

'We see fish waste as a powerful resource. By transforming it, we're not only reducing waste and lowering our carbon footprint but also creating nutrient-rich soil to support the next generation of food crops. It's about turning a problem into a solution for a more sustainable future.'

Tim and Kyran Crane, Co-founders of Ocean2Earth



## CASE STUDY: OCEAN2EARTH (Eden)

**Focus:** Turning marine waste into a high-value soil improver.

**Background:** Brothers Tim and Kyran Crane launched Ocean2Earth (O2E) Australia in 2019, with a key purpose to better manage marine organic waste in the local area. Working with councils, fisherman and seafood processors, marine waste is naturally composted into valuable marine based compost full of sea minerals for use in agriculture and horticulture, which would have otherwise been directed to landfill.

**Circular innovation:** O2E operate both a seafood waste collection service and composting facility in Merimbula, NSW where marine by-products are mixed with pine bark from a local pine plantation mill and a specialised inoculant to compost into a rich natural soil enhancer. Compost piles are pasteurised and aged for 6 months before been screened and milled into a fine powder for commercial or small-scale application by consumers on paddocks or home gardens.

**Impact and future development:** The Eden based start-up are diverting over 500 tonnes of waste from landfill each year. As they continue their war on waste, they have also partnered with OF packaging to support and re-use the soft plastic packaging, providing customers with a disposal option instead of sending the packaging to landfill.

**For more information:** [www.ocean2earth.com.au](http://www.ocean2earth.com.au).