Ecotech Fiji — Waste to Infrastructure

Bula vinaka and good afternoon, everyone.

I'm Terry Labbude, joined by my business partner Konrad Reiher.

Together, we represent Ecotech Fiji, the authorized distributor of AggreBind for Fiji.

AggreBind holds nine international patents. It is non-toxic, non-hazardous, and non-leaching, a soil-stabilization technology engineered for strong, durable, long-lasting roads and road bases. It has been proven internationally across multiple climates and applications for more than 25 years.

We're here to show how these solutions can help the Pacific build stronger, greener, and more affordable infrastructure, while creating local jobs, skills, and knowledge, and protecting our environment.

Across the Pacific, we rebuild the same roads after every cyclone, import costly materials, receive rebuilding aid that fails to educate, empower, and upskill our local workforce, and struggle to manage growing waste.

Budgets stretch, supply chains break, and recovery keeps repeating.

What if we could stabilize our own soils, reuse our waste, and build infrastructure designed for our climate, enabling our people to have autonomy in their economic future?

That's exactly what AggreBind makes possible.

AggreBind is a long-string, cross-linking copolymer, a polymer engineered by AggreBind through nanotechnology that acts like nature's glue, binding soil and suitable waste into a durable, water-resistant, load-bearing surface.

It's non-toxic, non-hazardous, and non-leaching due to its hydrophobic properties, and it's manufactured without PFAS, turning soil, sand, or even suitable waste like old tires, hard plastics, coral rubble, mining byproducts, and demolition material into rock-solid, long-lasting roads, blocks, and foundations.

With its core technology, AggreBind delivers six proven products:

RoadMaster — builds and repairs roads and airstrips designed to handle heavy loads and floods.

HiPower Seal — a protective, water-resistant seal that extends pavement life and reduces potholes, and is also used as a water-resistant surface treatment for concrete and other hard surfaces.

AggreDust — non-toxic and long-lasting dust control and slope stabiliser that keeps air, agricultural lands, and waterways cleaner.

AggreBloc — turns local soils and waste materials into strong, water-resistant, resilient blocks for housing and community projects.

AggreCrete — additive to cement to create water-resistant, non-permeable concrete, improving concrete strength and durability while reducing cement use and thereby carbon emissions.

AggreCoat Silver — a long-lasting protective, antimicrobial coating for any hard surface including walls and infrastructure.

Every product shares the same DNA: sustainability, durability, simplicity, safety, and savings.

For partners like the World Bank, AggreBind provides real lifecycle savings, reducing imported materials and extending road life, with maintenance needs cut dramatically, and meets objectives of capacity building and local development through the use of local labour and materials.

For DFAT, it supports affordable, climate-resilient housing built locally, reducing imports and creating employment.

For IUCN, it represents circular economy in action, reusing and stabilizing local materials into new infrastructure.

And for Conservation International, it’s environmentally restorative, non-polluting, low-carbon, and supportive of biodiversity goals.

Scale matters.

We work across the full spectrum, from local communities through to major developers and large-scale projects: eco-resorts, luxury design builds, industrial parks, shipping ports, airports, and smart-city precincts.

We collaborate with architects, engineers, and contractors to ensure designs meet or exceed relevant engineering performance benchmarks, while cutting costs, timelines, maintenance, and carbon impact.

As the authorized distributor, we teach end-user customers and contractor businesses to install and use AggreBind, enabling self-sustainability.

Projects using AggreBind have demonstrated up to 60% total project cost reductions, construction time reduced by as much as 75%, fewer trucks, less fuel, smaller crews, and a significantly longer service life, while reducing CO_2 and material waste.

Every kilometre built with AggreBind saves money, time, and the environment, and every block produced creates skills and jobs across Fiji and the Pacific.

At Ecotech Fiji, we see locals, communities, and developers building roads, homes, and destinations using the materials beneath their feet.

Through our training and partnerships, we're helping create local industries and circular economies, closing the loop from waste to worth — from soil to strength.

This isn't the future — it's ready today.

We invite governments, donors, developers, resorts, and private partners to collaborate with us on pilot projects for roads, housing, and waste reuse.

Please reach out via the email or website below — we look forward to hearing from you and working together.

Let's turn Pacific waste into Pacific strength, and build the world's most resilient, circular, and sustainable island infrastructure.

Vinaka vakalevu, and thank you all for your attention.

www.ecotechfiji.com | contact@ecotechfiji.com