



**CANBERRA
REGION**

CITY · COAST · ALPINE · TABLELANDS

▶ **INVESTING IN THE
CANBERRA REGION**

WASTE MANAGEMENT & RESOURCE RECOVERY

WASTE MANAGEMENT AND RESOURCE RECOVERY IN THE CANBERRA REGION

With a rapidly growing population and strong regional governance relationships, the Canberra Region is seeking business partnerships fostering innovative and sustainable waste management solutions.

The Canberra Region presents a number of opportunities for waste management and resource recovery, with engaged communities, strong political commitment to sustainable industry and a highly skilled workforce.

Waste stream quantities in the growing Canberra Region are set to grow rapidly in the next 25 years as the population expands, and the ACT is committed to achieving 90% resource recovery by 2025 and a carbon neutral waste sector by 2020.

WASTE AS A RESOURCE

The Canberra Region Joint Organisation, a cross-border alliance of Canberra Region local governments and the ACT Government, are committed to waste as a resource. With the ACT generating around 1 million tonnes of waste in 2014–15, considerable waste stream mapping has been done to inform investment in the waste management industry.

This waste as resource approach will support new regional business opportunities and employment based around resources recovered from waste streams. The Canberra Region aims to maintain the region's beautiful environment, preserve precious resources, and reduce taxpayer costs by minimising the production and transportation of landfill materials and reducing associated greenhouse gas emissions.

THE CANBERRA REGION
TAKES IN SOUTH EAST NSW
AND ACT, INCLUDING
SOUTH-WESTERN SLOPES,
SOUTHERN TABLELANDS,
NATION'S CAPITAL, SOUTH
COAST, SNOWY
MOUNTAINS, AND NSW HIGH
COUNTRY.

Regional economic potential of **\$88 million** to be generated from waste stream processing

The ACT Government is committed to **90 per cent resource recovery** by 2025

The Canberra Region population will reach **680,000 by 2021** and **750,000 by 2031**

There are strong opportunities for commercial operators to work with local Governments to establish waste management models to service the broader region. For example, the ACT Government is commencing a 'green bin' pilot program expected to divert over 5,000 tonnes of garden waste from landfill.

BUSINESS OPPORTUNITIES

Strong business opportunities exist around local materials transformation and the Canberra Region Joint Organisation is seeking partnerships and innovative strategies to realise the potential of these opportunities.

The Veolia Woodlawn Bioreactor facility, located at the Veolia eco-precinct near Goulburn, utilises energy from waste material to produce green electricity. Waste is processed in a way that maximises the production of biogas. The waste landfill was once a zinc, copper and lead mine, and now exports enough power to supply over 2,500 households.



Opportunities exist for similar systems and knowledge exchange to facilitate reuse of unwanted goods and generate local enterprise and trade across the Canberra Region, as well as opportunities in data collection, organic materials, and glass transformation.

Capabilities and immediate opportunities identified for potential business and investment include:

- Data collection and centralised data management
- Organic materials (100,000 tonnes p.a.)
- Glass transformation – especially recovered crushed glass as road base alternative (30,000 tonnes p.a.); and
- Mattresses (15,000 units p.a.)

There is also strong potential in metals, bio-solids, e-waste, polystyrene, paper and cardboard, thermo-plastics, and textiles.

The time is right for innovative enterprises to work with governments and communities to fully realise the Canberra region's commitment to waste as a resource.

There are opportunities within the NSW regional areas for considerable infrastructure projects to ensure the NSW EPA Resource Recovery Infrastructure Strategy (RRIS) is met. The RRIS has identified the need for additional infrastructure to service future waste generation.

All information correct at time of printing.

Visit www.canberraregion.com.au for the latest version.

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