

CLEAN ENERGY FINANCE FOR THE WASTE AND RECYCLING INDUSTRY



Australia's waste sector is undergoing an important transition, requiring significant investment in infrastructure and equipment – both upgrades to existing assets, as well as the installation of new assets. By focusing on clean energy technologies, these investments can reduce carbon emissions by diverting waste from landfill, as well as help ensure that waste processing and resource recovery operations are as energy efficient as possible. Importantly, recycling and resource recovery can offset the production of new energy-intensive materials, making a vital contribution to the better management of waste Australia-wide.

HOW WASTE AND RECYCLING BUSINESSES CAN BENEFIT

- Make cost-effective upgrades to infrastructure, equipment, buildings and waste processing facilities
- Lower your operating costs and boost productivity
- Insulate your business from volatile and rising energy prices
- Reduce the carbon emissions of your operations and the waste and resource recovery industry

CEFC FINANCE IN ACTION

LIFT PRODUCTIVITY, UPGRADE EQUIPMENT LOWER EMISSIONS



A national scrap metal and recycling business installed a more energy efficient hydraulic shear to significantly reduce its energy consumption on a per tonne output basis, allowing the business to recycle more scrap metal using comparatively less electricity.



This Victoria and Queensland-based plastic products manufacturer lifted productivity by installing new generation rotational moulding ovens to reduce heating and cooling times. Electricity usage fell more than 35 per cent and gas usage was halved.



This family-owned Victorian waste and recycling company has upgraded to a new wheel loader with larger bucket capacity in order to help reduce diesel consumption and improve operational efficiencies. Savings in fuel alone will be more than 30 per cent compared with the existing equipment.



This multi-franchise car dealership on Sydney's northern beaches installed 1,000 solar panels with 260KW of capacity and 960 LED light fixtures. Electricity costs more than halved, with cost savings net of finance payments projected to exceed \$3.7 million over 20 years.

WHAT YOU CAN FINANCE

NEW SOURCES OF ENERGY

- Energy from waste
- Renewable heat
- PEF and RDF production and use
- Anaerobic digestion
- Bioenergy and biofuels
- Co-generation

LOWER ENERGY USE

- Energy efficient recycling and resource recovery equipment
- Energy efficient waste sorting and processing equipment
- Variable speed drives
- Lighting, heating, ventilation and air-conditioning (HVAC)
- Lower emissions, hybrid and electric vehicles
- Smart monitoring and control devices

REDUCED EMISSIONS

- Organics diversion equipment, processes and projects
- Composting
- Anaerobic digestion
- Biogas flaring
- Use recovered materials to reduce emissions compared with new materials
- Use rooftop solar PV and energy storage

FLEXIBLE FINANCING TO SUIT YOUR NEEDS



The CEFC has worked with banks and other investors to deliver a range of cost-effective financing solutions to help businesses upgrade their waste processing infrastructure, reduce energy consumption, improve productivity and lower emissions. The CEFC works directly with waste and recycling companies to finance larger scale investments. CEFC finance for smaller-scale projects is delivered through our co-financing partners, which provide discounted asset finance for projects which lower emissions.



ENERGY EFFICIENT ASSET FINANCE

0.7% p.a. discount on the standard asset finance rate for eligible energy efficient assets

Loans up to \$5m

Chattel mortgage, hire purchase and finance leases available

Loan terms up to 10 years, and timing of repayments tailored to suit cash flow

100% finance available

anz.com.au

EQUIPMENT FINANCE ENERGY EFFICIENT BONUS

0.70% p.a. discount on the equipment finance rate on qualifying assets for the life of the loan

Loans up to \$5m

Equipment loan, hire purchase or finance lease options available

Tailored repayments to suit cash flows and circumstances

Typically \$0 deposit required

nab.com.au/eeb

ENERGY EFFICIENT EQUIPMENT FINANCE

0.70% p.a. discount on the standard finance rate on qualifying assets

Loans from \$10k up to \$5m

Flexible finance arrangements, with up to 100% financing of the cost of the equipment

Loans terms up to 10 years, with the financed asset usually acting as security

Lending structured to match cash flow cycles

commbank.com.au/energy

ENERGY EFFICIENT FINANCE

0.70% p.a. discount on the standard interest rate on financing for qualifying energy efficiency projects

Loans from \$15k up to \$5m

Finance leases, commercial loans and commercial hire purchase facilities available

Typically, only security over the equipment is required

Loan terms of up to 10 years

westpac.com.au/energy

FORESIGHT GROUP

The CEFC is working with Foresight Group to identify and develop opportunities to invest equity in a range of bioenergy and energy from waste projects in the Australian market. These can include landfill gas capture and destruction; anaerobic digestion; biomass to energy; and the production of biofuels such as Processed Engineered Fuel (PEF) and Refuse Derived Fuel (RDF) which can be used as an alternative to gas or coal-fired generation. Internationally, Foresight Group has financed waste projects with an annual waste processing capacity of 1.9 million tonnes.

RESOURCECO

ResourceCo, one of Australia's leading environmental services companies, converts selected non-recyclable waste streams into Processed Engineered Fuel (PEF). Drawing on CEFC finance, ResourceCo aims to process 150,000 tonnes of waste materials annually at their Sydney plant, diverting waste from landfill. ResourceCo uses a process of shredding, screening and separating waste to create PEF, a dry solid fuel alternative to coal and gas which is suitable for domestic and export markets.

CLEANAWAY

Australia's Cleanaway Waste Management is accelerating its best practice sustainable waste management activities with a range of CEFC financed projects aimed at reducing the amount of waste going to landfill. The first project is the development of a best-in-class resource recovery centre in NSW. When operational, the centre will be capable of processing 150,000 tonnes of waste a year, diverting approximately 40 per cent of waste volume from landfill.

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