



Capability Statement

Experienced practical experts
ennovo.com.au

ennovo

Ennovo is a technology driven environmental management company, focussed on bringing innovative solutions to the waste management, contaminated land and renewable energy industries.

Ennovo brings a fresh, 'technology first' approach to complex challenges. We combine technical consulting expertise, contracting experience and bespoke data management with exclusive access to state-of-the-art equipment to deliver exceptional outcomes for both our clients and the environment.

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About Ennovo

Ennovo are leaders in environmental management.

We are a practically driven environmental management company providing end to end solutions for our clients in the waste management, renewable energy, and contaminated land industries.

We have the experience, technology, capability and approach that allows our clients to unlock the inherent value within contaminated land and waste materials.



History

Ennovo was created by the merging of Biogas Systems and DBD Environmental to bring together the experience and expertise of a wide range of environmental practitioners in the waste management, renewable energy, and contaminated land sectors. Contracting experience coupled with technical consulting allows us to provide cost effective pragmatic solutions for our clients and the environment.

Our name is derived from the combination of **En**vironment and **Novo** (Latin for rebirth and renewal) reflecting our inner mission and philosophy to renew and reactive environments to provide new opportunities.

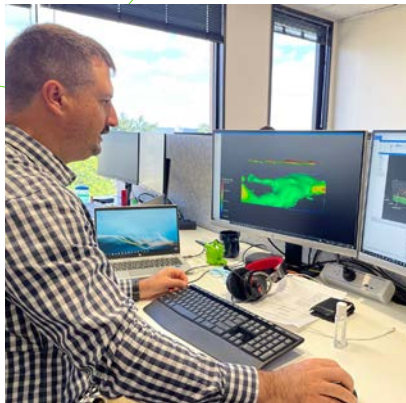
Our Advantage

Ennovo key advantages help deliver exceptional project outcomes across Australia



Partnering

We believe that partnering with our clients in a collaborative approach enables the best possible outcomes for all stakeholders and provides a high level of project satisfaction. As a privately-owned company our clients deal with senior people within the business. This allows us to be flexible and agile whilst providing expertise forged from real industry-based experience.



Technology Focussed

We utilise technology to its full potential ensuring high quality project outcomes. Ennovo has a track record of using cutting edge monitoring equipment and innovative remediation approaches. We continually build on this, always looking for an edge and the best possible solution for our clients.



National Reach

Ennovo is able to undertake work in any part of Australia, and we pride ourselves on delivering projects from remote regional areas to the inner city. All our people are adaptable and thrive on being presented with challenging projects.

Values and Culture

Our values are at the core of what we do and underpin our culture.

Our Values

We place great emphasis on these values to guide us in our decision making, and where we can best provide positive outcomes for the environment, our people, and our clients. Our ESG principles reflect these core values in delivering what we deeply care about and making a real difference.

Our Culture

Our culture is based on inclusivity, having fun, and recognising our role in the way we live as a community. We understand that what we do has an inherent benefit to the environment, therefore our people are passionate and are driven to realise the benefits of sustainable business approaches. This passion is reflected in the vibrancy within the team, and the positive outcomes delivered for both the environment and our clients.

Our core values



Safety

We all go home safe



Accountability

We take proactive ownership



Respect

Recognising achievements, professional culture & team orientated



Environment

Managing resources sustainably for future generations



Customer

Partnership approach

Our Standards

Ennovo maintains a solid corporate profile across a number of platforms.

We maintain very high standards in relation to relevant Health, Safety and Environment requirements with ISO 9001, 14001 and 45001 accreditation. This provides the basis for our project and business approach and sets us apart from others in the marketplace.

Our corporate memberships include the following:

- ▶ Waste Management and Resource Recovery Association (WMRR)
- ▶ Bioenergy Australia
- ▶ Australasian Land and Groundwater Association (ALGA)
- ▶ Australian Contaminated Land Consultants Association (ACLCA)
- ▶ Our team of highly qualified scientists and engineers maintain professional memberships with the Environment Institute of Australia and New Zealand (EIANZ). Our personnel maintain professional accreditations through these peak bodies related to the contaminated land and waste management fields.

