

Fact Sheet

Willowdale Bauxite Mine

Region: Australia

Product: Bauxite

Certifications: ISO 14001

Manager: Craig Milward (Acting)



Operations

- Willowdale Bauxite Mine was established in 1984 and is located in the Darling Scarp east of Waroona and Cookernup. It supplies bauxite ore to the Wagerup Alumina Refinery.
- In 2021, Willowdale mine supplied approximately 10.5 million tonnes of bauxite to the Wagerup refinery via a direct overland conveying system.
- Willowdale mines bauxite from within a defined Mineral Lease, known as ML1SA. To date, we have cleared less than 4 per cent of our mineral lease.
- As bauxite forms in shallow pods, a constantly moving mining footprint occurs followed by progressive, world-leading rehabilitation. In 2021, we moved the ore crusher from Orion to Larego where it will be located for approximately 30 years. Watch the move [here](#).
- Over the entire life of our Western Australian (WA) operations, we expect to clear less than 8 per cent of our mineral lease. We do not mine in old growth forest, gazetted national parks, nature conservation reserves, or other areas of high conservation value.
- Alcoa's mining operations are overseen by the Mining and Management Program Liaison Group (MMPLG), which consists of representatives from across government. The MMPLG is responsible for reviewing mine plans and associated activities and making recommendations to the Western Australian Minister for State Development.
- Bauxite ore from Alcoa's Willowdale and Huntly mines helps to produce almost half of Australia's alumina and approximately 19 per cent of Australia's aluminium.

Economic Impact

- Approximately 270 employees and 30 contractors work at Willowdale mine.
- In 2021, 75 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\$255 million into Australia's local, state and federal governments through the payment of royalties, taxes, rates and charges.
 - Our WA operations injected approximately AU\$647 million into the local WA community through direct salaries, wages and benefits and AU\$1.7 billion in WA supply contracts.
 - Willowdale mine's contribution was approximately AU\$43 million into the WA community through salaries, wages and benefits and almost AU\$132 million in WA 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

- Willowdale mine engages with the community through a variety of community activities and forums.
- In 2021, Alcoa Foundation and Alcoa's Australian operations invested AU\$4.4 million into areas of need and worthy causes in communities near where we operate in WA.
 - Willowdale mine invested approximately AU\$80,000 into local community organisations through sponsorships and partnerships, along with further in-kind contributions.
 - Alcoa employees initiated 40 Alcoans Coming Together In Our Neighbourhoods (ACTION) events which saw local community organisations benefit from employee volunteer support.

Environment and Sustainability

- Alcoa is a recognised world leader in mine site rehabilitation ([watch video](#)) and was the first mining company in the world to achieve 100 per cent plant species richness in our WA rehabilitated mining areas.
- Each year, approximately 600 hectares of mined land is rehabilitated helping restore the forest ecosystem. Of the area we have mined, about 77 per cent has been rehabilitated to date.
- Environmental stewardship is Alcoa's priority and we implement industry-leading processes to mitigate biodiversity impacts from our operations on plants, animals and natural resources.
- All WA mining and refining operations have earned certifications 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.
- Find out more at www.alcoa.com/australia/en/sustainability/environmental-management

Alcoa in Australia

- Alcoa has operated in Australia for nearly 60 years and in this time approximately AU\$14.5 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 nearly 50 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 nearly 4500 people, predominantly from regional WA and Victoria. In 2021, Alcoa paid AU\$714 million in wages and benefits.
- Alcoa's values ensure that employees act with integrity, operate with excellence, care for people and lead with courage.
- Alcoa has been named an employer of choice for 21 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 135 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).
- In 2021 Alcoa announced its aspiration to achieve net zero carbon emissions by 2050 and vision to reinvent the aluminium industry for a sustainable future. Alcoa's [technology roadmap](#) supports the vision 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 2021 Sustainability Yearbook and was named to the 2021 Dow Jones Sustainability Index. Alcoa ranked on Fortune Magazine's World's Most Admired Companies list and 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.

