Fact Sheet
Kwinana Alumina Refinery

**Business**
Alcoa Alumina

**Products**
Alumina chemicals and smelter-grade alumina

**Certifications**
ISO 9001 and ISO 14001

**Manager**
Simon Pascoe

### Operations
- The Kwinana alumina refinery was commissioned in 1963 and was the first of Alcoa’s three Western Australian alumina refineries. It has an annual production capacity of 2.2 million metric tons and produces non-metallurgical alumina (15 per cent of production) and smelter-grade alumina (85 per cent of production).
- Approximately 75 per cent of the refinery’s total production is exported to overseas markets, and the remaining 25 per cent is shipped to Alcoa’s Portland Aluminium smelter in Victoria, Australia.
- The refinery operations occupy approximately 1,500 hectares within the Kwinana Industrial Area, 22 kilometres south of Perth.
- The refinery receives its bauxite ore from Alcoa’s Huntly bauxite mine. From 1963 to 1998, Alcoa’s Jarrahdale mine, which has since been closed and rehabilitated, supplied ore.

### Economic Impact
- Approximately 850 employees and 260 contractors work at the refinery. More than half of these employees live in the neighbouring communities of Kwinana, Cockburn, and Rockingham.
- In 2017, the refinery contributed approximately AU$130 million into the local community through salaries, wages and benefits, and more than AU$321 million in Western Australian supply contracts.
- In 2017, Alcoa of Australia’s operations in Western Australia and Victoria injected approximately AU$400 million into Australia’s federal, state, and local governments through the payment of taxes, royalties, rates, and charges. Approximately AU$111 million was paid to the Western Australian state and local governments.
- More than 65 per cent of Alcoa of Australia’s total annual revenue stays in Australia through wages, local purchasing, taxes, royalties, capital investment and dividends to Australian shareholders.
- Alcoa of Australia Limited produces an annual Tax Transparency Report and voluntarily established an Annual Compliance Arrangement with the Australian Tax Office (ATO) in 2012.

### Community Engagement
- Refinery management engages with the local community through the Alcoa Environmental Improvement Plan Advisory Group, Kwinana Industries Council forums, strategy and project-based stakeholder reference groups and other forums as required.
- In 2017, the refinery invested approximately AU$100,000 in local community organisations through partnerships, along with further in-kind contributions.
- A total of AU$1.3 million was granted through the Alcoa Foundation and a further AU$2.3 million in WA partnership funding during 2017, supporting local communities in which we operate.
- In 2017, Alcoa employees initiated 45 ‘Alcoans Coming Together In Our Neighbourhoods’ (ACTION) events which saw local community organisations benefit from employees’ volunteer support.

### Environment and Sustainability
- Alcoa global research and development centre, the Alumina Centre of Excellence is located at the Kwinana refinery. The refinery implements a wide range of world-leading technology innovations that continuously improve its alumina production and environmental performance.
- Innovative residue filtration technology commissioned at Kwinana in 2017, reduces the need for solar drying of residue, which minimises water lost to evaporation. The new process enables more efficient land use and water savings of approximately 25 per cent.
- Alcoa has earned a place, for the second consecutive year, on the World Dow Jones Sustainability Index (DJSI), a respected benchmark for corporate sustainability. Only the most sustainable companies in each industry are considered for DJSI membership.
• Alcoa of Australia has operated in Australia from more than 55 years and in this time has invested more than AU$12 billion.

• 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 Western Australia 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 13 per cent of the nation’s aluminium.

• Alcoa employs thousands of people, predominantly from regional Western Australia and Victoria, and adds value to Australia’s local, state and national economies at every stage. Alcoa employs 4,275 employees and in 2017 paid AU$654 million in wages and benefits.

• Alcoa’s values ensure that we act with integrity, operate with excellence and care for people.

• Alcoa has been named an employer of choice for 16 consecutive years by the Federal Government’s Workplace Gender Equality Agency (WGEA). Flexible work practices at Alcoa mean that employees can balance their personal interests and family life alongside their work commitments.

Alcoa

• Alcoa is a global industry leader in bauxite, alumina and aluminium products, with a strong portfolio of value-added cast and rolled products and substantial energy assets.

• Alcoa is built on a foundation of strong values and operating excellence dating back nearly 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 our history, our talented Alcoans have followed on with breakthrough innovations and best practices that have led to efficiency, safety, sustainability and stronger communities wherever we operate.

• Visit us online on www.alcoa.com, follow @Alcoa on Twitter and on Facebook at www.facebook.com/Alcoa.