Our corporate governance is provided by an experienced Board of Directors including an independent Chair, which flows to all aspects of the business through our ISO standard policies, procedures and protocols. This is also supported by dedicated business systems, comprehensive insurance cover and regular reporting and review.



Delivering **exceptional outcomes** for both our clients and the environment.

Services

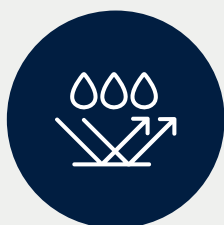
We service a range of clients from diverse business sectors

Our clients' interests are always front of mind and reflected in our ability to find innovative ways in which to develop solutions and positive outcomes for all stakeholders.

Our existing clients typically come from the following sectors:

- ▶ Property Development
- ▶ Waste Management Organisations
- ▶ Resources and Mining
- ▶ Oil and Gas
- ▶ Industrial Processing and Manufacturing
- ▶ Local Government
- ▶ State Government
- ▶ Federal Government

Our key services



Leachate Management



Gas Collection System (GCS) Installation



Organic Waste Management



Anaerobic Digestion



Prescribed Waste Treatment



Site Assessment and Remediation



Engineering and Design Services



Advisory and Strategy



Monitoring and Maintenance



Data Management and Reporting

Leachate Management

Management of leachate is critical in landfill applications.

Ennovo provides leachate and contaminated wastewater management for the following:

- ▶ Landfill Leachate
- ▶ Contaminated Groundwater
- ▶ Industrial Process Wastewater
- ▶ Contaminated Surface Water
- ▶ Construction Site Waste Water

Management of leachate is critical in landfill applications, not only from an environmental compliance aspect, but also failure to deliver appropriate leachate management impacts on gas collection and control. We supply a range of landfill leachate treatment systems and support depending on specific requirements, including our leachate telemetry system.

The equipment and support provided to manage and treat these sources include the following:

- ▶ Skid, truck and trailer mounted water treatment units
- ▶ Leachate telemetry system
- ▶ Containerised PLC water treatment systems with bespoke treatment trains
- ▶ Tanks, pumps and filters
- ▶ Chemical injection skids
- ▶ Sequential Batch Reactors
- ▶ Aeration systems
- ▶ Methane stripping systems
- ▶ Reverse Osmosis (RO) or Nano filtration

Our systems are tailored based on characterisation of the leachate or contaminated wastewater, volume, site specifications and regulatory compliance. Our systems can be manufactured as both portable and modular systems, or as large permanent systems.



– SERVICES

Gas Collection System (GCS) Installation

Ennovi are experienced in delivering a wide range of contracting services on landfills, including the installation of gas collection systems (GCS) and remediation contracting.

Our personnel have been involved in multiple complex contracting and remediation projects and are well suited to the services required on landfill sites.

To complete the GCS we also install and commission blower systems including flares and engines to enable generation of carbon credits, electricity and management of LFG.

Our services include the following:

- ▶ Gas collection system (GCS) design, installation, and maintenance
- ▶ Pumping trials and resource assessment
- ▶ Bespoke landfill environmental management systems and fabrications
- ▶ Extraction well installation, including dual leachate/gas wells
- ▶ Monitoring well installation
- ▶ Rapidly deployed pin well installation
- ▶ Trenching and pipelaying
- ▶ EF and butt welding
- ▶ Landfill cap rectification works including oxidative layer installation and phytocaps (evapotranspiration)
- ▶ Permeable reactive barrier installation
- ▶ Horizontal gas barriers and venting systems under buildings
- ▶ Cut off wall installation
- ▶ General earthworks



Organic Waste Management

Ennovo provides comprehensive solutions for the management of organic waste based on extensive experience of designing, constructing and operating waste management facilities.

We also continue to develop novel processes that unlock the inherent value within organics such as important plant and soil nutrients, microbial activity, energy, and carbon credit generation.

Regulatory and policy development are also driving innovation in managing organic wastes which is creating market opportunities that can be leveraged from technical know-how and experience. This is where Ennovo provides solutions and turnkey processes to meet regulatory, environmental and financial objectives.

