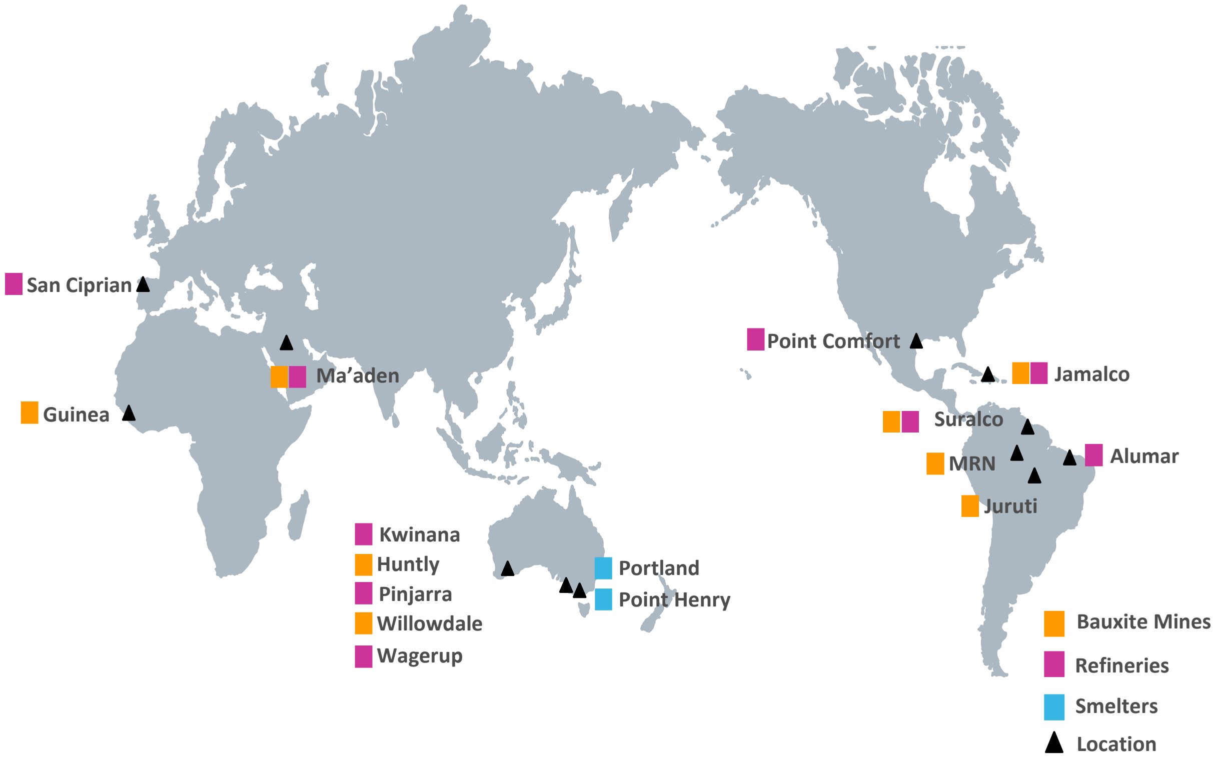
Diagram of AWAC Operations



Alcoa World Alumina & Chemicals

- **Bauxite Mines**
- **Alumina Refineries**
- **Aluminium Smelters**
- **Alumina Chemicals**
- **Shipping Operations**

All operations 100% owned, unless otherwise indicated

Bauxite Mines
Australia – Huntly & Willowdale
Brazil – Trombetas (9.6%) & Juruti
Guinea – Sangaredi (23%)
Jamaica – Manchester Plateau (55%)
Suriname – Moengo, Klaverblad & Kaimangrassie
Saudi Arabia – mine being developed (25.1%)

Alumina Refineries
Australia – Kwinana, Pinjarra & Wagerup
Brazil – Sao Luis (39%)
Jamaica – Clarendon (55%)
Spain – San Ciprian
Suriname – Paranam
USA – Point Comfort
Saudi Arabia – refinery being developed (25.1%)

Aluminium Smelters
Australia - Point Henry & Portland (55%)

Alumina Chemicals
Australia – Kwinana
Spain – San Ciprian
USA – Point Comfort

Bauxite deposits: AWAC's bauxite deposits have long term mining rights. Bauxite mining is planned on an incremental basis after detailed assessment of the deposits to achieve a uniform quality in the supply of blended feedstock to the relevant refinery.

Refineries: AWAC operates eight alumina refineries, six of which are located in proximity to bauxite deposits.

Smelters: AWAC produces primary aluminium in Australia, with alumina supplied by the Australian refineries.

Alumina Chemicals: AWAC produces chemical grade alumina from three refineries: Kwinana (Australia), Point Comfort (USA) and San Ciprian (Spain).

Shipping Operations: AWAC's shipping operations use owned and chartered vessels to transport dry and liquid bulk cargoes, including bauxite, alumina, caustic soda, fuel oil, petroleum, coke and limestone.

