



MURRAY & ROBERTS

dbAccess South Africa Conference

18 & 19 June 2015

ENGINEERED EXCELLENCE





Murray & Roberts investment case	Slide 3 - 4
 A focused international engineering and construction group 	Slides 6 – 8
 Historical financial analysis and order book 	Slides 10 –13
Strategy	Slides 15 – 17
 Growth drivers – natural resources 	Slides 19 – 27
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MURRAY & ROBERTS INVESTMENT CASE



- FOCUSING ON MAXIMISING SHAREHOLDER VALUE
- A focused international engineering and construction group
- Strong balance sheet post implementation of Recovery & Growth plan
- Clearly defined growth strategy and business model (A New Strategic Future)
- Murray & Roberts differentiator natural resources market sectors and international diversification
- Growth opportunity from expected medium term recovery of resources cycle, through diversification
 of business model and international expansion
- Robust near orders (Infrastructure & Building and Underground Mining platforms) and project pipeline (all platforms) considering challenging market conditions
- Upside cash potential from claims resolution over the next two years (Gautrain and Dubai Airport)
- Analysts forecast upside to the current Murray & Roberts' share price, higher than local peers, supporting investment case



GROUP EXECUTIVE EXPERIENCED MANAGEMENT TEAM



HENRY LAAS BEng (Mining) MBA 31 years in sector GROUP CHIEF EXECUTIVE Henry joined in 2001 and was appointed to the Board and as Group chief executive in July 2011.	COBUS BESTER BCom (Acc) Hons CA(SA) 26 years in sector GROUP FINANCIAL DIRECTOR Cobus joined in 2006 and appointed to the Board as Group financial director in July 2011.		
KEVIN GALLAGHER BEng (Mechanical) Hons, FIEAust 25 years in the sector OPERATIONS EXECUTIVE Kevin joined the Group in 2011 and appointed to the executive committee on 11 December 2013. He is responsible for the Oil & Gas operating platform.	ORRIE FENN BSc (Hons) Eng MPhil Eng Deng 33 years in the sector OPERATIONS EXECUTIVE Orrie joined and was appointed to the executive committee in 2009. He is responsible for the Underground Mining operating platform.	COBU	S BESTER
JEROME GOVENDER BSc (QS) MSc MBA 21 years in the sector OPERATIONS EXECUTIVE Jerome joined in 2002 and was appointed to the executive committee on 1 August 2012. He is responsible for the Infrastructure & Building operating platform.			
ANDREW SKUDDER BSc PDM MBA 14 years in the sector	IAN HENSTOCK BCompt (Hons) CA(SA) HDip Ta 7 years in the sector	x Law MBA	THOKOZANI M BSc PBL MBL 20 years in the

COMMERCIAL EXECUTIVE

KEVIN GALLAGHER IAN HENSTOCK

ORRIE FENN

JEROME GOVENDER



MDLULI sector

HEALTH, SAFETY & ENVIRONMENT EXECUTIVE

"Sector" is defined as the Engineering, Construction and Mining sectors.

SUSTAINABILITY EXECUTIVE





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MURRAY & ROBERTS GROUP A FOCUSED INTERNATIONAL ENGINEERING & CONSTRUCTION GROUP



A Group of world class companies and brands aligned to the same purpose and vision, and guided by the same set of values with a common owner, Murray & Roberts Holdings Ltd

Stop.Think.Act.24/7: Safety first in everything we do

Operating Platforms					
Oil & Gas Underground Mining		Power & Water	Infrastructure & Building		
Murray & Roberts Valu • Integrity • Res		Accountability	Commitment		

Murray & Roberts Purpose

Delivery of infrastructure to enable economic and social development in a sustainable way.

Murray & Roberts Vision

By 2020 the Group aims to be a leading diversified project engineering, procurement and construction group in selected natural resources sectors and supporting infrastructure.