The key areas of focus and experience in organic waste management include the following:

- ▶ Source separation & collection systems
- ▶ FOGO management and processing
- ▶ Composting (Open Windrow & Enclosed/In-vessel) processing
- ▶ Process & Product development and value adding
- ▶ Anaerobic digestion
- ▶ Fermentation
- ▶ Pelletisation
- ▶ Waste to energy
- ▶ Market development
- ▶ Carbon credit generation
- ▶ Supply chain processes
- ▶ Compliance for third party Quality accreditation and EPA regulations
- ▶ Research



– SERVICES

Anaerobic Digestion

Ennovi personnel have extensive experience in anaerobic digestion technologies used in both wastewater and solid waste applications.

Anaerobic digestion is an effective way in which to produce biogas to generate heat and power, which may also enable the generation of carbon credits. The subsequent digestate retains the inherent fertiliser value that can also be used to provide important soil and plant nutrients.

The services provided by Ennovi to support our clients with their anaerobic digestion systems include the following:

- ▶ Feasibility assessment
- ▶ Design services – covered lagoons to bespoke engineered plants
- ▶ Equipment manufacture and supply
- ▶ Construction and implementation
- ▶ Operation and maintenance
- ▶ Reporting



Prescribed Waste Treatment

The treatment of contaminated wastes can be a difficult process in order to provide cost-effective outcomes.

Success is very much predicated on having a solid technical understanding of complex chemical and biological interactions, coupled with a pragmatic approach to ensure a cost-effective outcome.

The treatment of contaminated wastes is a core area of expertise for Ennovo. This ranges from industrial waste, groundwater, contaminated soil, and surface water, involving an array of projects. These treatment processes have involved a broad range of contaminants in a range of mediums such as:

- ▶ Heavy metals
- ▶ Petroleum hydrocarbons (TPH)
- ▶ Benzene, ethylbenzene, toluene and xylene (BTEX)
- ▶ Polycyclic aromatic hydrocarbons (PAHs)
- ▶ Gasworks waste
- ▶ Per- and polyfluoroalkyl substances (PFAS)
- ▶ Organochlorine pesticides (OCPs)
- ▶ Acid sulphate soils (ASS and PASS)

The treatment approach differs depending on the contaminant type and composition, and the matrix it is contained within. Ennovo personnel have experience in designing and operating a range of treatment equipment and processes including packaged water treatment plants, specialised soil treatment machines such as the Komatsu Reterra, and facility fixed plant equipment. The processes undertaken include the following:

- ▶ Chemical Fixation and Stabilisation (CFS)
- ▶ Bioremediation
- ▶ Chemical reduction
- ▶ Chemical oxidation
- ▶ Absorption and adsorption
- ▶ Ion exchange

Ennovo also have laboratory facilities that allow treatment trials to be undertaken. These trials can be used to develop new treatment approaches, optimise existing approaches or to gain regulatory approvals. Our skilled scientists and engineers are able to design and develop a fit for purpose treatment approach to meet required outcomes.



– SERVICES

Site Assessment and Remediation

The contaminated land industry can be a complex web in which to navigate for site owners.

There is a myriad of competing regulatory, technical, and financial challenges that must be traversed in order to meet the required outcomes. This can only be achieved by having a great deal of experience coupled with knowledge and a level of pragmatism in order to meet stakeholder expectations.

Ennovo provides total management services for contaminated land projects, that also encompasses operating and closed landfills. Our team is able to provide technically robust approaches to all facets of contaminated land projects in a pragmatic and cost-effective manner. We work across the entire spectrum of contaminant types from landfill gas (LFG) to soil vapour to heavy metals to PFAS and provide the full suite of services.

