

Investor Presentation August 2014

# **Cautionary Note**

THIS DOCUMENT IS STRICTLY CONFIDENTIAL AND IS BEING PROVIDED TO YOU SOLELY FOR YOUR INFORMATION BY AMG ADVANCED METALLURGICAL GROUP N.V. (THE "COMPANY") AND MAY NOT BE REPRODUCED IN ANY FORM OR FURTHER DISTRIBUTED TO ANY OTHER PERSON OR PUBLISHED, IN WHOLE OR IN PART, FOR ANY PURPOSE. FAILURE TO COMPLY WITH THIS RESTRICTION MAY CONSTITUTE A VIOLATION OF APPLICABLE SECURITIES LAWS.

This presentation does not constitute or form part of, and should not be construed as, an offer to sell or issue or the solicitation of an offer to buy or acquire securities of the Company or any of its subsidiaries nor should it or any part of it, nor the fact of its distribution, form the basis of, or be relied on in connection with, any contract or commitment whatsoever.

This presentation has been prepared by, and is the sole responsibility of, the Company. This document, any presentation made in conjunction herewith and any accompanying materials are for information only and are not a prospectus, offering circular or admission document. This presentation does not form a part of, and should not be construed as, an offer, invitation or solicitation to subscribe for or purchase, or dispose of any of the securities of the companies mentioned in this presentation. These materials do not constitute an offer of securities for sale in the United States or an invitation or an offer to the public or form of application to subscribe for securities. Neither this presentation nor anything contained herein shall form the basis of, or be relied on in connection with, any offer or commitment whatsoever. The information contained in this presentation has not been independently verified. No representation or warranty, express or implied, is made as to, and no reliance should be placed on, the fairness, accuracy or completeness of the information or the opinions contained herein. The Company and its advisors are under no obligation to update or keep current the information contained in this presentation. To the extent allowed by law, none of the Company or its affiliates, advisors or representatives accept any liability whatsoever (in negligence or otherwise) for any loss howsoever arising from any use of this presentation or its contents or otherwise arising in connection with the presentation.

Certain statements in this presentation constitute forward-looking statements, including statements regarding the Company's financial position, business strategy, plans and objectives of management for future operations. These statements, which contain the words "believe," "expect," "anticipate," "intends," "estimate," "forecast," "project," "will," "may," "should" and similar expressions, reflect the beliefs and expectations of the management board of directors of the Company and are subject to risks and uncertainties that may cause actual results to differ materially. These risks and uncertainties include, among other factors, the achievement of the anticipated levels of profitability, growth, cost and synergy of the Company's recent acquisitions, the timely development and acceptance of new products, the impact of competitive pricing, the ability to obtain necessary regulatory approvals, and the impact of general business and global economic conditions. These and other factors could adversely affect the outcome and financial effects of the plans and events described herein.

Neither the Company, nor any of its respective agents, employees or advisors intend or have any duty or obligation to supplement, amend, update or revise any of the forward-looking statements contained in this presentation.

The information and opinions contained in this document are provided as at the date of this presentation and are subject to change without notice.

This document has not been approved by any competent regulatory or supervisory authority.



# Overview

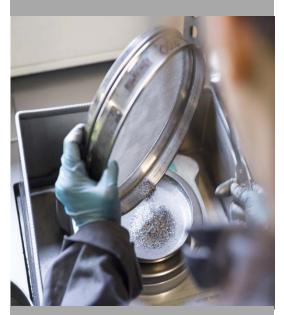
Listed:	NYSE-Euronext Amsterdam: AMG
Founded:	2006
LTM Q2'14 Revenues:	\$1,124.2M
LTM Q2'14 EBITDA:	\$68.7M
LTM Q2'14 Operating Cashflow:	\$61.9M
Employees:	3,137
Facilities:	Netherlands, Germany, France, Czech Republic, Poland, UK, USA, Brazil, Mexico, China, India, Sri Lanka, Turkey, Zimbabwe, Mozambique
Market Cap:	€203M (\$272M)
Enterprise Value:	€313M (\$420M)
EV / EBITDA	6.1x
Shares outstanding:	27.6M
52 week range:	€6.02–€8.35
Recent share price:	€7.33 (August 5, 2014)