PLATFORMS ARE NAMED AFTER PRIMARY MARKET SEGMENTS BUT ALSO UNDERTAKE WORK IN SELECTED COMPLIMENTARY MARKETS. THE PREVIOUS ENERGY & INDUSTRIAL PLATFORM HAS BEEN RENAMED TO POWER & WATER.



BUSINESS MODEL

ENGINEERING AND CONSTRUCTION SERVICE OFFERING ACROSS PROJECT VALUE CHAIN IN SELECTED NATURAL RESOURCES MARKET SECTORS

Platform	Capabilities	Geography	Project value chain
Oil & Gas	 Detailed engineering Procurement Construction Commissioning and maintenance 	AustralasiaAsiaAmericasEMEA	Design and Engineering / Technical Consulting
Underground Mining	 Detailed engineering Procurement Construction Commissioning and maintenance Operations 	 Americas Africa Asia Australia 	Process EPC
Power & Water	 Detailed engineering Procurement Construction Commissioning and maintenance 	• Africa	Infrastructure Construction General
Infrastructure & Building	 Detailed engineering Procurement Construction Commissioning 	 Africa Middle East	Service and Operations



GLOBAL REACH INTERNATIONAL DIVERSIFICATION





International diversification

➤Geographic positioning.

Permanent presence (offices) in regions with major opportunity in selected market segments

Follow major clients on project-by-project basis into other regions

Globally employing more than 20 000 people





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HISTORICAL FINANCIAL PERFORMANCE FARNINGS AND HEPS





- Strong action during Recovery year restored profitability
- Historically H2's stronger than H1's
- 39% increase in continuing HEPS for FY15 H1 result
- Oil & Gas expected to return similar FY15 H2 result as in FY15 H1
- Underground Mining expected to return stronger FY15 H2 result than FY15 H1
- Power & Water restructured following disappointing results



PLATFORM CONTRIBUTION EARNINGS UNDERPINNED BY INTERNATIONAL PLATFORMS AS AT END-DECEMBER 14



- International platforms (Oil & Gas and Underground Mining) contribute 65% of revenue and 93% of EBIT (Before Corporate costs)
- Africa-focused platforms present growth potential from a low base as and when market becomes more favourable

* International







Murray & Roberts GEOGRAPHY & TIME DISTRIBUTION AS AT END-DECEMBER 14

Platform		book bn	Order book % split	Order book Rbn	FY15 H1 % EBIT margin	% EBIT margin aspiration
	Dec 2014	Jun 2014	SADC Int.	FY Time Distribution		
Oil & Gas	12.2	16.8	100	2015 5.1 2016 5.9 >2017 1.2	7	5 - 7
Underground Mining	13.8	9.9	60 40	2015 5.6 2016 3.9 >2017 4.3	2	5 - 7
Power & Water	5.4	6.2	100	2015 2.1 2016 1.8 >2017 1.5	-1	5 - 7
Infrastructure & Building	6.4	8.0	68 <mark>32</mark>	2015 3.4 2016 2.8 >2017 0.2	2	< 3
	37.8	40.9	48% <mark>52%</mark>	2015 2016 >2017 R16.2bn R14.4bn R7.2bn		

Underground Mining platform expected to achieve better margins for FY15 H2



ORDER BOOK, NEAR ORDERS & PIPELINE

ROBUST NEAR ORDERS AND PROJECT PIPELINE AS AT END-DECEMBER 14



- Decrease in order book from R40,9bn (Jun 14) mainly due to Oil & Gas orders transitioning to smaller, shorter term contracts
- Underground Mining order book includes R3,0bn Booysendal (contract mining) and R1,3bn Goderich (shaft refurbishment) awarded in December 2014
- Kalagadi Manganese (contract mining) with a value of approx.
 R4,8bn in Underground Mining near orders (now secured)
- R2 billion from near orders awarded in the Infrastructure & Building platform after December 14
- Near term orders are for preferred bidder status with award subject to financial and commercial close
- Pipeline only includes targeted projects to be tendered on





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RECOVERY & GROWTH PROGRESSING TOWARDS OUR VISION



KEY ACHIEVEMENTS:

