



# Newsletter

## August 2023

### Welcome to Ennovo's August Newsletter!

**T**here's no slowing down at Ennovo!

This month, we are pleased to introduce two esteemed additions to our team.

Justin Cousins, who has taken on the role of General Manager, bringing with him a wealth of experience in the waste management sector, and a distinguished background and extensive involvement in the industrial and oil and gas sectors, Justin's insights will prove invaluable to our team.

Leveraging his extensive financial expertise, Justin will also play a pivotal role in guiding our business along its growth trajectory, and his strategic insights will support our endeavours to achieve new milestones.

We are equally thrilled to welcome Marina Sarunic as our new Principal Environmental Scientist.

In her 17 year career Marina has accumulated valuable knowledge and expertise through her professional journey, enabling her to contribute significantly to our team.

Her diverse experience and skill set make her a strong asset to our business.

Marina's reputation in the industry is well-established, in her ability to forge strong client relationships and collaborate seamlessly within teams to deliver effective solutions.

With a track record of working on many exciting and complex projects, Marina's leadership will undoubtedly play a pivotal role in propelling the Ennovo team forward.

Join us in extending a warm welcome to Justin and Marina, as we look forward to the valuable perspectives and contributions they will bring to our dynamic team.



## Successful Completion | Carroll Road Gas Collection System

The closed Carroll Road Landfill, located in Melbourne's Sandbelt district, is a rehabilitated former landfill site among several others in the area.

We were engaged to undertake various improvements to the gas collection systems (GCS) and leachate management systems, essential for the overall functionality of the rehabilitated site.

The improvement works involved the installation of landfill gas (LFG) header and flow lines, installing wellheads, and different designs of pumped knockout pots (KOPs).

Additionally, parts of the leachate management system were also upgraded. These actions were necessary to uphold Cleanaway's site standards for LFG and leachate management, aligning with regulatory requirements.

The project faced challenges, notably adverse weather conditions impacting the project timeline.

The complexity was magnified by the presence of a highly engineered geosynthetic capping profile, requiring careful understanding and management to protect the cap integrity and performance post-project.

Successful execution relied on strong stakeholder engagement. Coordination efforts extended to two CQA parties, an actively involved client, and neighbouring entities with vested interests.

Our team showcased expertise and professionalism, navigating project hurdles while fostering effective communication and collaboration among stakeholders.

The outcome was the successful installation of a comprehensive GCS. This achievement guarantees effective LFG management and consistent leachate levels, resulting in a well-functioning rehabilitated site.





## Feature | Gasflux Continuous Gas Monitor Business Acquisition

**F**or over four years, Ennovo has been a distributor for Ambisense's Gasflux gas monitor, a cutting-edge Continuous Gas Monitor System from Ireland.

The system is the world's inaugural continuous gas characterisation and flow monitoring device designed for landfill gas (LFG), and broader ground gas applications.

The technology enables real-time monitoring across various sites including landfills, brownfield areas, onshore oil and gas (O&G) facilities, and industrial sites. For over four years, Ennovo has been a distributor for Ambisense's Gasflux gas monitor, a cutting-edge Continuous Gas Monitor System from Ireland.

Throughout this four-year duration in which we have been a distributor, we have dedicated significant effort to cultivating the Australian market.

Our Instrumentation and Data Scientist, Luke Silvester, travelled to Ireland to receive specialised training to ensure the support services provided to the Australian market were of the highest standard, and we established a dedicated workshop in Australia for servicing, repair, and calibration of units and removed the need to send units back to Ireland.





## Feature | Gasflux Continuous Gas Monitor Business Acquisition



**W**hen the opportunity arose to acquire the Gasflux intellectual property (IP) rights for Australia and New Zealand, we saw this as a logical extension of our services and a natural progression in our business model.

By assuming ownership of the associated IP, we can directly manage and support data within Australia, thereby enhancing service quality for our clients and optimising the deployment of our skilled technicians.

Coupled with the recent renovation of our Adelaide office, including the expansion of our laboratory space, we now possess the capability to comprehensively support the existing fleet of Gasflux Continuous Gas Monitors in Australia.

This upgrade also lays the foundation for future expansion into New Zealand.

This is an exciting acquisition for us and our clients, and we can't wait to enhance our delivery services with this system.

**“What initially drew us to the Gasflux unit was its ability to accurately measure borehole flow and gas composition, and coupled with its real time telemetry system, we were able to quickly develop an excellent understanding of landfill sites and the potential risks they posed.**

**Through a number of novel adaptations by the Ennovo team, we have been able to successfully bring this unit into the Australian market and utilise it in a range of applications.**

**We are excited for the potential in this acquisition.**





## Did You Know? | We are ALGA Bronze Members

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Australasian Land & Groundwater Association

**T**he Australasian Land and Groundwater Association, provides industry advocacy support and information for companies and individuals working in the industry.

Many of the team at Ennovo have been members of ALGA for quite some time, and now we have the added benefit of being able to increase our contribution to the industry through our membership and attendances at many of the great events that ALGA hosts each year.

As part of this membership, we will have a presence at this year's Ecoforum. This event coincides with the 8th International Sustainable Remediation Conference - SustRem 202, scheduled for October 10th to 13th!

If you see us there, come and say Hello!