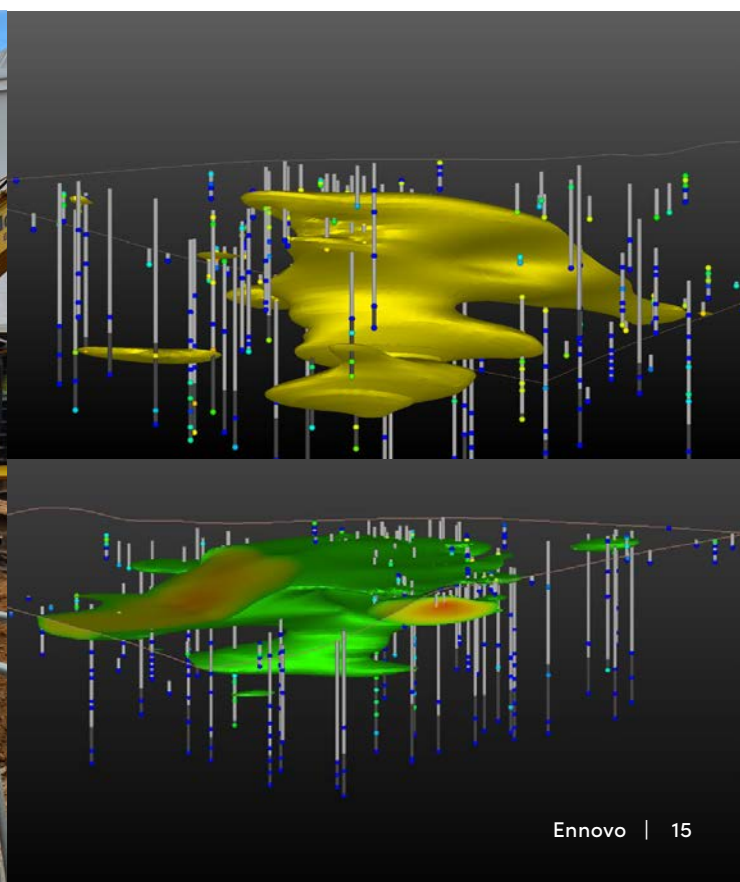
The Ennovo team includes scientists and engineers that complement each other to ensure the best outcome for any project. This starts from the initial desktop assessment (PSI) through to the intrusive site investigation (DSI) and into remediation where required. Ennovo differs from others in the marketplace, where we take on the design

aspect of remediation and deliver the site works through project management to ensure continuity throughout the entire project cycle.

Ennovo brings together assessment, master planning, concept design, remediation design and project delivery to provide the best possible project outcome. Our ability to work across the core areas of environment, remediation and engineering provides a unique offering in the marketplace.

Our contaminated land services include the following:

- ▶ Site assessments including PSI/DSI/ESA/RMP
- ▶ Waste classification
- ▶ Landfill gas (LFG) risk assessment
- ▶ 3D modelling – contaminant and geology
- ▶ GIS and data management
- ▶ Asbestos in soil
- ▶ Vapour and groundwater management
- ▶ Risk assessment – Human health and environment
- ▶ Contaminant fate and transport modelling
- ▶ Contaminated soil and groundwater treatment
- ▶ Site remediation planning and design
- ▶ Project management and contractor engagement
- ▶ Data management
- ▶ Monitoring and reporting



Engineering and Design Services

Ennovo is comprised of skilled and experienced engineers, scientists and technical specialists that provide pragmatic solutions for our clients.

We are able to manage all stakeholders involved in the engineering and design of waste management facilities, biogas management systems, site remediation systems and projects across the board.

The Ennovo engineering team undertake the master planning, design, tendering, construction supervision, contract management and validation of new and operational waste management facilities. We ensure we are up to date with the latest design approaches and meet industry best practice and regulatory requirements.

At Ennovo, we are intimately aware of the unique industry environment in which our waste management and property development clients operate and pride ourselves on providing practical solutions to address the complex issues faced. We have extensive experience providing the complete suite of services associated with the design, management, construction and monitoring of landfills, resource recovery facilities and remediation systems.

We are well placed to assist our clients with responding to the need for continual development and improvements in circularity, waste avoidance, material reuse and resource recovery, in alignment with the waste management hierarchy. Our experience allows us to collaborate effectively with

our government and private waste management clients to develop strategic plans for the provision of waste management services and infrastructure.