# Overview

# **AMG Processing**

AMG's conversion and recycling based businesses



- Metals & alloys
- Coating materials

# **AMG Mining**

Integrated AMG's mine based businesses



- Critical raw materials
- Concentrates

# **AMG Engineering**

 AMG's vacuum systems and services business



 Capital equipment & service for high purity materials

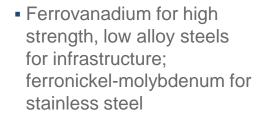


# **AMG Processing**

# **AMG Processing – conversion and recycling operations**

#### **Value Proposition**

#### Aluminum grain refiners and master alloys for high performance materials in aerospace, automotive and infrastructure applications



 Titanium master alloys for high performance, light weight aerospace engine and frame, and coating materials for aerospace turbines

 Chrome metal for stainless steel, electrical resistance wire, and superalloys

#### **Key Products**

































# **AMG Mining**

# AMG Mining - mine based value chains

#### **Value Proposition**

- Antimony trioxide and master batches for flame retardant on electronics, paints, and plastics
- Tantalum and niobium superalloys for aerospace engines and industrial gas turbines
- Conflict-free tantalum concentrate for tantalum capacitors used on portable electronics
- Natural graphite for building insulation materials, energy storage, li-ion batteries for electrical vehicle, and **lubricants**
- Silicon metal for aluminum production and solar panel materials

#### **Key Products**























#### **Major Applications**



















# **AMG Engineering**

# AMG Engineering – vacuum systems and services

#### **Value Proposition**

#### Vacuum melting and remelting furnaces for highperformance titanium, steel and alloys, and purification of rare metals and alloys











**Major Applications** 



 Vacuum heat treatment furnaces and services for high-performance materials of aerospace and automotive applications