- Successfully delivered Recovery & Growth strategy between FY12 and FY14
- · Restored financial stability, returned to sustainable profitability and resumed dividend payments
- · Created a focused international engineering and construction group
- · Well positioned to take advantage of growth opportunities in selected market sectors
- Settled GPMOF major claim and received cash
- Gautrain Delay & Disruption and Dubai International Airport major claims processes progressing well and are expected
 to realise future value



A NEW STRATEGIC FUTURE



A LEADING DIVERSIFIED INTERNATIONAL PROJECT ENGINEERING, PROCUREMENT AND CONSTRUCTION GROUP BY 2020

Strategic objectives

Grow profitability and cash flows

Focus on international natural resource market sectors

Diversify business model into higher margin segments

Deliver project and commercial management excellence

Enhance the safety, performance and diversity of our people



Strategic priority

- Resolve Gautrain and Dubai claims and Gautrain water ingress
- Enhanced EBT, free cash flow and ROICE performance
- Grow gas (LNG), metals & minerals and power market presences
- · Enter industrial water market sector
- Expand specialist engineering capabilities into all project value chain segments to offer more complete project solutions to clients
- · Grow commissioning, brownfields and O&M capabilities
- Invest in selected project development opportunities
- Enhanced EPC and project management capabilities
- Entrench project, risk and commercial management best practice
- · Achieve industry leading HSE performance
- Enhance leadership capabilities and bench strength
- Improve employee relations and employee engagement
- Reposition Murray & Roberts and its brand with all stakeholders
- Enhance market valuation and positioning
- Develop attractive dividend policy





PROJECT VALUE CHAIN IMPROVED RETURNS THROUGH BUSINESS MODEL DIVERSIFICATION INCREASE CONTRIBUTION OUTSIDE CLASSIC CONSTRUCTION

Typical return and margin range per value chain segment







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PREVAILING MARKET SECTOR DYNAMICS



LONG TERM OUTLOOK SUPPORTS NATURAL RESOURCES FOCUS

Oil & Gas (Appendix 1)	 Oil price is expected to recover from its current lows Growing Australasian LNG commissioning, operations & maintenance market. Clough has largest share of Australasian commissioning market 3 additional train LNG opportunity in PNG for O&G majors New geographies – strategic acquisitions CH-IV (USA) and Booth Welsh (Europe) Growth opportunities in the gas sector and the US / Africa expected to present major opportunity in LNG Growing energy demand in China and Europe expected to support investment in gas discoveries
Underground Mining (Appendix 2)	 Commodity cycle upturn expected in the medium term Anticipated growth is reflected in a stronger order book largely from infrastructure replacement work Growing opportunities in USA, Canada and Africa and order book indicates promising early signs of market recovery Well positioned for major project opportunities: York Potash (UK), Oyu Tolgoi (Mongolia), Freeport scope growth (Indonesia) June 2015 secured R4.8bn manganese contract mining project in South Africa (Kalagadi)
Power & Water (Appendix 3)	 Medupi & Kusile to provide baseload for the next 4 to 5 years, although declining year-on-year. Power sector is experiencing increased levels of private investment as government launches tenders for thermal generation IPPs South African nuclear capacity to be added to power mix by 2030 Well positioned for significant opportunities in the renewable power sector – llanga solar opportunity reached financial close in March 2015 – mobilisation to site in FY16 H2 Strategic acquisitions: Aquamarine (Water Treatment)
Infrastructure & Building (Appendix 4)	 Co-developer of residential building opportunity with expected project value of about R1 billion Building opportunities in Africa with a South African blue chip financial services firm Need for new transport infrastructure with rail and port sectors as a key source of growth South African nuclear capacity to be added to power mix by 2030



INTERNATIONAL FOCUS AREAS

POSITIONED FOR GROWTH IN TARGET GEOGRAPHIES





Oil & Gas (International focus)