Our core competencies in this area includes the following:

- ▶ Landfill gas (LFG) gas collection systems (GCS) design
- ▶ Landfill gas (LFG) extraction system design including blowers and flaring systems
- ▶ Biogas systems and renewable energy design
- ▶ Landfill rehabilitation
- ▶ Construction Quality Assurance (CQA) and certification
- ▶ Waste facility master planning and approvals
- ▶ Leachate management system design
- ▶ Waste licensing amendments and approvals
- ▶ Technical waste management/treatment assessment
- ▶ Whole of life modelling including CAPEX and OPEX forecasting for landfills incorporating operational, monitoring, rehabilitation, and post-closure requirements
- ▶ Project management
- ▶ Waste to resource product plans
- ▶ Waste feasibility assessments
- ▶ Waste auditing
- ▶ Funding applications
- ▶ Cost benefit analysis
- ▶ Waste management risk assessments
- ▶ Technical and commercial due diligence
- ▶ ERF Reporting



— SERVICES

Advisory and Strategy

Value is created in the planning stages of the project lifecycle, and seeking quality advice on strategy during the feasibility stage is critical.

Environmental regulations, guidelines and licensing are constantly evolving which makes navigation through this landscape challenging. Ennovo unlocks value for its clients by providing pragmatic advice for contaminated sites, waste materials, waste facilities, renewable energy projects, and development approvals based on real world experience founded by a history of working at the coal face. The knowledge and experience gained from lessons learnt across various projects and sectors can eliminate risks and realise opportunities for our clients and their projects.

Ennovo are strong advocates for our clients and confident in our value-add proposition to the extent that numerous engagements are undertaken in risk share arrangements. This approach has been used for waste processing

projects where there is a beneficial use for waste products, as well as site remediation and asset management projects.

Ennovo are able to provide advice and develop strategies related to the following areas:

- ▶ Property transaction and divestment
- ▶ Property development applications
- ▶ Waste management facility development, network optimisation and strategies
- ▶ Waste stream processing and value adding
- ▶ Renewable energy and carbon credit generation and management
- ▶ Environmental project approvals
- ▶ Remediation and development strategic advice
- ▶ Project Management, including Design and Construct
- ▶ Cost benefit analysis



Monitoring and Maintenance

Monitoring and maintenance services are an important part of operating waste management facilities.

All our personnel are experienced and trained to undertake monitoring and maintenance across a range of applications including the following:

- ▶ LFG perimeter monitoring bores
- ▶ LFG extraction well monitoring and balancing
- ▶ Gas collection system (GCS) optimisation
- ▶ Biogas flaring and extraction systems
- ▶ Leachate and groundwater treatment systems
- ▶ Landfill surface emission monitoring
- ▶ Building gas monitoring
- ▶ Service pit gas monitoring
- ▶ Groundwater monitoring
- ▶ Surface water monitoring

Regarding landfill applications, we carry a range of equipment that all our personnel are trained in operating. This includes ensuring equipment is within the manufacturer's calibration time frame and bump testing on known concentration gas appropriate for the ranges expected at site. Records are held for inspection and inclusion into documentation required as part of project requirements.



– SERVICES

Data Management and Reporting

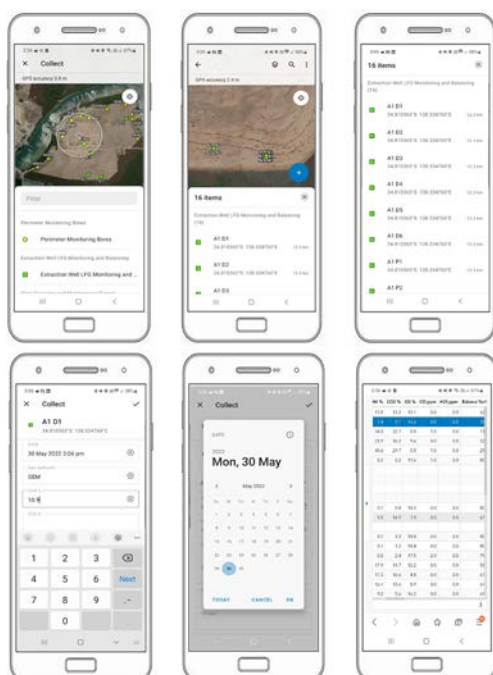
Data management is a critical component of any operation, especially where there is a high degree of regulatory compliance required.

The equipment we provide coupled with our trained personnel are a great combination to provide a very high level of data management, interpretation, and reporting.

Our equipment such as our flares, biogas engines, Low-Cost Leachate Telemetry System, and continuous gas analysers, all have data managed via cloud-based servers, accessed through bespoke portals for clients and other stakeholders. Data can be viewed in real-time and provides a great way in which to view and manage operations and inform decision making.