 Vacuum coating furnace for aerospace turbine blade coatings









 Vacuum sintering and annealing furnaces for nuclear fuel productions



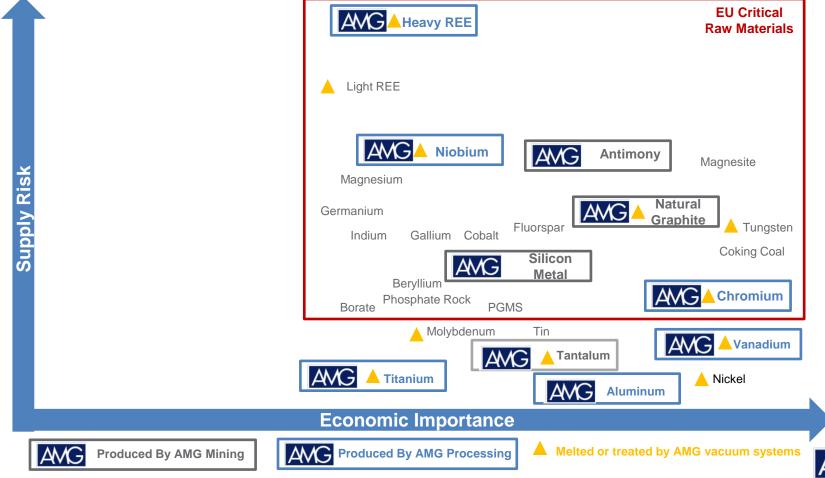




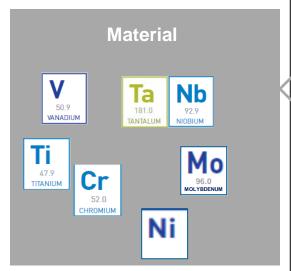


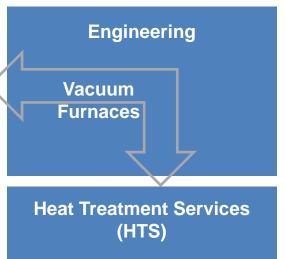
# **Critical Raw Materials**

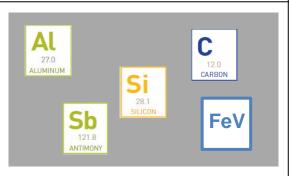
- The EU identified 14 critical raw materials\* to the European economy in 2010 focusing on two determinants economic importance and supply risk
- In 2014, EU updated to 20 critical raw materials\* following the same methodology
- AMG produces 6 of the 20 EU critical raw materials



# **Strategy - The Complexity Issue**



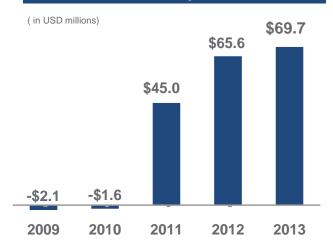




#### **Measurement of Strategy**

- Quality of Strategy
  - Ability to generate cash over the long run
- Ease of Assessment
  - Effort required to estimate future performance

#### **Cash Flow from Operations**





# Strategy

AMG's is building critical mass in materials where it possesses a significant market position and potential for long-term growth exceeding global GDP.

#### **Process**

- Strengthen AMG's Balance Sheet
  - Reduce debt
- Evaluate assets that are non-core
- Identify possible transactions
- Deepen focus on high value added critical materials

# Results

- Reduced complexity
- More focused business on critical materials with longterm growth potential above global GDP
- Lower net debt to EBITDA
- Increase Shareholder Value



# **Operations**

- AMG Aluminum adjusted aluminum alloys capacity by 5,000mt, or ~10% of global demand
  - Continuing efforts to lower cost structure, improve operations and increase ROCE
- AMG Vanadium exceeded its operating goals for up time and throughput on the new roaster
  - Record production volumes and throughput
- AMG Titanium Alloys & Coatings signed a contract with SNECMA to provide titanium aluminides for the CFM International LEAP engine
  - AMG Engineering will supply three furnaces for the production of the titanium aluminides
  - Value of contract > \$50 million
- AMG Engineering is addressing the impact of the current challenging market conditions through reducing headcount





# **Operations**

# AMG is improving operational performance and cash flow

#### **Objectives**

### **Progress Update**

#### Reduce SG&A

- YTD SG&A reduced by over 1%
  - Excluding strategic projects, SG&A has declined over 4%

# Improve Gross Margin

- YTD Gross Margin 16.5%
- Q2'14 Gross Margin up 2% for AMG Processing
- Q2'14 Gross Margin up 4% for AMG Mining

# Increase Operating Cash Flow and Improve ROCE

- YTD Cash Flows from Operations \$24.8M, versus \$32.6M in 13
  - \$15.0M prepayment received in 2013 related to a L-T contract
- Q2'14 working capital reduced by \$10.2 million QoQ
- Q2'14 capital expenditure reduced by 35% QoQ

# Reduce Gross and Net Debt

- Net Debt reduced by \$12.7M, or 8%, compared to Dec. 2013
- More efficient use of capital will result in a further reduction of gross debt and interest expenses in 2014



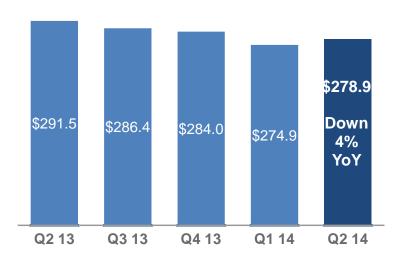


# **Financial Highlights**

#### Revenue

LTM Q2 2014: \$1,124.2

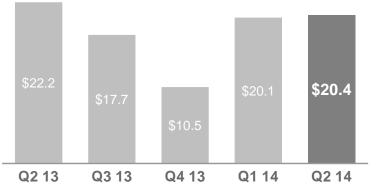
(in USD millions)



