



Newsletter

October 2023



Welcome to Ennovo's October Newsletter!

It's nearly the end of 2023, with everyone starting to look forward and gear up for their holiday break.

The month of October has brought with it exciting conferences, breathing life back into the waste management and contaminated land sectors.

These gatherings delivered quality presentations, fuelling the industry's positive 'vibes', making it an exciting time to be part of this community. With this came one particular intriguing insight that emerged from these events - which is the remarkable overlap between environmental management in waste and contaminated land.

The convergence of environmental regulations, technological advancements, and financial incentives surrounding landfill gas (LFG) management is also quite interesting.

The ability to remotely detect and quantify methane emissions is nothing short of incredible. This technology is a game-changer for regulatory compliance, placing the responsibility squarely on landfill owners and operators to ensure best practices.

With the financial incentives associated with biogas power supply and carbon credit generation, there are now very strong drivers across the board in place to ensure we are capturing and utilising LFG.

There were also plenty of technologies on show that deal with the ever present PFAS, found in both landfill leachate as well on many sites due to its prevalence in our materials that we use every day, not just in fire fighting.

It was great to see these technologies being successfully used on many different sites and with varying applications that can assist us as an industry to make positive inroads to address this widespread issue.

Excitingly, Ennovo has recently secured several contracts in both the contaminated land and waste management sectors, setting the stage for a promising future. This achievement is made possible by our ever-growing, knowledgeable team.

As we move forward, and gear up for 2024, we remain committed to driving positive change and innovation in these critical industries.



October Conferences Recap

Conferences were back in swing again in October, with the annual Australasian Land & Groundwater Association (ALGA) Ecoforum, held in conjunction with the 8th International Sustainable Remediation Conference - SustRem 2023 (10th - 13th October) in Melbourne, and the Sardinia Symposium (9th - 13th October), in Italy!

The Sardinia Symposium 2023, is the International Symposium on Waste Management, Resource Recovery and Sustainable Landfilling, organised by the IWWG - International Waste Working Group and is one of the world's premier waste management conferences.

For those in the waste management industry, it is on the list of 'must attend' conferences each year.

The Morwell Landfill Gas Lateral Migration Management project undertaken by Ennovoc with Latrobe City Council was such a success that it enabled Dr Ben Dearman and Dr. Chandana

Vidanaarachchi to submit a paper for this year's Sardinia Conference, and it was accepted as an oral presentation.

Unfortunately, Dr Ben Dearman could not attend in person, as he was attending EcoForum but this allowed Dr Chandana Vidanaarachchi to fulfil a lifelong dream since undertaking his PhD, in presenting the paper at the conference.

It was great to see this type of innovative landfill gas management undertaken at landfills in Australia being showcased on an international platform, and we are proud that we were able to present.



Team Spotlight | Will Abbott

Meet Will, our Regional Manager, heading up our Queensland operations.

Will has been an integral part of our team for nearly three years, and in that time has overseen some of the company's largest projects.

Including leading the team on a large installation of a Gas Collection System in Queensland, which inevitably led to the development of the Queensland branch in 2022, with him relocating from Adelaide to ensure its successful outcome.

He has since built the Ennovo business in the Queensland region, and created sustainable partnerships along the way.

When he's not at Ennovo, you will find him on the footy field, playing for the Coorparoo Football Club - just don't ask him what happened in the Grand Final this year.

Thanks for all your hard work, Will!

Dr Ben Dearman speaks very highly of Will;

"Will is a great asset to the Ennovo team with a mix of business development skills, leadership qualities and technical ability."

This puts him in good stead to deliver on our strategy for Queensland and ensure Will fulfils his potential."



Project Completion | **Inkerman Gas Collection System**



The Inkerman Gas Collection System (GCS) expansion has reached completion, with us successfully installing 59 landfill gas (LFG) extraction wells, spanning over 5 kilometres of flow, lateral and header lines, and a highly efficient condensate management system.

This upgrade has significantly amped up our LFG capture, positioning us favourably for the next steps in enhancing its utilisation.

Our journey wasn't without its fair share of challenges, especially as we worked through the winter months. Nevertheless, our dedicated team's resilience and unwavering commitment ensured the project's success.

We also owe a debt of gratitude to the strong partnership we forged with the Cleanaway operations team. Together, we tackled and conquered challenges with a positive outlook.

Our focus now turns to the ongoing operation and maintenance of the landfill, ensuring that both LFG and leachate aspects are meticulously managed to the highest standards.

We're excited to continue this journey towards sustainable and efficient waste management.



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