Small Landfill Makes Massive Impact

Think a small change can't make a big difference? So many of us do and it's a mindset that often prevents any change from happening at all. As a society, we can't stand by and watch the environmental cracks widen.
That's why, in 2018, we installed an LGI 500 biogas flare at the small regional landfill in Gympie.

The flare complies with the Emissions Reduction Fund (ERF) and has already cut down on greenhouse gas emissions, which has had a big effect on the environment.

This again shows the critical role of carbon abatement in saving the planet one landfill at a time…no matter its size.

Here are the stats so far*

Biogas Captured m3
8 million

12 months of carbon abatement (t CO2e)
6 thousand

Australian Carbon Credit Units (ACCUs) created
31 thousand

Emissions (t CO2e) reduced by
76 thousand tonnes

That's the carbon abatement equivalent of 1.3 million seedlings planted for 10 years!

Biogas is constantly emitted from a landfill. Even on a small site, this can account for 60% to 80% of a council's carbon emissions so the Gympie biogas flare makes a significant impact. It improves air quality, cuts down on greenhouse gas emissions and helps the local economy.

While it's worth doing for the environment alone, the economic benefit of carbon credits also creates a commercially viable project for additional abatement under the ERF.
It all adds up to a win-win for the council and the region at a minimal cost.



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* ACCUs created to 15 May 2022. Other Results Achieved to 1 May 2022

LGI

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GYMPIE REGIONAL COUNCIL

- ✓ Improves air quality
- ✓ Reduces greenhouse gas emissions
- ✓ Contributes to the local economy
- ✓ Stimulates future development opportunities
- ✓ Contributes to best practice landfill management



We are proud to do our bit to reduce carbon and protect the environment

- Alex Stengl,
Manager – Environment and Waste

People engineering, a clean energy, zero carbon future

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