#### **EBITDA**

LTM Q2 2014: \$68.7

(in USD millions)



#### **Gross Profit**

LTM Q2 2014: \$172.2

(in USD millions)



#### **Adjusted EPS**

- Q2 2014 fully diluted EPS: \$0.27
  - Compared to (\$1.53) QoQ



# **Financial Highlights**

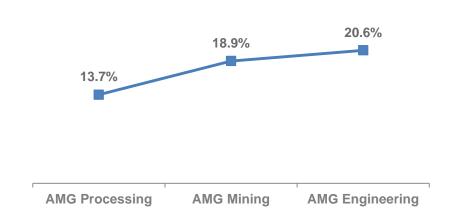




\$20.6

#### **Gross Margin**

YTD Gross Margin: 16.5%



#### **Capital Expenditure**

YTD CAPEX: \$10.5 (in USD millions)

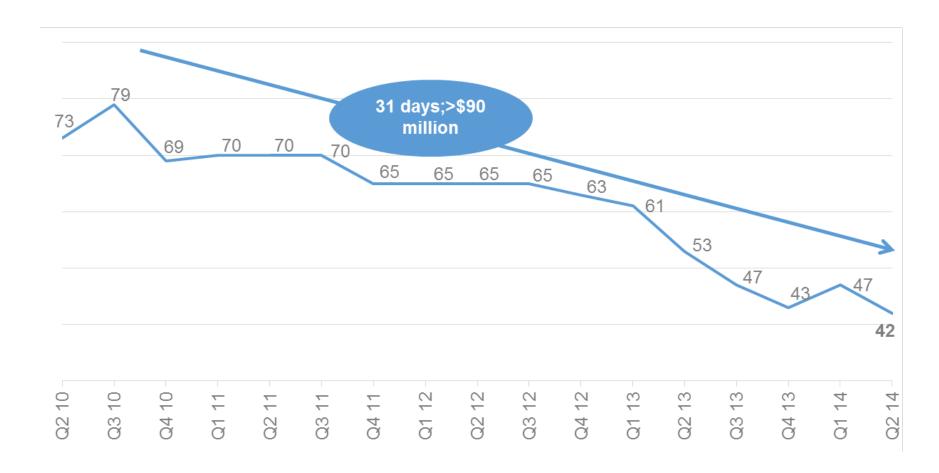




**AMG Processing** 

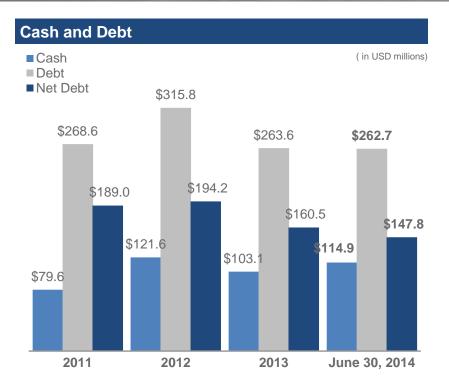
# **Financial Highlights**

Reduced working capital days reduced by over 40% since 2010





# **Capital Base**





- Net debt: \$147.8M
  - \$12.7M reduction on net debt in H1 2014
  - Debt down 22% since 2011
  - Debt to capitalization: 0.65x
  - Net Debt to LTM EBITDA: 2.15x
  - Revolver availability: \$57.8M
  - Total liquidity: \$172.7M
- AMG's primary debt facility is a \$370M term loan and revolving credit facility
  - 5 year term until 2016
  - In compliance with all debt covenants
- YTD '14 Cash Flows from Operations: \$24.8M, compared to \$32.6M in H1'13
  - \$15.0M prepayment received in H1'13 related to a long term contract

