

21 November 2023

Company Announcements Office
ASX Limited
Level 4, 20 Bridge Street
Sydney NSW 2000

Bell Potter Environmental Conference

The Environmental Group Limited (the **Company**) (ASX: EGL) is pleased to participate in the Bell Potter Environmental Conference 2023, as a market leader in the sector.

This announcement has been approved for release by the Board.

For further information, please contact:

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About EGL

EGL has five business units, all committed to the protection of the environment by improving air quality, reducing carbon emissions, enhancing waste treatment, and lifting water quality.

- **EGL Clean Air - Total Air Pollution Control (TAPC) and Airtight Solutions** has a range of technologies which reduce dust, odours, and harmful gasses from the environment.
- **Baltec IES** - produces inlet and exhaust systems for gas turbines, which are used to complement and augment solar and wind energy production.
- **EGL Clean Energy- Tomlinson Energy Service & Ignite Services** offers a network of service offices across Australia providing 24/7 service, maintenance and repairs of both proprietary equipment and other OEM equipment. The division also provides an essential link in our strategy to build a bio/waste to energy platform.
- **EGL Water** division continues to develop our patented technologies in conjunction with Victoria University. EGL recognises that one of the world's most valuable assets is water and will persist in our vision to reduce water pollution, leading to an improved environment, through low-cost technology solutions.
- **EGL Waste Services** provides the sales and services platform for the exclusive Turmec Agency agreement in Australia, Turmec are specialists in recycling solutions for the global waste industry, providing bespoke systems that enable their customers to efficiently recover high-quality material from waste, reducing the need for landfills.

Bell Potter Environmental Conference

The Environmental Group Limited

Engineering a sustainable future

Jason Dixon CEO – November 23



Presentation should be read in conjunction with Annual Report 30 June 2023



EGL Waste encapsulates our service offering to the waste industry; world class recycling plants, dust extraction systems, odor control, boilers & autoclaves, Combustion technologies for biomass boilers and waste to energy plants.
Estimated addressable market: \$4-7.8 billion

EGL Water division has enhanced patented technology designed to protect our environment by the removal of Per- and polyfluoroalkyl chemical substances (PFAS) from contaminated water.
Estimated addressable market billion's



Total Air Pollution Control (TAPC) & Airtight Solutions provides highly efficient state-of-the-art industrial air pollution control technologies that prevent harmful gases, particulate matter, and odours from being released into the environment.
Estimated addressable market: \$400 million

Tomlinson Energy Service & Ignite Services are one of Australasia's largest fully accredited gas fired service and packaged boiler providers, with an extensive service network spanning across Australia. Estimated addressable market: \$150 million

Baltec IES supports the gas turbine industry in its role in assisting the transition from coal-powered energy generation by providing engineered products and custom designs specifically to meet clients renewables applications.
Estimated addressable market: \$300 million

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Australian waste management landscape

- FY21 Australia generated 75.8 Mt of waste including 25.2 Mt of building and demolition materials, 14.4 Mt of organics, 12.0 Mt of ash, 7.4 Mt of hazardous waste, 5.8 Mt of paper and cardboard, 5.7 Mt of metals and 2.6 Mt of plastics.
- In 2020–21, 28.0 Mt of waste was disposed of, representing 37% of all waste generated.
- Australia has regulated its exports of glass, plastics and tires, and will regulate paper and cardboard from July 2024. The rules generally aim to ensure that exports are ready for use as a product, and do not require further processing.
- National Waste Policy Action Plan requires an 80% average resource recovery rate from all waste streams following the waste hierarchy by 2030.
- That is an increase of 17% or 12.9MT more resource recovery in the next 6 years.
- Since 2016-2017 the resource recovery rate in Australia has gone up by just 2.2%.
- In 2020 was \$17 billion spent on waste services, 18% increase since 2016-17 (source ABS).



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Australia has a history of landfill due to our large extractive industries and vast open spaces

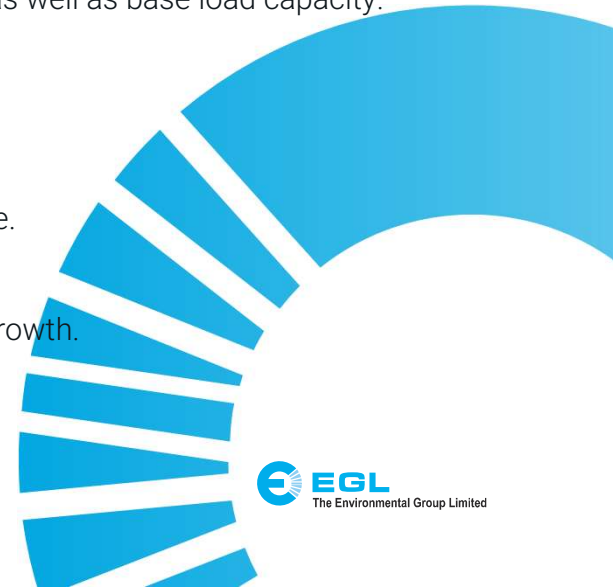
- Australia is a growing market for resource recovery solutions as momentum builds towards a circular economy.
- The key focus of policy makers and government entities have introduced, levies and capital grants to encourage the diversion of waste from landfills.
- Over time governments are banning the export of waste from Australia.
- The forecast capital spend by the end of 2025 is \$4.8b - \$7.0b (Citic).
- Engineered solutions are required to transform waste into valuable products.
 - Construction & Demolition waste – road base
 - Organic waste - biomass fuels, syngas
 - Soft plastics – Refuse Derived Fuel
 - Municipal Solid Waste – waste to energy
 - Hard plastics – PET recycling



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How does EGL capture the value out of the rapidly changing landscape?

