

Fact Sheet

Pinjarra Alumina Refinery

Region: Australia

Product: Smelter-grade alumina

Manager: Tom Duxbury (Acting)



Operations

- Pinjarra Alumina Refinery was commissioned in 1972 and, as one of the world's largest alumina refineries, produces approximately 4.7 million metric tons each year.
- Alumina is extracted from bauxite and is the main feedstock for aluminium, the world's most versatile metal, which is essential to everyday life, critical to a decarbonised future and 100 per cent recyclable.
- Pinjarra refinery is supplied bauxite via an overland conveyor from the Huntly Bauxite Mine east of North Dandalup.
- The refinery is located within the Shire of Murray in the Peel region south of Perth, Western Australia (WA), and is approximately six kilometres east of the Pinjarra town site. It is sited at the foot of the Darling Scarp on approximately 6,772 hectares of freehold land which incorporates the refinery footprint, the residue storage area and surrounding farmlands.
- The refinery implements a wide range of world-leading technologies that continuously improve production and environmental performance, such as residue filtration technology which reduces land use and increases water recovery.

Economic Impact

- Approximately 1,200 direct employees and 400 contractors work at the refinery, with an estimated 60 per cent of employees living in the local Pinjarra and Mandurah communities.
- In 2022, 84 per cent of Alcoa Australia's annual revenue stayed in Australia through wages, local purchasing, taxes, royalties and dividends to Australian shareholders.
 - Our WA operations injected approximately AU\$692 million into the local WA community through direct salaries, wages and benefits and AU\$1.7 billion was invested with some 920 WA suppliers.
 - Pinjarra refinery's contribution was approximately AU\$197 million into the local WA community through salaries, wages and benefits and AU\$649 million in WA supply contracts.
 - Our Australian operations combined injected AU\$425 million into Australia's local, state and federal governments through the payment of royalties, taxes, rates and charges.
- Alcoa of Australia produces an annual Tax Transparency Report in support of high standards of corporate governance and an open approach to business conduct.

Community Engagement

- Refinery employees engage with the community through the Community Consultative Network to facilitate dialogue on key social, economic and environmental issues.
- An Environmental Improvement Plan (EIP) consultation process is a working example of community, government and industry coming together for a common purpose. The most recent EIP outlines Alcoa's commitment to continuously improve the refinery's environmental performance, reduce environmental impacts and develop more sustainable operating practices.
- In 2022, Alcoa Foundation and Alcoa Australia invested AU\$4.8 million into areas of need and worthy causes in WA communities near where we operate.
 - Pinjarra refinery invested approximately AU\$515,000 in local community and charitable initiatives in Pinjarra, Mandurah and surrounding communities, along with further in-kind contributions.
 - Alcoa employees initiated 49 Alcoans Coming Together In Our Neighbourhoods (ACTION) events nationwide which saw local community organisations benefit from employee volunteer support.

Environment and Sustainability

- All Australian mining, refining and smelting operations have earned certification from the [Aluminium Stewardship Initiative](#), which is validation of our commitment to responsible and sustainable production and working with stakeholders to deliver long-term value.
- Alcoa's global [Refinery of the Future™](#) project is working to achieve zero-carbon alumina refining through a host of new processes and technologies. The team is predominantly based in WA.
- Since 2008, Alcoa and Alinta have partnered to operate two cogeneration power units at Pinjarra refinery, delivering energy efficiencies and significant greenhouse gas benefits.
- The refinery has had a worm farm and composting facility since 1995. Each year, some 80 tonnes of organic waste from Alcoa operations is turned into vermicast, 'worm wee', and compost for use in refinery gardens.

Alcoa in Australia

- Alcoa has operated in Australia for 60 years and in this time approximately AU\$14.7 billion has been invested in the Australian business.
- Alcoa's Australian operations represent one of the world's largest integrated bauxite mining, alumina refining and aluminium smelting systems.
- Two bauxite mines and three alumina refineries in WA produce approximately 50 per cent of Australia's alumina. In Victoria, Portland Aluminium Smelter (which is 55 per cent owned by Alcoa of Australia) produces more than 20 per cent of the nation's aluminium.
- Alcoa directly employs some 4850 people, predominantly from regional WA and Victoria. In 2022, Alcoa paid AU\$763 million in wages and benefits.
- Alcoa's values ensure employees act with integrity, operate with excellence, care for people and lead with courage.
- Alcoa has been named an employer of choice for more than 20 years by the Federal Government's Workplace Gender Equality Agency. Flexible work practices at Alcoa mean employees can balance their personal interests and family life alongside their work commitments.
- The company's second [Reconciliation Action Plan](#) was launched in 2022 at an event on Gunditjmarra Country at Portland Aluminium Smelter.

Find out more at www.alcoa.com/australia, or follow www.facebook.com/alcooaustralia and www.instagram.com/alcoa_australia

Alcoa Corporation

- Alcoa Corporation is a global industry leader in bauxite, alumina and aluminium products with a vision to reinvent the aluminium industry for a sustainable future.
- Since developing the process that made aluminium an affordable and vital part of modern life, talented employees have developed breakthrough innovations and best practices that have led to efficiency, safety, sustainability and stronger communities wherever we operate.
- As a leader in the mining and metals industry, Alcoa has a strategic priority to advance sustainably and is a member of the International Council of Mining and Metals (ICMM).
- In 2021 Alcoa announced its aspiration to achieve net zero carbon emissions by 2050. Alcoa's [technology roadmap](#) supports the company's vision and aspiration and features three key innovations: Refinery of the Future; Reinventing Smelting through ELYSIS™; and Transforming Recycling through ASTRAEA™.
- Alcoa is included in S&P Global's 2022 Sustainability Yearbook, was named to the 2022 Dow Jones Sustainability Index, ranked on Fortune Magazine's World's Most Admired Companies list, is included in Bloomberg's Gender-Equality Index and is a Platinum EcoVadis member.
- Find out more at www.alcoa.com, follow @Alcoa on Twitter, at www.facebook.com/Alcoa and www.instagram.com/alcoa