- Australasia commissioning over next 3 years followed by substantial O&M and brownfields opportunities (Accenture Australia LNG Readiness Report)
- Greenfield opportunities in PNG by FY17 and medium term in USA
- Underground Mining (International focus)
 - Growing opportunities from brownfields stay-in business capex
 - Greenfield expansion from expected upturn in commodity cycle in the medium-term
- Power & Water (Africa focus)
 - Medupi & Kusile power station projects provide baseload
 - Renewable sector opportunities. Ilanga solar in SA, financial close reached
- Infrastructure & Building (Africa focus)
 - Building opportunities in Africa with blue-chip SA financial institution
 - Residential development opportunity in SA
 - Anticipated SA public sector infrastructure spend





OIL PRICE OIL PRICE COLLAPSE DEC 14 AND WORLD BANK FORECASTS MODEST RECOVERY IN 2016





- The oil market fluctuated within a tight band around \$105/bbl between 2011 and 2013, one of the least volatile three-year periods in recent history
- OPEC's decision to abandon targeting of prices led to a sharp correction, with January 2015 averaging less than \$50/bbl
- The large production capacity currently in place points to a continuation of low oil prices for some time, with prices expected to recover modestly in 2016
- The global natural gas market remains segregated by geography, with price differentials between U.S., European, and Asian prices
- Natural gas (LNG) prices in Asia (main LNG market) linked to oil



GLOBAL LNG SUPPLY AND DEMAND

GLOBAL LNG SUPPLY FROM PRE-FID PROJECTS WILL BE REQUIRED TO MEET DEMAND POST 2019

By 2020, pre-FID capacity is required to balance the market and growth in Asian demand could pull this forward



FID – Final Investment Decision. Pre-FID capacity refers to capacity which has not taken financial closure and is not under construction yet. Source: Wood Mackenzie March 2015



FORECAST LNG DEMAND GROWTH



WILL REQUIRE GLOBAL CAPITAL EXPENDITURE OF ~ US\$355BN OVER THE PERIOD 2015 TO 2025

	LNG Supply – Demand Dynamics Drive CAPEX
Strong LNG demand growth in Pacific Basin will drive investment in supply projects	 Global LNG demand is estimated to grow from 240 mmtpa in 2014 to 440 mmtpa by 2025 (6% growth p.a.). Pacific Basin countries will account for 70% of this demand growth LNG supply from operational & under-construction projects will be ~350 mmtpa but this supply only balances demand up to 2019 ~95 mmtpa of new LNG liquefaction capacity will be required by 2025 to meet demand
New LNG supply will primarily come from projects in North America, Australasia and East Africa	 Australia is set to become the world's largest LNG exporter by 2018 based on existing and committed projects. 6 liquefaction projects with capacity to produce 50 mmtpa are currently under construction in Australia East African LNG looks promising with potential to build 23 mmtpa and beyond by 2025; but challenges need to be overcome Growth in shale gas production is driving the North American LNG export story. Estimated potential for up to 95 mmtpa LNG supply from North America by 2025 (80 from US and 15 from Canada) Project economics, country issues and buyer support will drive the development of projects
Capital expenditure of ~US\$355bn is estimated on LNG supply projects by 2025	 Capital expenditure of ~ US\$355 billion is estimated to be incurred on LNG projects during 2015-25. More than 90% of this expenditure is estimated to be in: Australasia (US\$160bn), North America (US\$90bn), Africa (US\$50bn) and West Russia (US\$28bn) Expenditure is expected to shift from an Australasia focus in short-term to North America in medium term. To the extent there is further build in the Australasia region, mainly in the longer term, brownfield expansions and possibly FLNG are the most likely development themes – also, East African LNG will accelerate in the longer term

Source: Wood Mackenzie March 2015



US\$527BN GLOBAL LNG MARKET (2015 – 2025) REGIONAL BREAK-UP OF GLOBAL CAPITAL EXPENDITURE (US\$355BN) &

OPERATING EXPENDITURE (US\$172BN) ON LNG PROJECTS

Australasia, North America and Europe presents best short to medium term opportunity