- “One EGL” offers the waste industry a one stop shop to deliver sustainable engineering solutions backed up by a full-service offering.
- Our clients are common across many of our business units.
- Industry needs to keep operating but is evolving and can do it better, such as without gas & vapour control systems we can't produce lithium for batteries or rare earths for electric vehicles.
- Gas turbines are required for energy transition but need to be engineered to run in peaking load as well as base load capacity.
- The same technology can be used for waste to energy plants.
- We must invest significantly in recycling plants if we are going to hit our mandated targets.
- These plants require dust extraction control systems to prevent air pollution.
- Efficient steam production is required for food safety, dairy industry, hospitals and medical waste.
- We need to clean up our sins of the past and remove pollutants (PFAS) from the environment.
- With net cash of \$9M at the end of the financial year we have the balance sheet to support our growth.



Appendices

Our operating units



Tackling Australia's Waste Challenge

Australia faces a waste management challenge and is well behind the rest of the global curve in the uptake of waste to energy solutions.

- EGL Waste division encapsulates many of EGL's service lines and is ready to address Australia's waste management issue.
- Turmec's world class recycling plants under the exclusive Australian agency.
- Dust extraction and asbestos detection systems in waste processing facilities.
- Boilers and autoclaves in the medical waste treatment sector.
- Combustion technologies for biomass boilers and waste to energy plants.
- PFAS and liquid waste treatment plants.
- After sales service and parts supply.





Unleashing Energy Efficiency for a Sustainable Future

Efficiency in energy use and flexibility in fuel choice is essential to maintaining both public and private services across the country as Australia strives to achieve our government committed emission reduction target by 2050.

- EGL Energy (Tomlinson & Ignite) offers a network of service offices across Australia providing 24/7 service, maintenance and repairs of both proprietary equipment and other OEM equipment.
- Sale and Installation of cost-effective boilers with a design focusing on maximum reliability, long-term operating efficiency, fuel flexibility and ease of access for inspection and maintenance.
- Ongoing service and maintenance of boilers burners and steam equipment through a national network of service technicians.
- With the rising cost of natural gas our clients are looking for the optimization of their combustion efficiency and alternate fuel sources such as biomass boilers using waste products to generate heat and hydrogen as an alternate fuel source.





TAPC Leading the Charge Against Emissions!

TAPC - Gas & Vapour emissions from our mining, manufacturing and waste industries account for a large proportion of air contaminants in Australia. The EPA requires all states and territories to take reasonably practical steps to eliminate or minimise them from entering the environment.

- TAPC designs, manufactures and services flue gas treatment systems which prevent harmful contaminants being discharged into the atmosphere.
- Scrubbers including dry and wet for the removal of particulates and gaseous contaminants.
- Electrostatic Precipitators & Bag filters for particulate removal and flue gas clean up.
- On going service, parts and maintenance of pollution control equipment.
- A team of specialist engineers and designers who understand the clients need for specialist pollution control equipment.





Breathing Easy with Airtight Solutions!

Airtight - Dust & Fume control by designing, installing, and maintaining air pollution control equipment, Waste-to-Energy via extensive range of waste reduction technologies and after sales servicing.

- The acquisition represents a major expansion of EGL's presence in the air pollution control markets.
- Extends EGL's solutions offering to include small and medium size airborne dust collection solutions and associated services and products.
- At the acquisition, synergies were expected to be approximately \$2M. Our clients in the waste sector have responded very well to the acquisition and our tender pipeline for dust extraction systems on waste plants already far exceeds this number.
- The Airtight integration is underway with the business now on our systems, processes and procedures. While it has been a significant learning curve for Airtight, the culture is moving to one of accountability and business discipline.
- There is a significant opportunity to service and maintain existing installed capacity.





Embracing the Future: Shifting from Coal to Clean Energy!

The phasing out of coal powered energy needs to be accompanied by a ramp-up in clean energy that can make up for lost capacity.

- With the global energy crisis, the generation industry is trying to find the right balance between renewable energy and traditional energy sources requiring engineering solutions.
- Turbine performance enhancement for lower emissions and higher output.
- Noise abatement is a critical issue in the social license to operate.
- We have developed the gold standard in silencer design for gas turbines operating in peaking load capacity supporting the renewable energy systems.
- The technology development of the solar farm inlet system to prevent dust impacting inverters is an exciting new market using our unique IP, first order received.
- The same clients running gas turbines are rolling out the solar farms with over 151 in Australia over 5MW.