Ennovio has also developed our own Field Data Management Systems (FDMS), whereby all data and relevant information is immediately uploaded and provides a very high level of management. This data is typically collected from the following:

- ▶ Landfill gas (LFG) balancing.
- ▶ Landfill gas (LFG) perimeter monitoring bores.
- ▶ Indoor air sampling.
- ▶ Contaminated site investigation



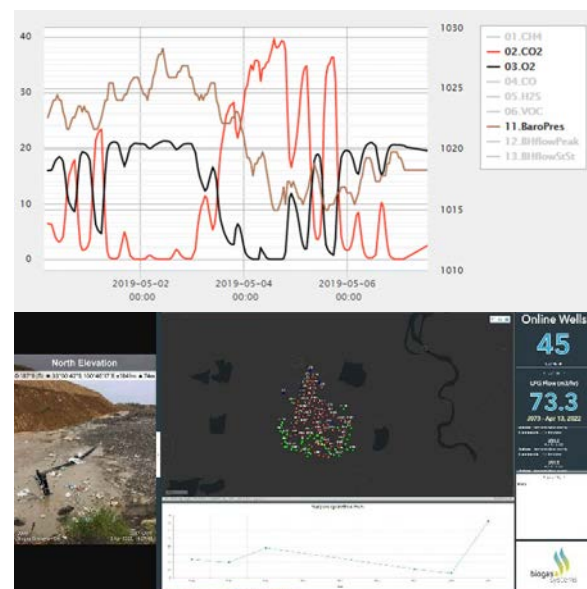
In summary, the advantages of collecting data in this manner is as follows:

- ▶ Allows real time uploading of data to a secure platform.
- ▶ Monitoring locations in a GIS format for high degree of data interrogation.
- ▶ Data can be viewed in real time while the Technician is in the field, allowing any potential issues to be identified by additional personnel located anywhere, including the client.
- ▶ Centralises secure data in a single location.
- ▶ Previous monitoring events can be viewed including data, observations, and photos during monitoring.
- ▶ Additional detail such as observations, photos and conditions can be recorded and assigned to specific areas or wells.

An example of the FDMS is presented below.

Data collected from the FDMS is managed and accessed on our bespoke cloud-based data dashboards. This provides a high level of data management and interrogation. The advantages of the Online Interactive Dashboard are as follows:

- ▶ Collected data can be integrated with historical data.
- ▶ Easy and simple interrogation of data, trends, and observations.
- ▶ Access provided to client via secure login and training provided.
- ▶ Broad range of information can be uploaded and easily managed.
- ▶ Centralised data source to ensure single point of truth.
- ▶ Data can be exported in MS Excel format.



Equipment

Ennovo provides a range of biogas, leachate and groundwater management systems. These are designed in-house and manufactured to the highest standards.

— EQUIPMENT

High Temperature Flare Range

Our high temperature (HT) flare range provides an ideal solution to meet the increasing regulation regarding emissions from landfills and anaerobic digester facilities.

Control of the combustion gasses is critical to a successful application of this approach to meet emission standards.

Our flare systems meet Type B compliance as well as Emission Reduction Fund (ERF) compliance. This ensures that biogas, from either landfills or anaerobic digesters, combusted in our flares can generate valuable carbon credits and enables projects to be much more cost effective while leading to positive environmental outcomes.

Our high temperature flare systems include the following range and specification:

- ▶ Custom built flow rate range from 250 to 10,000 m³/hr.
- ▶ Gas booster custom built to requirements up to 350 mbar (total head)
- ▶ Automatic flame temperature control.
- ▶ Non-visible, partially pre-aerated, turbulent diffusion flame combustion.
- ▶ 1000°C minimum design temperature.
- ▶ Retention time: 0.3 to 0.6 seconds
- ▶ A range of optional instrumentation including flow rate, inlet gas and emissions analysis.
- ▶ Remote access and control, data-logging, and SMS text options.
- ▶ High reliability landfill gas pilot.
- ▶ Controls heat loss to the environment.
- ▶ Fully enclosed and burn with no visible flame.
- ▶ Can be designed as a natural or forced draught system.



