited** (NZE: FRE) has varied business operations in New Zealand and Australia split into three core portfolios, Express Package, Business Mail and Information Management. Listing on the NZX in September 2003, today its portfolio of brands includes New Zealand Couriers, Post Haste Couriers, Dataprint, DX Mail, SUB60, Stuck, Now Couriers, Kiwi Express Couriers, Castle Parcels, Security Express, Pass The Parcel, Lit Support, Shred-X, Med-X, TIMG, Freightways Information Services, Fieldair Holdings Limited and Parceline.

## **ABOUT TETRA PAK**

Tetra Pak is a world leading food processing and packaging solutions company. Working closely with our customers and suppliers, we provide safe, innovative and environmentally sound products that each day meet the needs of hundreds of millions of people in more than 160 countries. With more than 25,000 employees around the world, we believe in responsible industry leadership and a sustainable approach to business.

Our promise, "PROTECTS WHAT'S GOOD™," reflects our vision to commit to making food safe and available, everywhere.

More information about Tetra Pak is available at [www.tetrapak.com](http://www.tetrapak.com)

## **About Closed Loop**

**Closed Loop Environment Solutions** are innovators in Waste Upcycling, and are changing how people collect, treat and reuse waste. Closed Loop is committed to building a circular economy by helping our partners keep waste out of landfill, and turning waste back into products that re-enter the local supply chain, eliminating future landfill.

More information about Closed Loop is available at <https://closedloop.com.au/>

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