

# Enviro Waste Systems Pty Ltd

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## About Enviro Waste Systems (EWS)

Enviro Waste Systems is an Australian development company delivering tailored, sustainable, integrated waste management solutions across Australia and Oceania. Our focus is on resource recovery and renewable energy generation, transforming waste into valuable energy and materials.

We believe landfill is an outdated and inefficient use of resources. Our goal is to transition toward a **zero waste to landfill** future by deploying advanced waste-to-energy and recovery technologies.

## Our Mission

To eliminate waste to landfill and reduce reliance on fossil fuels by advancing:

**Reduce • Reuse • Recycle • Recover**

## The Challenge

Landfilling waste generates methane, a greenhouse gas significantly more harmful than CO<sub>2</sub>, contributing heavily to climate change. At the same time, fossil fuel-based energy remains unsustainable and environmentally damaging.

By converting waste into energy, we address both issues—reducing emissions while creating a renewable, continuous energy source.

## What We Do

### 1. Public-Private Infrastructure Developments

EWS designs and delivers large-scale integrated waste and energy infrastructure combining multiple proven technologies.

Typical project outcomes (per 16–20 MWe facility):

- 150,000–200,000 tonnes of waste diverted annually
- ~300,000 tonnes CO<sub>2</sub>-e emissions reduction per year
- ~120,000 MWh of renewable baseload electricity generated
- 70–80 full-time jobs created

- \$8–10 million annual local economic contribution

## **2. Developing Nations Solutions**

We provide scalable waste management and renewable energy systems across the Pacific and developing regions, supporting sustainable economic and environmental development.

## **3. Embedded Energy & Waste Solutions (Industrial)**

Modular, on-site systems for industrial clients with high energy and waste costs:

- Converts waste into renewable electricity or renewable natural gas
- Customised to client demand
- Delivered under BOO/BOOT models
- Includes long-term (up to 25-year) fixed-price energy agreements

This enables businesses to stabilise energy costs and eliminate landfill disposal expenses.

## **Our Team**

EWS brings together over **150 years of combined experience** across waste management, renewable energy, engineering, and finance.

### **Gary Ridout – CEO & Executive Director**

Head of Project Development & Technology Review

- 30 years in combustion and energy systems
- 18 years in renewable energy
- Founder of a US-based renewable energy company
- Specialist in non-fossil fuel energy conversion

### **Chris Uren – Executive Director, EPC & Delivery**

- 40+ years in engineering, construction, and infrastructure
- Experience across energy, oil & gas, water, and industrial sectors
- Involved in major waste-to-energy and energy infrastructure projects

### **Tony Nguyen – CFO & International Business**

- 15+ years in banking and finance, including international markets
- Expertise in acquisitions, strategy, and energy markets
- Founder of multiple energy-related businesses

### **Robert Miller – Executive Director & Environmental Engineering**

- 40+ years in waste management and environmental engineering
- Specialist in landfill operations, licensing, and regulatory approvals
- Board member, Grampians Central West Regional Waste Group

## **Our Partners**

We collaborate with leading technology providers and financial partners who share our commitment to delivering commercially viable, sustainable infrastructure solutions.

## **Contact**

For further information or to arrange a confidentiality agreement:

**Gary Ridout**

CEO & Executive Director

Head of Project Development & Technology Review

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