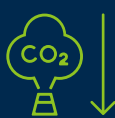




Biogas Captured

33.9 million m3



Carbon Abatement

322 thousand tonnes
(t CO2e - environmental benefit)



Seedlings Planted

5.3 million seedlings
planted for 10 years



ACCUs Created

104 thousand Australian
carbon credit units

As of August 2025

From Landfill to Climate Change Solution

Fighting Climate Change

Did you know that technology exists today that can dramatically reduce the contribution of landfills to climate change – and even generate renewable energy?

That's what we're doing at the West Nowra Recycling and Waste Depot in New South Wales. Together with the Shoalhaven City Council, we're recovering the biogas from this landfill to directly reduce greenhouse gas emissions and have created a pathway for a renewable energy project.

By more than tripling biogas capture rates, LGI is now able to progress the development of a renewable power station at this site. The development proposed is to include an advanced battery storage - to supply consistent and dispatchable power and firming services to help make the local energy grid more reliable

While it would be wonderful if we no longer needed landfills, that's not the reality we're faced with today. It's critical that we manage the biogas that these sites naturally and constantly generate. LGI's capture, abatement and power generation projects are helping to meet the growing demand for decarbonisation and renewable energy.



For councils across Australia, including Shoalhaven, we're expediting their transition to cleaner energy. Commercially viable flaring projects also provide benefits for landfill owners and the community. Nowra is proof of that.

Adam Bloomer
LGI Founder



**CLEAN ENERGY &
CARBON ABATEMENT**



By partnering with LGI, the Shoalhaven Local Council isn't just meeting community expectations to build a greener future, they're also earning royalty payments – all from a system that LGI built at no cost to the council or the local community.

Our biogas-capturing process also minimises health and safety risks by destroying harmful methane emissions. That's a win-win for everyone!

- ✓ Reduces greenhouse gas emissions
- ✓ Improves air quality
- ✓ Contributes to the local economy
- ✓ Creates revenue for council and saves them money
- ✓ Reduces landful odours
- ✓ Create renewable energy
- ✓ Improve local power grid reliability
- ✓ Reduce reliance on fossil fuels

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