— EQUIPMENT

Lo-Cal Flare Range

The innovative Lo-Cal High Temperature (HT) flare is designed to provide greater gas control during the latter phases of a landfill site, or gas with a low methane concentration.

The Lo-Cal HT flare range enables LFG migration and odour control on landfill sites where conventional plant and equipment has failed.

High temperature combustion of LFG with low methane concentration is necessary on more and more landfill sites due to increased aftercare requirements. Decreasing gas volumes and lower gas methane concentration require innovative solutions. These systems have been successfully implemented on landfill sites for more than 20 years across Europe, and entered the Australian market through Ennovo over 7 years ago. The unique feature of this flare is that it has been proven to combust methane at 12 %v/v at over 1,000°C ensuring greater than 98 % destruction efficiency and compliance with Emission Reduction Fund (ERF) requirements.

The Lo-Cal flare range has been designed to comply with the most stringent international emission standards, Emission Reduction Fund requirements and Type B compliance.

Our Lo-Cal flare systems includes the following range and specification:

- ▶ Automatic flame temperature control
- ▶ Custom built flow rate range from 30 to 1,000 m³/hr
- ▶ Gas booster custom built to requirements up to – 250 mbar
- ▶ Non-Visible, Pre-Aerated, Turbulent Diffusion Flame Combustion
- ▶ Flame temperature: 950°C minimum at 12 % v/v CH₄
- ▶ Retention time: 0.3 to 0.6 seconds
- ▶ A range of optional instrumentation including flow rate, inlet gas and emissions analysis
- ▶ Remote access and control, data-logging, and SMS text options.
- ▶ High reliability landfill gas pilot.
- ▶ Controls heat loss to the environment.
- ▶ Fully enclosed and burn with no visible flame.
- ▶ Can be designed as a natural or forced draught system.



— EQUIPMENT

Elevated Flare Range

Our elevated flare range of open flare stacks provides a good degree of control over the combustion process in an elevated flame burner, whilst remaining highly flexible and portable.

They are ideal for temporary or emergency mobile systems on landfill sites, for resource assessments, or can be used at municipal wastewater treatment plants and other anaerobic digesters.

The burner-tip arrangement is based upon the principle of pre-aerated combustion, giving the option of a short, sharp, non-luminous flame, as opposed to the yellow-tipped, long lazy flame typical of other diffusion burners.

The increased aeration reduces flame yellowing, which in turn reduces radiant heat, this allows a shorter flare without an increase in ground temperatures.

Our temporary flare systems includes the following range and specification:

- ▶ High-intensity, low-luminosity flame.
- ▶ Booster turn-down to zero flow without surging.
- ▶ Manual flame temperature control.
- ▶ Fully stainless steel construction as an option.
- ▶ Skid or trailer mounted for ease of movement around site.
- ▶ A range of optional instrumentation including flow rate and gas concentration measurement.
- ▶ Remote access and data logging options.
- ▶ Direct spark ignition, removing the need for a pilot.



— EQUIPMENT

Continuous Gas Monitors

Ennovo are proud to be associated with AmbiSense Ltd as a distributor and service support provider across Australia for their Gasflux™ continuous monitoring device.

Gasflux™ is the world's first continuous gas and flow monitoring device (patent pending) for LFG and ground gas applications. The technology enables real-time monitoring of landfills, brownfield sites, onshore O&G facilities and industrial sites, for a range of applications and desired outcomes.

Continuous monitoring is an excellent way to quickly build up an accurate representation of LFG and ground gas behaviour on contaminated land and landfill sites, coal and other O&G facilities. Monitoring of gas concentrations alone does not always provide a complete picture, and relying on spot flow-measurements often leads to sites being characterised in an overly conservative manner, adding unnecessary costs in terms of potential gas mitigation measures.

Gasflux™ is a platform technology providing continuous monitoring of gas and air, reporting the data via telemetry systems to be stored on a cloud network. The comprehensive data set can then be used in a wide range of applications to provide valuable insights to LFG and ground gas behaviour.