Alcoa World Alumina and Chemicals (AWAC) Profit & Loss

US$ Millions (US GAAP) 100%	1st Half 2013	2nd Half 2012	1st Half 2012
Sales	1,875.7	1,858.3	1,786.7
Sales to Related Parties	1,089.2	1,021.1	1,149.2
Total Revenue	**2,964.9**	**2,879.4**	**2,935.9**
Cost of Goods Sold and Operating Expenses	(2,581.6)	(2,650.7)	(2,719.1)
Selling, Administration, Other Expenses and R&D Expenses	(61.9)	(70.9)	(62.0)
Provision for Depreciation, Depletion and Amortisation	(234.6)	(240.2)	(238.7)
Other	(94.3)	15.0	5.7
Total Expenses	**(2,972.4)**	**(2,946.8)**	**(3,014.1)**
Loss before Taxes on Income	**(7.5)**	**(67.4)**	**(78.2)**
Provision for Taxes on Income	(18.7)	62.6	(8.9)
Net Loss	**(26.2)**	**(4.8)**	**(87.1)**
Members' Equity			
Opening Balance at Start of Period	**8,243.7**	**8,039.4**	**8,343.1**
Net Loss	(26.2)	(4.8)	(87.1)
Capital Contribution	31.5	151.4	277.0
Dividends Paid and Return of Capital to Partners	(134.7)	(61.8)	(176.7)
Common Stock Issued for Compensation Plans	3.4	1.9	3.0
Other Comprehensive Income	(596.5)	117.6	(319.9)
Closing Balance at End of Period	**7,521.2**	**8,243.7**	**8,039.4**

Alcoa World Alumina and Chemicals (AWAC) Balance Sheet

US$ Millions (US GAAP) 100%	30 June 2013	31 December 2012	30 June 2012
Cash and Cash Equivalents	286.3	126.0	180.8
Receivables	439.7	457.6	471.3
Related Party Notes Receivable	86.6	88.7	87.0
Inventories	719.6	808.0	808.7
Prepaid Expenses and Other Current Assets	352.3	421.1	159.4
Total Current Assets	**1,884.5**	**1,901.4**	**1,707.2**
Property, Plant & Equipment	6,301.6	6,909.2	6,856.1
Investments	588.1	593.1	510.5
Other Assets and Deferred Charges	1,873.4	2,014.3	1,563.3
Total Non-Current Assets	**8,763.1**	**9,516.6**	**8,929.9**
Total Assets	**10,647.6**	**11,418.0**	**10,637.1**
Short Term Borrowings	74.2	69.6	61.1
Payables	938.5	841.0	828.4
Taxes Payable	192.8	142.8	204.3
Accrued Compensation and Retirement Costs	263.0	295.7	275.5
Other Current Liabilities	500.8	415.7	171.1
Total Current Liabilities	**1,969.3**	**1,764.8**	**1,540.4**
Capital lease obligations and long term debt	66.3	68.7	24.6
Deferred Taxes	193.2	255.8	203.1
Other Long Term Liabilities	897.6	1,085.0	829.6
Total Non-Current Liabilities	**1,157.1**	**1,409.5**	**1,057.3**
Total Liabilities	**3,126.4**	**3,174.3**	**2,597.7**
Equity	7,521.2	8,243.7	8,039.4
Total Liabilities & Equity	**10,647.6**	**11,418.0**	**10,637.1**

Alcoa World Alumina and Chemicals (AWAC) Statement of Cash Flows

US$ Millions (US GAAP) 100%	**1st Half 2013**	**2nd Half 2012**	**1st Half 2012**
Operating Activities			
Net Loss	(26.2)	(4.8)	(87.1)
Adjustments to Reconcile Net Income to Cash from Operations			
Depreciation, Amortisation and Impairment	234.6	240.2	238.7
Other Items*	206.0	(166.1)	21.0
Cash from Operating Activities	**414.4**	**69.3**	**172.6**
Financing Activities			
Dividends Paid & Return of Capital to Partners	(72.2)	(61.8)	(176.7)
Change in Debt	4.6	8.5	22.6
Changes to capital lease obligations	(2.4)	(5.9)	(6.4)
Capital Contribution	31.5	151.4	277.0
Additions to long term debt	-	50.0	-
Cash Generated/(Used) for Financing Activities	**(38.5)**	**142.2**	**116.5**
Investing Activities			
Capital Expenditure	(178.2)	(191.1)	(184.2)
Net changes in related party note receivable	17.8	0.9	(4.5)
Other	(32.7)	(76.2)	(120.2)
Cash Used for Investing Activities	**(193.1)**	**(266.4)**	**(308.9)**
Effect of Exchange Rate Changes on Cash	(22.5)	0.1	(3.4)
Cash (Used)/Generated	**160.3**	**(54.8)**	**(23.2)**
Cash and Cash Equivalents			
Cash and Cash Equivalents at Beginning of Period	126.0	180.8	204.0
Cash and Cash Equivalents at End of Period	286.3	126.0	180.8
Net Change in Cash and Cash Equivalents	**160.3**	**(54.8)**	**(23.2)**

* ***Other Items consists of net movement in working capital and other non-current assets and liabilities***

Alcoa World Alumina and Chemicals (AWAC) Reconciliation of Profit to Alumina Limited Share of AWAC's Equity Profit

	1st Half 2013	2nd Half 2012	1st Half 2012
AWAC Loss before tax (US GAAP)	(7.5)	(67.4)	(78.2)
Adjust for AIFRS			
- embedded derivatives	0.8	(28.4)	33.2
- retirement benefit obligations	0.6	6.7	5.5
- Alba costs	28.0	-	-
- other	(3.4)	(5.7)	(3.2)
AWAC (Loss)/profit before tax (AIFRS)	**18.5**	**(94.8)**	**(42.7)**
AWAC Tax (US GAAP)	(18.7)	62.6	(8.9)
Adjust for AIFRS			
- Brazil deferred tax	38.2	-	69.0
- FAS 109	-	(40.1)	40.1
- Other	0.3	6.9	(11.0)
AWAC Tax (AIFRS)	**19.8**	**29.4**	**89.2**
AWAC Loss/(profit) before tax (AIFRS)	18.5	(94.8)	(42.7)
AWAC Tax (AIFRS)	19.8	29.4	89.2
AWAC Profit/(loss) after tax (AIFRS)	**38.3**	**(65.4)**	**46.5**
Alumina Limited Share of Equity Profit/(loss) after tax	**15.3**	**(26.1)**	**18.6**