

Fact Sheet

Wagerup Alumina Refinery

Region: Australia

Product: Smelter-grade alumina

Certifications: ISO 9001, ISO 14001

Manager: Adam Gilbert



Operations

- Wagerup Alumina Refinery commenced operations in 1984 and as one of the world's most environmentally and technologically advanced alumina refineries produces approximately 2.8 million metric tons of alumina each year.
- Alumina is the main feedstock for aluminium, the world's most versatile, lightweight metal, and is extracted from bauxite.
- Wagerup refinery is supplied bauxite ore via an overland conveyor from Alcoa's Willowdale Bauxite Mine, which is located east of Waroona.
- The refinery is located approximately 150 kilometres south of Perth on the border of Western Australia's (WA) Peel and South West regions. It is situated within an 8,442-hectare area which includes 5,520 hectares that are used as highly productive farmlands.

Economic Impact

- Approximately 650 employees and 190 contractors work at the refinery, with more than 30 per cent of employees living within the local shires of Harvey and Waroona.
- In 2019, 86 per cent of Alcoa Australia's annual revenue stayed in Australia through wages, local purchasing, taxes, royalties and dividends to Australian shareholders.
 - Our Australian operations combined injected AU\$1.1 billion into Australia's local, state and federal governments through the payment of royalties, taxes, rates and charges.
 - Our WA operations injected approximately AU\$617 million into the local community through direct salaries, wages and benefits and AU\$1.5 billion in WA supply contracts.
 - Wagerup refinery's contribution was approximately AU\$95 million through salaries, wages and benefits and AU\$335 million in supply contracts.
- 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 personnel engage with the community through the Community Consultative Network to facilitate dialogue on key social, economic and environmental issues.
- In 2019, Alcoa Foundation and Alcoa's Australian operations invested AU\$4.5 million into areas of need and worthy causes in communities near where we operate in WA.
 - Wagerup refinery invested approximately AU\$220,000 in local community organisations through sponsorships and partnerships, along with further in-kind contributions.
 - The refinery provided AU\$300,000 in support to local Shire community services and contributed AU\$438,000 into the Alcoa Harvey Waroona Sustainability Fund, operated in collaboration with Harvey and Waroona Shires. The Sustainability Fund celebrated 10 years in 2019.
 - Alcoa employees initiated 64 Alcoans Coming Together In Our Neighbourhoods (ACTION) events which saw local community organisations benefit from employee volunteer support.

Environment and Sustainability

- All WA mining and refining operations have earned certifications from the Aluminium Stewardship Initiative (ASI), which is validation of our commitment to responsible and sustainable production and working with stakeholders to deliver long-term value.
- Wagerup Alumina Refinery implements a wide range of world-leading technology innovations that continuously improve production and environmental performance.
- The refinery has invested in several successful emission reduction projects which have resulted in significant improvements in odour, volatile organic compounds (VOC) and combustion gas impacts.
- Wagerup refinery is focused on effective water reuse and does not discharge any water off-site.

Alcoa in Australia

- Alcoa has operated in Australia for more than 57 years and in this time more than AU\$12 billion has been invested by its Australian operations.
- 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 almost 45 per cent of Australia's alumina. In Victoria, Portland Aluminium Smelter (which is 55 per cent owned by Alcoa of Australia) produces approximately 19 per cent of the nation's aluminium.
- Alcoa directly employs some 4250 people, predominantly from regional WA and Victoria. In 2019, Alcoa paid AU\$681 million in wages and benefits.
- Alcoa's values ensure that employees act with integrity, operate with excellence and care for people.
- Alcoa has been named an employer of choice for 18 consecutive years by the Federal Government's Workplace Gender Equality Agency. Flexible work practices at Alcoa mean that employees can balance their personal interests and family life alongside their work commitments.

Alcoa Corporation

- Alcoa Corporation is a global industry leader in bauxite, alumina and aluminium products, and is built on a foundation of strong values and operating excellence dating back more than 130 years to the world-changing discovery that made aluminium an affordable and vital part of modern life.
- Since developing the aluminium industry, and throughout the company's history, our talented employees have followed on with 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).
- Alcoa is the industry leader in the Sustainability Yearbook 2020, and was named the Aluminium Industry Leader in the 2019 Dow Jones Sustainability Index (DJSI). Alcoa ranked on Fortune Magazine's "World's Most Admired Companies" list, and it is included in Bloomberg's Gender-Equality Index.
- Visit us online at www.alcoa.com, follow @Alcoa on Twitter and www.facebook.com/Alcoa on Facebook.