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ENGINEERED EXCELLENCE





METALS & MINERALS

DIVERSE UNDERGROUND MINING PLATFORM COMMODITY PORTFOLIO ORDER BOOK BREAKDOWN



This platform contains no exposure to opencast mining projects



KEY COMMODITIES POSITION IN CYCLE

GROWTH OPPORTUNITY FROM MEDIUM TERM CYCLE UPTURN



Murray & Roberts' current exposure to commodities

Source: Macquarie 2015



UNDERGROUND MINING PLATFORM



DEMAND UNDERPINNED BY BROWNFIELDS PROJECTS







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Appendix 1

Oil & Gas Platform – International Focus

ENGINEERED EXCELLENCE





CAPABILITIES GLOBAL - ENGINEERING, PROCUREMENT AND CONSTRUCTION

Operational Remit:

 Global engineering, from concept and feasibility studies through design and delivery including EPC & EPCM

- Full spectrum of multidiscipline engineering services – concept, FEED, detailed design
- Global network of engineering and operating centres – work share via "the Cloud"
- Specialised high value engineering services including process engineering, high end LNG consulting (CH-IV) and ECI (Booth Welsh)
- Construction execution only where risk can be controlled through local partners
- Project management (EPCM)









CAPABILITIES

AUSTRALIA & PNG - ENGINEERING, PROCUREMENT AND CONSTRUCTION

Operational Remit:

 Deliver fully integrated engineering, procurement and construction services to the Australia and Papua New Guinea (APNG) oil and sectors

- Full spectrum of multidiscipline engineering services – concept, FEED, detailed design
- Specialised niche engineering services including process engineering, front end LNG consulting (CH-IV) and ECI (Booth Welsh)
- Construction execution via EPC, D&C or construct only
- Project Management (EPCM)
- Innovative construction execution products including ClearView Daily reporting, MAP and PM Academy.









CAPABILITIES GLOBAL - NEAR SHORE MARINE INFRASTRUCTURE

Marine Operational Remit:

- Design and construct world-class near shore marine infrastructure supporting the resources and government sectors.
- Delivery models BAM Clough in Australia & PNG, CMR Marine Globally

- Import and Export Structures
- Jetty Topsides
- Ports and Port Development
- Quay Walls
- MOFs
- Regasification Terminals
- Berthing Structures, Quay Walls and Breakwaters
- Near Shore Pipelines
- Tug Pens
- Supply Bases
- Marine Engineering







CAPABILITIES GLOBAL - COMMISSIONING AND BROWNFIELDS



Operational Remit:

 Global pre-commissioning, commissioning and brownfield services for the oil and gas sector

- Hook-up and Commissioning
- Maintenance Management and Execution
- Shutdowns and Turnarounds
- Operational Readiness
- Supply of Technical Trades
- Asian Fabrication Yard Support
- Competency Assurance and Training (classroom and e-training)
- Decommissioning







CRUDE OIL MARKET OVERVIEW



289

169

204

189

299

137

189

0.02

0.002

3 661

Country

Russia

China

Iran

Canada

Kuwait

UAE

Venezuela

Irag

Nigeria

Angola Australia

South Africa

TOTAL

200

166

162

159

149

120

90

0.02

0.001

2 967



Key Comments

- Overall, of the top crude oil producing countries, a growth rate of ± 1% is evident over the forecast period
- The key countries driving this growth are Angola (± 3.5%); Iraq (± 3.2%) and Iran (± 3.2%)
- South Africa produced ~150 tons of oil in 2013, expected to produce ~190 tons in 2035



Top Countries: Crude Oil Production

299 289 213209 208 200 204 189 189 166169 159 149 120¹³⁷ Saudi Arabia Russia United China Canada UAE Venezuel Iraq Angola Nigeria Iran Kuwait States