The Gasflux™ units can be installed on a range of pipe diameters and in a range of applications, not just monitoring bores. This provides greater flexibility for LFG and ground gas monitoring with a wider range of deployment. The Gasflux™ units can also be used in LFG collection system optimisation, as they can be used for large pipe diameter deployment and an array.

The Gasflux™ software interface includes the following:

- ▶ Secure customer login
- ▶ Integrated with google maps
- ▶ Fully customizable data-views
- ▶ Set alert and action trigger levels
- ▶ Connect external databases
- ▶ Interface with Scada systems
- ▶ Mobile, tablet and PC ready

The Gasflux™ technical specification is as follows:

- ▶ Sampling frequency customisable: 1 to 24 hourly
- ▶ CH₄: 0-100 %v/v, typical accuracy ± 2 %v/v
- ▶ CO₂: 0-100 %v/v, typical accuracy ± 2 %v/v
- ▶ O₂: 0-25 %v/v, typical accuracy ± 1 %v/v
- ▶ CO: 0-500 ppm
- ▶ H₂S: 0-200 ppm
- ▶ tVOCs: 0-4000 ppm
- ▶ Pressure: Gauge ± 150 mB
- ▶ Humidity: 0-100% RH (non-condensing)
- ▶ Temperature: -10 to +40 °C
- ▶ External interface: voltage or 4-20mA inputs e.g. thermal flowmeters
- ▶ Borehole flow: -7 to 60 L/hr
- ▶ Power 4-week battery life, indefinite with supplied solar charging device.
- ▶ Internal memory storage for data back up (total 800 samples)
- ▶ Communications GSM & 3G/4G
- ▶ Physical dimensions 360 x 220 x 200 mm; 2.4 kg; IP68-rated enclosure; Wall/pole mountable
- ▶ Suitable for installation on bore holes, wells, manifolds and pipes



— EQUIPMENT

Leachate Telemetry System

Ennovo provides a unique service offering in the management of leachate on landfill sites, through the development of our Low-Cost Leachate Telemetry System (LCLTS).

This system is able to monitor leachate level, an important regulatory requirement for any landfill, and pumped leachate volume. The system can be fitted to existing leachate pump systems and is telemetry enabled to provide real time data and set alarms.

https://ennovo.com.au/wp-content/uploads/2023/01/Dual_Wellhead_Resize.jpg

This LCLTS has the advantages over other systems as follows:

Low-Cost.

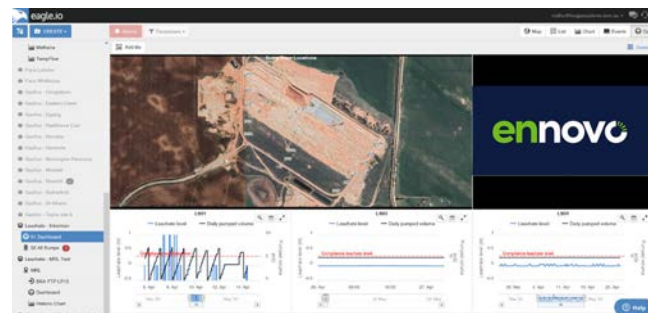
- ▶ Reduced labour requirements
- ▶ Relatively low capital and operational cost

Real time data viewed on interactive dashboard.

- ▶ Set regulatory set points and alarms
- ▶ Downloadable data sets
- ▶ Upload service reports
- ▶ Easily accessible by multiple users

Applicable to most leachate pump systems.

- ▶ Airwell and QED pump systems
- ▶ Proven Track Record.



Power Generation

Ennovo offers tailored power generation systems for landfill and anaerobic digester applications.

We use a range of various engines depending on the application, but specialise in adapting these engines for ease of commissioning, maintenance and ensuring they are cost effective.

Our power generation systems range from single 150 kW engines for small-scale applications, to 1 MW modular systems. All equipment is maintained using local inhouse experienced personnel to ensure the highest level of support and to maximise electricity output.

We also provide a range of support equipment that is required to ensure the biogas is suitable for engine combustion. This includes the following:

- ▶ Hydrogen sulphide scrubbers
- ▶ Siloxane removal systems
- ▶ Chillers



Contact

We would love to hear about your project and discuss how we at Ennovo can assist in its delivery. Talk to us about how we can help, either give us a call or email us a message.



We have locations across Australia

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