Battling the Global Challenge: Addressing Persistent Chemical Accumulation!

The accumulation of persistent chemicals that do not break down naturally in our environment is a global problem governments are struggling with.

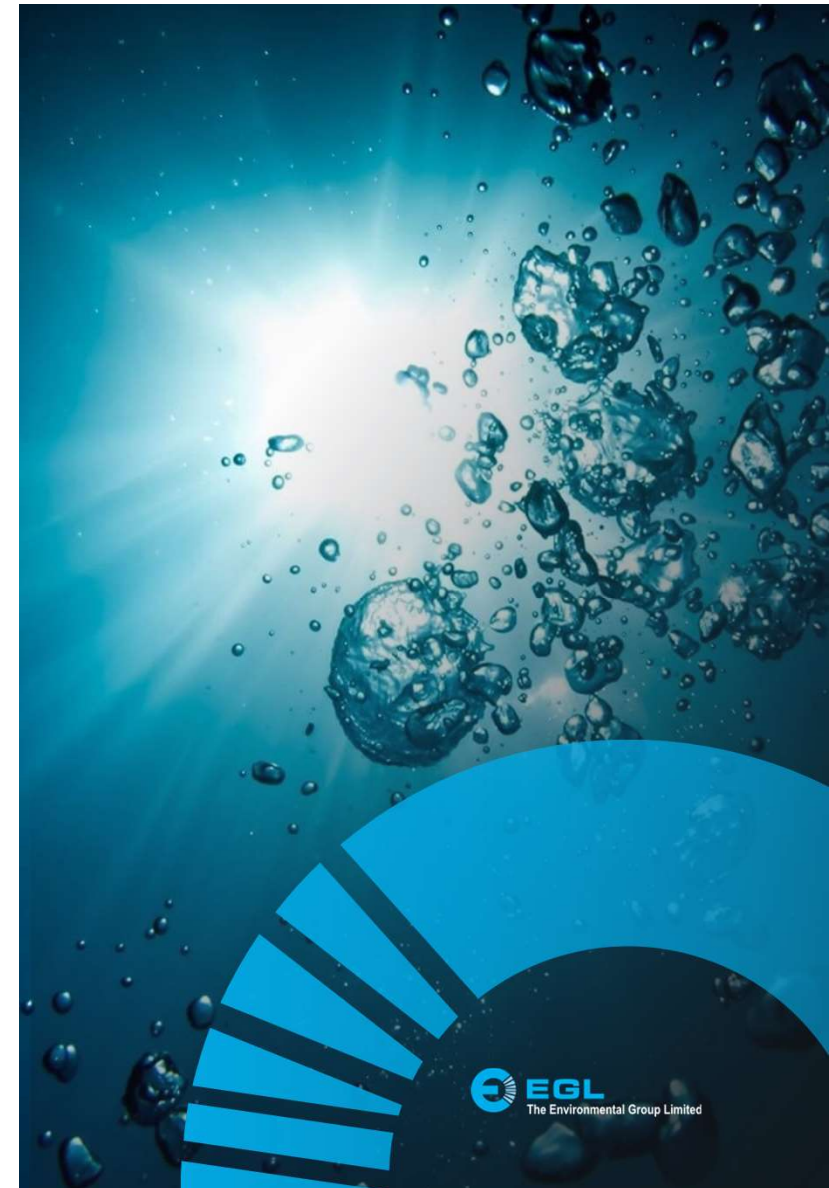
- EGL Water division has enhanced patented technology designed to protect our environment by the removal of Per- and polyfluoroalkyl chemical substances (PFAS) from contaminated water.
- PFAS was primarily used in aircraft fire fighting as a fire retardant however its use expanded into plastics and clothing prior to its detrimental impact on our environment being fully understood.
- Successful class actions have highlighted increased awareness and the urgent need to find solutions to remove contamination in water, soil, landfills, farmland and housing estates.
- EGL recognises that one of the world's most valuable assets is water and will persist in our vision to reduce water pollution, leading to an improved environment, through low-cost technology solutions.





Celebrating Milestones: Transforming PFAS Waste Management!

- All PFAS waste streams treated resulted in regulated PFAS being removed to below detectable levels, proving the effectiveness and versatility of the technology.
- In June 2023 we received an order for the plant with the sale of our first plant subject to the sites EPA approval.
- Commenced the marketing of our PFAS plants to the different markets and customers.
- Our system allows us to tailor make each plant to meet specific customer requirements and allows us to target a wide range of markets such as Airports, Water Authority's, Petrochemical and local Government (landfill).
- Our low-cost system which is designed and built in Australia is cost effective way to deal with the PFAS problems that are continuing to see emerge.
- While working through the approval process has taken longer than expected we believe the final hurdles for approval will be concluded shortly.
- Interest in the technology is strong with the processing of samples for over four potential clients currently underway.





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