



**ENVIRO**  
WASTE SYSTEMS  
POWERING A SUSTAINABLE FUTURE

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## **About EWS**

Enviro Waste Systems is an Australian development company providing specialist development and delivery of tailor-made, Sustainable, Integrated, Waste Management solutions .Providing Resource Recovery and Renewable Energy Generation throughout Australia and the Oceania region.

We believe strongly that waste currently being sent to landfills has a more Economical and Ecologically Sustainable application. We are determined to meet the challenge of creating a society with Zero Waste to Landfill.

## **Our Mission**

**A world where there is zero waste to landfill & reduced fossil fuel consumption for energy generation & other applications**

Enviro Waste Systems and our Members are dedicated to solving and being part of the solution to one of our biggest and least spoken about, social and environmental issues - this being the current dependency on land filling our waste. This outdated method causes many environmental issues including, for example, the production of Methane Gas from the decomposition of the waste.

When Methane Gas is released into the atmosphere it is 20 times more harmful than Co2 to the environment and traps 24 times more heat in our atmosphere than Co2, making it, in equivalent terms, as damaging to the environment as all of the worlds transportation utilities (Cars, Trucks, Ships, Planes, Trains etc.).

Simply by finding a better way to treat and utilise waste destined for landfill, we can improve the sustainability and future of our planet.

Energy Generation using fossil fuel does not only cause damage to our planet, but is also un-sustainable. It involves digging or drilling fossil fuels out of the ground, transporting them, then burning for the generation of Power and Heating or Cooling processes. Once is it used it does not regenerate, unlike waste to energy. Using fossil fuel, we pollute and harm the ecosystem and shorten the lifecycle of our planet.

Enviro Waste Systems intends to change this, by utilising our planets waste as a sustainable fuel. With the ongoing development of clean technologies for the treatment and recovery of energy, Enviro Waste Systems will provide the maximum amount of recovered energy while maintaining our mission:

**“To Reduce, Reuse, Recycle and Recover materials wherever possible”.**



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## What we Do

Our Core Business is broken down into three main areas of focus. These areas lend themselves to further diversification to tailor the right solution for either our client or our development partners.

### *- Public Private Infrastructure Developments*

Enviro Waste Systems blends multiple technologies and systems together into a singular development which provides large scale public /private waste management, treatment and disposal infrastructure, combined with large scale sustainable energy generation systems. We provide Base Load Renewable and Sustainable Energy for dispatch into the national energy grid, at the same time reducing the Environmental, Social and Economic impacts to the community. With each 16-20 MWe development, we create on average 70-80 full time mixed skill jobs adding around 8 -10 million dollars into the local economy annually. We divert an average 150,000 – 200,000 tons of waste from landfill, which translates to the reduction of around 300,000 Tonnes of Co2E per year and we Generate on average 120,000 MWh of Renewable Base Load electricity, further reducing the demand on Fossil Fuels for Energy Generation.

### *- Developing Nations Energy & Waste Solutions*

Enviro Waste Systems combines our proven technologies and services to the developing nations throughout the pacific region, providing alternative means for energy generation. We also incorporate waste management systems which are key to assisting the nations transition to a more environmentally sustainable future.

### *- Embedded Energy Generation & Distribution with Integrated Waste Management*

A specialist solution for our industrial clients who generally have a high energy and waste disposal cost. Enviro Waste Systems have developed a small scale Energy Generation and Distribution system which is modular and can be coupled to match the client's own waste and energy needs. This solution can be tailored to provide clients with either Renewable Electricity or Renewable Natural Gas – which ever provides the most economically sustainable solution for that application.

Our energy sales to the client on a BOOT or BOO scheme come with a 25-year fixed price energy agreement allowing for business to stabilize their energy costs long term. This is key for businesses (with the cost of energy continuing to rise at a rapid rate) to further reduce their overheads and avoiding costly waste disposal fees.



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## Our Contributing Partners

Enviro Waste Systems Senior Partners come from a diverse range of backgrounds, from Telecommunications to Public Infrastructure Engineering, from Investment Banking to Construction Engineering. The common thread that brings our team together is *the drive to effect change in our lifetime*.

With a combined 150 years' experience in Waste Management, Biomass to Energy, Multi Discipline Engineering, People Management and Financial Services (comprising of Lending, Acquisitions, Strategy, Investment Management). Our group have contributed to some of the largest Energy from Waste and Renewable Energy Projects through out the country. Enviro Waste Systems is the ideal partner for anyone seeking to adopt smarter more costs effective Waste Management and Energy Control.

Below is a brief introduction to the Senior Partners of Enviro Waste Systems

### **Gary Ridout – CEO (Executive Director), Head of Project Development and Technology Review – EWS**

Gary has 30 years of combustion experience including 18 years working with renewable energy technologies. Gary spent 8 years in the United States where he founded a Renewable Energy company AES, providing integrated total solutions to end users for Heat and Power from renewable feedstocks. He returned to Australia in 2007. Gary is one of the foremost experienced professionals in Australia for the use of non-fossil fuels and their conversion to energy.

### **Chris Uren – Senior Partner, (Executive Director), Head of Engineering, Procurement, Construction & Delivery - EWS**

Chris's Industry sector experience includes Renewable Energy, Petrochemical, Oil & Gas process, Power Generation, piping and gas distribution facilities, including infrastructure operation and maintenance, LPG, LNG, Communications, Water and Waste Water Treatment, Minerals Processing, Industrial Process and Manufacturing, with over 40 years of management experience in Construction, Engineering, Manufacturing and Maintenance. This includes the positions of: General Manager, Business Development Manager and Regional Manager for companies operating in Australia and SE Asia. Most recently employed in a Consulting Proposals Management role for the Development of the Kwinana Waste to Energy Proposal for Acciona/Geotech/John Beever group & Contract Labour recruitment and Project Management for onshore and offshore Oil and Gas facility works as well as Solar Farm erection.

### **Tony Nguyen – Senior Partner & Co-Founder (Chief Financial Officer & International Business) - EWS**

Tony has over 15 years of experience in banking and finance, including 3 years with London bank (which gave him great depth and experience with international monetary markets). With experience in the acquisition and sales of business, and a strong financial and directorship background, Tony is able to offer direction and focus, particularly on market trends in the renewable waste and energy industry. A successful businessman in his own right, having established Omega Energy Group and Performance Oils Australia which holds licensing rights to GULF Oil International and AISIN Motor Oil. Tony's vision is to assist developing nations and the 3rd world to grow into socially sustainable economies. "The people of the world deserve the right to a sustainable life."



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**Robert Miller – Senior Partner (Executive Director), Senior Principle Consultant in Environmental Engineering, Waste Management, Landfill Operations, Bio Mass Applications & Enviro Mental Protection Authority submissions (EESCG)**

Robert is a consulting engineer with over 40 years experience in management of waste disposal and recycling. Involving licensing, construction and operation of many landfills, transfer stations and other waste treatment facilities both local and overseas. Robert is currently on the board of The Grampians Central West Regional Waste Group and a Senior Partner on the board of EWS, his skill sets are invaluable to the growth of the company. With focus in renewable energy involving waste to produce fuel, refused derived fuel, recovery of organics to produce carbon-based products.

### **Our Project Development, Proven Technology and Financial Partners**

**We work with some of the best and the brightest, choosing to partner with Technology providers and Financiers who bring more than just the hardware or the money. We believe in our projects and so do our partners.**

**To find out more and arrange a confidentiality deed please contact:**

**Gary Ridout – CEO (Executive Director)**  
Head of Project Development & Technology Review  
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