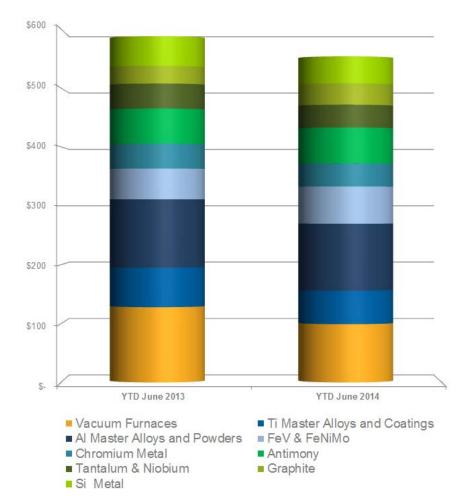


# **Key Products**

#### Revenue

YTD 2014: \$553.8

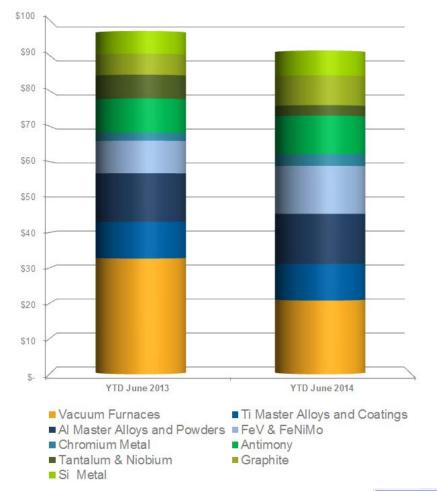




# **Gross Profit**

YTD 2014: \$91.3

(in USD millions)





# **End Markets**

#### Revenue

YTD 2014: \$553.8

# Aerospace 36.7% Energy 18.9% Infrastructure 16.0% Specialty Metals & Chemicals 28.4

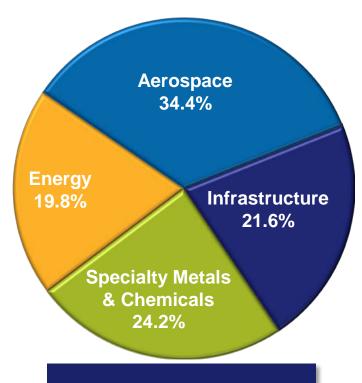
Infrastructure + 23% vs. YTD '13

Improved volumes from the FeV capacity expansion

#### **Gross Profit**

YTD 2014: \$91.3

( in USD millions)

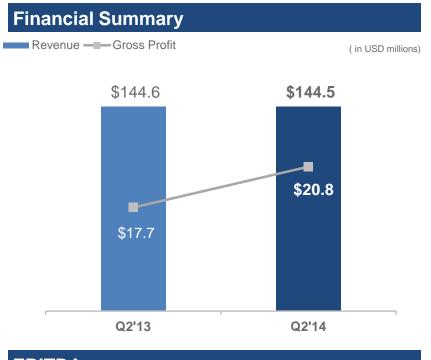


Infrastructure + 110% vs. YTD'13

Improved FeV prices and volumes

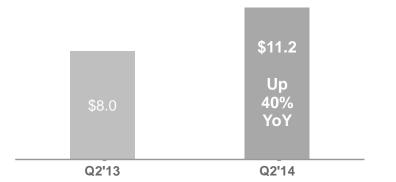


# **AMG Processing**



#### **EBITDA**

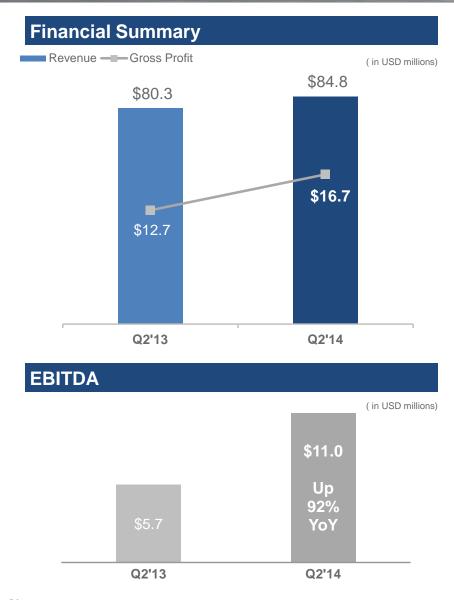
(in USD millions)



