

Fact Sheet

Willowdale Bauxite Mine

Region: Australia

Product: Bauxite

Certifications: ISO 14001

Manager: Trever Stockil



Operations

- Willowdale Bauxite Mine was established in 1984 and is located near Waroona. It mines and supplies bauxite ore to the Wagerup Alumina Refinery.
- In 2019, Willowdale mine supplied approximately 10 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, less than 4 per cent of the jarrah forest within our lease, or about 1 per cent of the total jarrah forest in the south-west, has been mined.
- As bauxite forms in shallow pods, a constantly moving mining footprint occurs followed by progressive, world-leading rehabilitation. The current ore crusher is located at Orion.
- Over the entire life of our Western Australian (WA) operations, we expect to mine less than 8 per cent of our mineral lease, or less than 3 per cent of the total jarrah forest. 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 approximately 45 per cent of Australia's alumina and 19 per cent of Australia's aluminium.

Economic Impact

- Approximately 250 people work at Willowdale mine.
- In 2019, 86 per cent of Alcoa Australia's annual revenue stayed in Australia through wages, local purchasing, taxes, royalties, capital investment 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.
 - The mine injected approximately AU\$38 million into the community through salaries, wages and benefits and AU\$77 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 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.
 - Willowdale mine invested approximately AU\$60,000 into local community organisations through sponsorships and partnerships, along with further in-kind contributions.
 - 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

- Alcoa is a recognised world leader in mine site rehabilitation and was the first mining company in the world to achieve 100 per cent plant species richness in our WA rehabilitated mining areas.
- Every 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 (ASI), 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 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.