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ENGINEERED EXCELLENCE

3.45% 0.13% 1.14% 1.0%

1.68%

0.09%

1.06%

0.79%

3.21%

0.62%





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NATURAL GAS MARKET OVERVIEW



Canada

Iran

China

Norway

Country	bcm		CAGR	growth
country ,	2013	2035e		
USA	690	1 001	1.7%	annual
Russia	669	765	0.6%	
Africa total	200	428	3.5%	highest
Qatar	162	269	2.3%	ave
Iran	161	246	2.0%	کم ا
Canada	156	190	0.9%	Yellow have
China	116	269	3.9%	fed
Norway	109	120	0.4%	highlighted
Saudi Arabia	99	136	1.5%	hig
Netherlands	86	28	-5.0%	table
Australia	85	208	4.1%	the t
Indonesia	79	157	3.2%	
TOTAL	2612	3816	1.7%	Countries in
				0 0 0

Key Comments

- Overall, a CAGR of ± 2% is evident across the top Natural Gas-producing countries
- Australia looks set to be the dominant force behind this growth, with a CAGR of ± 4% forecast
- China (± 4%) and Indonesia (± 3%) are forecast to be additional forces behind this growth

Indonesia

Saudi Arabia Netherlands

ENGINEERED EXCELLENCE



*Capacity per Department of Energy authorization to Free Trade Agreement countries, in addition to capacities under construction **Project partners' plan includes expansion up to 50 mmtpa

Source: Goldman Sachs, FGE


AUSTRALIAN DOMESTIC GAS MARKET







Australian brownfield expenditure is forecast to increase by 300%

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AUSTRALIA & PNG BROWNFIELD MARKET





Increase market share from <2% to be within top 3 of Brownfield & Commissioning contractors in Australia by 2020

Source: Clough internal analysis



NORTH AMERICAN LNG PROJECTS





USA LNG Market Snapshot

- 32 development approval applications received for Non-FTA export (circa 200 MTPA)
- Only 7 approved to date for Non-FTA (~100 MTPA)
- Of these 7, only 4 have full FERC approval (Cheniere, Cameron, Freeport, Cove Point)
- Majority located around the LA / TX border
- Bechtel and CBI are currently dominating this market



Canada

- 10 projects with export approval (totaling over 100 MTPA)
- > 9 of the 10 are in BC
- Only 2 have Environmental Approval (Kitimat & Pieridae)
- > All are "greenfield" facilities
- Of the 10, FID due this year for 2 of them (Kitimat & Pacific North West LNG)
- Four are in FEED and the remaining 4 are in earlier stages of development

49 LNG Projects proposed or approved in the region

CH-IV (based in Baltimore and Houston), acquired by Clough in 2014, recently secured:

- the owner's contract for engineer for the engineering, procurement and construction (EPC) phase of the Magnolia LNG Project in the US; and
- managing the development of the formal Federal Energy Regulatory Commission (FERC) application, including detailed engineering and design, for Freeport LNG's Train 4 at the Quintana Island Facility



GLOBAL MARINE OPPORTUNITY



Product	A \$
Jetties	\$4,751M
Ports & Harbour	\$4,390M
Nearshore Pipeline	\$392M
MOF	\$350M
Intake / Outfall	\$210M
Supply Base	\$33M
Tug Pens	\$13M
Other	\$60M

Region	A \$	
Africa	(EMEA)	\$4,286M
Middle East	(EMEA)	\$2,569M
Australia		\$1,526M
SE Asia		\$1,186M
North America		\$632M

By Product Type



By Region





AUSTRALIAN INFRASTRUCTURE A SECONDARY MARKET FOR THE OIL & GAS PLATFORM



Sectors	Expenditure 2015 to 2019
Water & Sewerage	\$12b
Main Roads	\$32b
Rail Infrastructure	\$38b
Ports and Marine	\$11b
Power	\$4b
Airports	\$8b

Expected Infrastructure Spend by Sector

Australia Total



More than \$100bn expenditure on Infrastructure Projects





Appendix 2

Underground Mining Platform – International Focus



ONE OF THE WORLD'S LEADING FULL SERVICE UNDERGROUND MINING CONTRACTORS



	M&R	RUC	Cementation
	Cementation	Cementation	Canada
	MRC	RUCC	CCI*
Service		Platform complement 140 (107	v in 2014)
Offering		t sinking, raise boring, undergr	ound development & equipping
Positioning - Differentiator	 Africa's leading underground mining contractor Design-build capability World-class training facility at Bentley Park (British Safety Council Accredited) 	 Manufactures own raise boring machines Strata 400 Operates largest raise-boring fleet in Australasia Asian capacity & track record 	 One of the largest mine contractors in North America In depth Engineering expertise Excel at client relationship management