- Q2'14 revenue consistent with Q2'13
  - Ferrovanadium volumes up 103% due to the capacity expansion
  - Offset by lower demand in certain aerospace end markets
- Q2'14 gross margin 14% of revenue, up 2% compared to the 12% in Q2'13
  - Consistent metal prices, improved production efficiencies and impacts of restructuring efforts
  - Gross profit improved by 17%
    - Improved production efficiencies and lower cost structures at AMG Vanadium and AMG Superalloys
- Q2'14 EBITDA up 40% compared to Q2'13



# **AMG Mining**



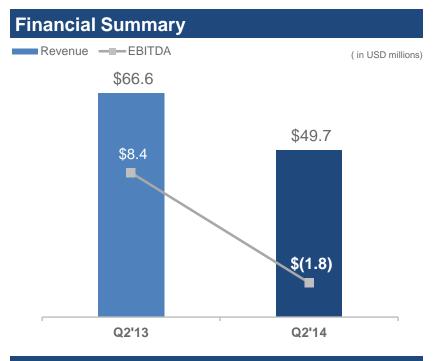
- Q2'14 revenue up 6% vs. Q2'13
  - AMG Tantalum volume up 54% and price up due to the LT contract
  - AMG Graphite volume up 21%
- Q2'14 gross margin 20% of revenue, up 4% from the 16% in Q2'13
  - Gross profit improved by 32%
  - Improved operational efficiencies and increased sales of higher margin graphite products for the energy efficiency market

Q2'14 EBITDA up 92% compared to Q2'13

EBITDA margin increased 82%



# **AMG** Engineering



# Order Intake

(in USD millions)

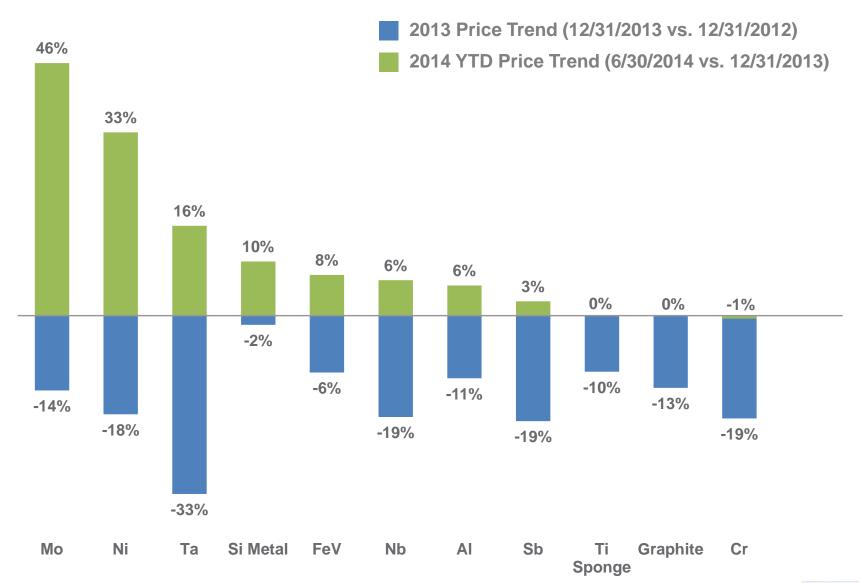


- Q2'14 revenue down 25% vs. Q2'13
  - Impacted by the low level of order intake in H2 2013
- Q2'14 gross margin 15% of revenue down from the 27% in Q2'13
  - Reduced volumes and pricing pressure
- EBITDA declined due to the \$10.7 million decline in gross profit
- Q2'14 order intake \$62.3M
  - Turbine blade coating accounted for ~33% of order intake
  - 1.25x book to bill ratio
  - Order backlog increased 9% to \$148.0M at June 30, 2014





