VEOLIA

Proposal for a new Advanced Energy Recovery Centre at Woodlawn Eco Precinct

The journey to transform waste into valuable resources

Creating jobs

Investing in regional communities

Recovering energy from waste

Building a circular economy

A facility that will create jobs, support regional communities and generate energy

Veolia is proposing the next phase in sustainable development at Woodlawn, using state of the art technology to build an Advanced Energy Recovery Centre (ARC). The ARC will take waste that cannot be recycled and turn it into energy, producing enough electricity to power 40,000 homes a year.

Building on the existing Woodlawn Eco Precinct in Tarago, the new facility will be an important part of Veolia's continued investment in regional New South Wales (NSW) that will create hundreds of jobs, drive economic growth, and support Australia's environmental shift towards a circular economy.

The ARC will divert up to 380,000 tonnes of waste from landfill every year (enough to fill 172 olympic swimming pools), and turn it into energy using energy-from-waste technology. As a world-leader in sustainable waste management solutions, Veolia owns and operates more than 65 energy recovery facilities globally, and has the expertise to meet the strict environmental standards set by the NSW Environment Protection Authority.

Veolia will consider the environment in the site design, including its operational features, aesthetics, and surrounding greenspace, which will include much of the natural environment in the landscape.

Journey from Eco Precinct to Advanced Energy Recovery Centre

The Woodlawn Eco Precinct has delivered many environmental and community benefits to date, including:

Over **8.5 million tonnes** of waste safely processed, equivalent to the amount of waste generated by 3.5 million Australians per year

Over **450,000 tonnes** of waste processed for mine site rehabilitation

Over **55,000 MWh** of energy generated per year through Bioenergy, almost enough to power all of Goulburn

Over **166,000 tonnes** (CO_2 equivalent) of emissions avoided per annum, equal to 45,000 cars off the road

Using excess heat from the landfill gas engines to sustainably produce **3,600kg** of fish per annum for sale

Over **$12m community grants** provided to more than 1,400 community projects that better local places, enhance spaces and enrich lives

This image is an artist's impression

340 jobs will be created over the lifespan of the project

How does it work?

1. Waste is dried and combusted in a controlled air flow environment at more than 850'C for at least two seconds
2. This high intensity combustion generates heat which produces steam
3. The steam drives a turbine to generate electricity for export to the local power grid
4. Gases are cleaned to the highest standard worldwide and no liquids or odours are discharged

In addition to the energy produced, three other materials are recovered during the process:

1. Bottom ash; non-combustible material such as stones, grit, glass and rocks can be processed into aggregates for eventual use in the construction industry
2. Air pollution control residues; fine dust is filtered, captured and managed within the site
3. Ferrous and non-ferrous metals recovered from the bottom ash; materials are collected and recycled into new metal items

Expanding our operations to include the Advanced Energy Recovery Centre will deliver:

- Over **$600M initial investment** in regional NSW and a further **$2B investment** in lifetime maintenance and employment
- Increasing our capacity to recover non-recyclable waste, diverting up to **380,000 tonnes** from landfill per year
- Generating **30MW** of energy, enough to power 40,000 homes per year
- Further investment in community initiatives, and ongoing commitment to enhance the local environment
- **300 jobs** during construction
- **40 jobs** during operation

Veolia's commitment to the community and the environment

As a leading environmental solutions company, Veolia provides sustainable waste management solutions for households and businesses across NSW and Australia, with a focus on protecting and preserving Australia's resources by:

1. Encouraging people to **reduce** the amount of waste they produce
2. Promoting the **reuse** of materials instead of throwing them away
3. **Recycling** everything that can be recycled
4. **Recovering** waste, energy and water

Veolia works with local and federal governments, manufacturers, industry leaders and communities, to help combat climate change in Australia and improve biodiversity.

Consultation and Connecting with the Community

Veolia has operated the Woodlawn Eco Precinct for nearly 20 years and we pride ourselves on being a respectful and valuable contributor to the local community. This new development will deliver jobs, upgrade local infrastructure and allow us to fund more community initiatives through the Veolia Mulwaree Trust.

We will continue to talk to our neighbours often throughout the planning process, and we are committed to explaining our plans in clear and factual detail. We will also invite all community members to give feedback on our Advanced Energy Recovery Centre proposal.

What happens next?

We are here!

1. Early engagement

Veolia sought initial feedback from the community about its plan for the proposed Advanced Energy Recovery Centre at the existing Woodlawn Eco Precinct.

2. Environmental studies

The formal planning process began when Veolia lodged a development application with the NSW Government. The government then set out the requirements Veolia must address in the Environmental Impact Statement (EIS), such as environmental, economic and social assessments.

3. Ongoing public consultation

Veolia is carrying out the studies to assess the project's environmental, social and economic impacts. Veolia will keep local residents updated as these studies progress. The environmental studies will form the basis of the EIS.

4. Submit the Environmental Impact Statement and development application

The completed EIS will then be submitted to NSW Department of Planning and Environment (DPE). DPE will publicly exhibit the EIS for at least four weeks. The community will be able to submit feedback to DPE during this exhibition period.

5. Respond to feedback

The Government will publish all of the consultation feedback and submissions received, and Veolia will respond in a formal Response to Submissions Report.

6. Application assessed

The Government will assess the application's merits and decide whether the development can go ahead.

Contact us

Further information can be found at **veolia.com/anz/TheArc**.
You can also email TheArc@veolia.com, call 1800 313 096
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