* CCI includes Cementation United States (CUSA) & Cementation Sudamérica (CSA): CC refers specifically to Cementation Canada









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SECTOR AND PLATFORM OVERVIEW



Global Underground Mining Platform							
Boom 2007 - 2012		Decline 2013 - 2014	>	Consolidation 2015		Growth 2016 - 2018	

- Platform rode the commodity boom up until 2012 which has stalled for now with commodity prices struggling
- Arguably 2015 was a tougher year for the mining industry than the previous year

But, commodity demand projected to grow

- Not a case of whether it will grow but when & at what pace
- Growing opportunities in brownfields stay-in-business capital spend
- Greenfields expansion from expected upturn in commodity cycle in the medium term



DEMAND FUNCTION OF GLOBAL ECONOMIC GROWTH

MORE STABLE GROWTH FORECASTED AT 3-4%



Key Observations

- US economy remains the most important engine in driving global growth in 2015, with a GDP growth rate of 3%
- Emerging market growth expected to drop slightly to ~5% per year through to 2020, attributed to the slowdown & rebalancing in China
- However China will continue to lead BRICs in economic growth rates through 2016, but India could pull ahead closer to 2020 due to improved domestic demand, interest rate cuts & business oriented reforms
- Despite India projected to surpass China in GDP growth, China still remains an important growth market
- Emerging economies set to surpass advanced economies in share of global GDP (53% in 2020) attributed to the next wave of growth to emerge from seven key growth markets including Chile, Peru, Philippines & Mexico
- Looking ahead, global foreign direct investment will grow from \$1.3Trillion in 2013 to \$2.2Trillion in 2020

Source: AT Kearney Global Economic Outlook 2014-2020, IMF, World Bank, Economic Times, FTC Analysis





MINING IS A CYCLICAL BUSINESS

THERE WILL ALWAYS BE A DEMAND FOR COMMODITIES



Short-term mining capex investment still tight but expected to improve in the medium to long-term, driven by increased population growth, urbanisation & economic development



SHORT TERM PRICE OUTLOOK SUPPRESSED

EMERGING MARKET'S DEMAND TO DRIVE PRICES UPWARDS





Key Observations

- Metal prices expected to drop >5% in 2015 due to weaker demand from China, who consume ~47% of global metal production
- Commodity price decline has led to mining houses cutting exploration & capex budgets in 2014 by 21% & 15% (\$12bn) respectively
- Despite the short term volatility, prices should improve in the medium to long term due to increased demand & consumption in emerging markets coupled with the market entering a supply deficit in selected commodities
- Both the World Bank & Macquarie forecast commodity prices to improve in the medium to long term
- Macquarie's forecast is more optimistic with the price of Copper, Nickel, Zinc, Gold & Platinum expected to increase from 2015
- Forecast difference -World Bank is more conservative with their estimates, basing it solely on financial indicators, while Macquarie analyses the mining industry in more detail



GEOGRAPHIC POSITIONING



WHERE PRODUCTION IS FORECAST TO RAMP UP IN KEY COMMODITIES



Source: US Geological Survey, Wood Mackenzie, FTC Analysis



TOP-TIER MINING CLIENTS ARE THE MAIN FOCUS

ALTHOUGH NOT EXCLUSIVELY



* Indicates relationship with client in number of years

Mid-tier clients are also important including Lundin (USA), Saracens (Australia), Hudbay, Compass Minerals, Hecla (Canada), & Northam (RSA)