# Metals Market - 2013 & 2014 YTD Prices





# Outlook

#### **AMG Processing**

- Most metals prices with limited downside for the foreseeable future
- Increasing FeV market share through the expanded capacity
- FY 2014 results should be above 2013 level

#### **AMG Mining**

- Making significant progress to move downstream into higher value added products and ancillary services
- Leveraging technological expertise to differentiate products, particularly in graphite and antimony

#### **AMG Engineering**

- Q2 order intake was strong, enabling improved H2'14 revenue and earnings
- Market is beginning to show signs of life and order intake should continue to be consistent with Q2 level
- Focus to return to historical levels of profitability
- AMG should produce significant operating cash flow in 2014, and ROCE and EBITDA should improve over 2013 levels
- AMG announces Q3 2014 financial results on Nov. 7, 2014





# **Consolidated Balance Sheet**

Balance Sheet (\$'000)	Actual	
	31-December-13	30-June-14
As of		Unaudited
Fixed assets	259,683	251,268
Goodwill and intangibles	37,194	36,163
Other non-current assets	65,515	72,730
Inventories	179,343	166,945
Receivables	150,807	174,425
Other current assets	36,607	35,292
Cash	103,067	114,940
TOTAL ASSETS	832,216	851,763
TOTAL EQUITY	134,590	140,907
Long-term debt	223,788	217,776
Employee benefits	138,009	148,904
Other long-term liabilities	62,350	58,254
Current debt	39,792	44,967
Accounts payable	127,381	128,221
Advance payments	16,341	22,497
Accruals	54,383	56,055
Other current liabilities	35,582	34,182
	•	· ·
TOTAL LIABILITIES & FOLITY	697,626	710,856
TOTAL LIABILITIES & EQUITY	832,216	851,763



# **Consolidated Income Statement**

Income Statement (\$'000)	Actual	
For the six months ended	30-June-13 Unaudited	30-June-14 Unaudited
Revenue	588,006	553,793
Cost of sales	491,130	462,478
Gross profit	96,876	91,315
Selling, general & admin.	70,011	69,134
Asset impairment & restructuring	56,438	1,792
Other income, net	(391)	(1,546)
Operating profit (loss)	(29,182)	21,935
Net finance costs	10,766	10,100
Share of profit (loss) of associates	(556)	783
Profit (loss) before income taxes	(40,504)	12,618
Income tax expense	1,924	1,811
Profit (loss) for the period	(42,428)	10,807
Shareholders of the Company	(39,770)	11,364
Non-controlling interest	(2,658)	(557)
Adjusted EBITDA	44,384	40,460



# **Consolidated Statement of Cash Flows**

Cash Flow Statement (\$'000)	Actual	
For the six months ended	30-June-13 Unaudited	30-June-14 Unaudited
EBITDA	44,384	40,460
+/- Change in working capital and deferred revenue	11,360	2,956
-Interest paid, net	(9,296)	(7,921)
Other operating cash flow	(4,188)	(6,882)
Cash flows from operations before taxes	42,260	28,613
Income tax paid	(9,629)	(3,825)
Total cash flows from operations	32,631	24,788
Capital expenditures	(16,219)	(10,478)
Other investing activities	(2,471)	(1,005)
Cash flows used in investing activities	(18,690)	(11,483)
Cash flows used in financing activities	(22,494)	(829)
Net increase/(decrease) in cash	(8,553)	12,476
Beginning cash	121,639	103,067
Effects of exchange rates on cash	(856)	(603)
Ending cash	112,230	114,940