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Appendix 3

Power & Water Platform – Africa Focus



POWER MARKET OUTLOOK SOUTHERN AFRICA: GENERAL AND KEY PROJECTS





Source: Deloitte: Construction Trends Report; Power & Renewables Deals; PwC: Trends, Challenges & Future Outlook



Value of Key Opportunities in the SADC Region



	2016	2017	2018	2019	2020	Total Value 2016-2020
REIPP Projects	850	3 195	2 310	175	-	6 530
Coal Base Load, Co-Gen, GtP	2 700	6 200	13 400	19 200	21 000	62 500
Nuclear	-	-	-	-	-	-
O&M	150	909	923	1 197	1 522	4 701
Total	3 700	10 304	16 633	20 572	22 522	73 731



POWER MARKET OUTLOOK SOUTH AFRICA POWER PROGRAMME ROLLOUT



						2016 2016		2016 2016 2017 2018			018	2019		2020			
	Total Alloc.	Round I	Round II	Round III		H1	H2	H1	H2	H1	H2	H1	H2	H1	H2	H1	H2
Base	2 600	1 000	 	1		<		•					:				
Load Coal		600							¢.				:		:		•
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*Gas to Power





Water Source Development City Sanitation

GLOBAL

3. Water Utility Performance

4. Resource Industry Effluents water treatment will be a growing theme in the mining and oil & gas industries.

WATER MARKET

5. Corporate Awareness

1. Increasing complexity of industrial processes Need to adapt water equipment to sophisticated industrial processes and efficiency demands

- 2. Stronger international competition and price pressure in most industries Demand for efficiency increases in water reuse, reduce sludge, water treatment
- 3. Tougher environmental regulations and investor concerns
- 4. Increasing water scarcity Desalination, mobile water, water reuse

Sector Capex (US\$ Mn) 2018







Constructors, utilities and suppliers are looking to provide full services with financial involvement

	Technology, Design	Engineering, Procurement, Construction	Ownership	Operation and Maintenance
Service	 Technology and design 	 Project development Construction Engineering consulting Project management Technology integration 	 Asset management Concessions 	 Engineering consulting Facilities management Operational management
Investment	 Smaller investment but higher risk capital 	 Capital investment but negative working capital cycle 	 Capital intensive 	Low investmentAnnuity style income
Financials	 EBIT margin: 5-15% 28% of project revenue 30% + EBIT margin on high specialised propriety technology 	 EBIT margin: ~5-6% High revenue: ~62% of project revenue 	 EBIT margin: ~13% on pure ownership 	 EBIT margin: 5-15% on municipal with higher margins on high-tech membrane plants

Types of Contracting Models in Water DB: Design Build

DB(F)O, DBOT: Design, Build, (Finance), Operate, (Transfer)





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SOUTH AFRICAN MARKET OUTLOOK

A SUBDUED CONSTRUCTION CLIMATE AND OUTLOOK



Source: (1) BER; (2) SARB; (3) Industry Insight; (4) FNB Economics weekly 27/03/2015; SAFCEC, FTC Analysis



AFRICA CONSTRUCTION OPPORTUNITY

A TOTAL OF 257 MAJOR INFRASTRUCTURE PROJECTS ARE UNDERWAY ACROSS **AFRICA, DOWN FROM 322**

Top Sectors by Region



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MIDDLE EAST

GDP GROWTH IN THE REGION IS SUBDUED COMPARED TO PREVIOUS YEARS, BUT INVESTMENT IS EXPECTED TO PROCEED



Source: IMF, Deloitte GCC Powers of Construction 2014; EC Harris Research

70 60 60 50 40 **4**0 **4**0 **3**0 29 28 20 15 10 3 0 Bahrain Kuwait KSA Oman Qatar UAE

Forecast For GCC Contract Awards, 2015 (\$Bn)

Expected Sector Share of Spend (%) (2014-2016)





SERVICE OFFERING

IN THE MEDIUM TERM, THE PLATFORM IS ADJUSTING ITS POSITIONING ALONG THE VALUE CHAIN







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18 & 19 June 2015

This presentation is available on <u>http://www.murrob.com/fin_presentations.asp</u>