

CONFIRMED SPEAKERS FOR 2017

1. H.E. Suhail Al Mazrouei, Minister, Ministry of Energy, **UAE**
2. H.E. Mohamed Al Sudani, Minister, Ministry of Industry & Minerals, **Iraq**
3. H.E. Cesar Abou Khalil, Minister, Ministry of Energy & Water, **Lebanon**
4. H.E. Osheik Mohamed Taher, Deputy Minister, Ministry of Minerals, **Sudan**
5. H.E. Fekry Youssef, Undersecretary, Ministry of Petroleum & Natural Resources, **Egypt**
6. H.E. Hilal bin Mohammed Al Busaidi, CEO, Public Authority for Mining, **Oman**
7. H.E. Wissam Chbat, Chairman of the Board, Lebanese Petroleum Administration, **Lebanon**
8. Ghussaina Al Hilu, Director of Petroleum & Oil Shale, Ministry of Energy & Mineral Resources, **Jordan**
9. Azhar Khan, DG – Minerals, Ministry of Petroleum & Natural Resources, **Pakistan**
10. Tom Brady, Chief Economist, Newmont Mining Corporation, **USA**
11. Alfredo Lamego Duarte, Global Senior Category Manager – Energy, Anglo American, **Brazil**
12. Mohammad Qayoumi, Chief Advisor to the President – Infrastructure, Human Capital & Technology, Ministry of Mines & Petroleum, **Afghanistan**
13. Fabio Scacciavillani, Chief Economist & Member of the Investment Committee, Oman Investment Fund (OIF)
14. Ali Alwan, DG, State Company for Mining, **Iraq**
15. Savas Sahin, CEO, Al Masane Al Kobra Mining Co, **Saudi Arabia**
16. Markku Teräsvasara, President & CEO, Outotec, **Finland**
17. Justin Richard, CEO, Alara Resources, **Oman**
18. Dr Salim Al Busaidi, CEO, Maadin Enterprises, **Oman**
19. Nasr Elhusein, GM, Ariab Mining Company, **Sudan**
20. Tim Williams, CEO, Andiamo Exploration, **Eritrea**
21. Reyno Scheepers, CEO, Handeni Gold, **Tanzania**
22. David Archer, MD, Savannah Resources, **Oman**
23. Mayanja Jackson, CEO, Optima Mines & Minerals, TMT Mining Company, Ace Mineral Resources, & Mining Engineer, Ministry of Energy & Mineral Development, **Uganda**
24. Amanuel Arefaine, GM, Asmara Mining Share Company, **Eritrea**
25. Wondimu Yohannes, MD, Nubian Gold Exploration, **Ethiopia**
26. Jon Starink, Chairman, Oryx Mine Investment, **UK**
27. Ali Alamri, CEO, Saudi Manajem for Mining, **Saudi Arabia**
28. Jamal Matalaka, CEO, Saudi Specialty Chemical Industries, **Saudi Arabia**
29. Sisca Husodo, SVP, Anzawara Coal, **Indonesia**
30. Jorge Monroy, MD, Emerging Markets Capital, **Hong Kong**
31. Alejandro Caicedo, GM, Orica/Emirates Explosives, **UAE**
32. Saffa Fouad, DG, Iraqi Geological Survey, **Iraq**
33. Pambos Simonos, Executive Director, Arabia Global Resources, **Oman**
34. Umit Sumer, GM, Bilfer Mining, **Turkey**
35. Casper Dzomeku, GM – Ad Duwayhi Operation, Ma’aden Gold & Base Metals Company, **Saudi Arabia**
36. Neeraj Agarwal, GM, Deepak Fertilisers & Petrochemicals Corporation Ltd, **India**
37. Raed Seddiq, GM, Ittefaq Steel Products Company, **Saudi Arabia**
38. Biswajit Dasgupta, Chief Investment Officer, Emirates Investment Bank, **UAE**
39. Mallikarjuna Rao Kommana, Head - Coal Mining Operations, Dangote Industries, **Nigeria**
40. Toure Abdou, Chief Geologist, B2Gold, **Mali**
41. Mabrouk Bezaz, Director, Chamber of Commerce & Industry, **Algeria**
42. Sake van der Wal, Consul Economic – Department of Trade & Industry, South African Consulate General, **UAE**
43. Henry Antwi, Head of Mining & Metals, Oman Oil Company S.A.O.C., **Oman**
44. Yusuf Tuncel, Mining Director, Acacia Mining Operations, **Turkey**
45. Piyush Bharadwaj, Head of Projects & Operations, GS Cimentos, **Mozambique**
46. Khuwailid Al Hinai, HSE & Security Manager, Gulf Mining Group, **Oman**
47. Rajiv Garg, Principal Advisor, Coal India Ltd, **India**
48. Seife Berhe, Director, Andiamo Exploration, **Eritrea**
49. Michael Forrest, Exploration Director, Nubian Gold Exploration, **Ethiopia**
50. Moussa Keita, Chief Geologist, Endeavour Mining, **Mali**
51. Adham ElMahdy, Country Health & Safety Director, LafargeHolcim, **Egypt**
52. Christian Drewes, Technical Manager, Quarry Mining LLC, **UAE**
53. Baba Sidiye, Mining Engineer - Metals SBU Business Strategy, SABIC, **Saudi Arabia**

54. **Mohamed Saleh**, Mining Section Head, **Najran Cement**, **Saudi Arabia**
55. **Karolus Santosa**, Strategy & Project Specialist, **Kaltim Prima Coal**, **Indonesia**
56. **Muhammad Yusaf**, Senior Manager - Mining, **Minerals Exploration & Development Organization (MEDO)**, **Pakistan**
57. **Badara Diallo**, Geology Manager, **MGM**, **Mali**
58. **Afzaal Asghar**, Manager – Quarries & Projects, Saudi Marmo (Mining House Company), **Al Ayuni Group**, **Saudi Arabia**
59. **Khalid Al Hosani**, Director of Geology & Mineral Resources Department, **Ministry of Energy**, **UAE**
60. **Ali Al Sharief**, Director of Mineral Resources Administration, **Fujairah Natural Resources Corporation**, **UAE**
61. **David Oberhuber**, Programme Director – Trade & Investment Facilitation, **German Society for International Cooperation (GIZ)**, **Tajikistan**
62. **Addi Azza**, Advisor to the Minister, **Ministry of Energy, Mines, Water & Environment**, **Morocco**
63. **Yousef Tayseer**, Mining Advisor, **Ministry of Energy**, **UAE**
64. **Rafael Abela**, Director – Business Development, **DRA**, **Saudi Arabia**
65. **Ahmed Hussein**, Maintenance Coordinator, **Lafarge Emirates Cement**, **UAE**
66. **Belisti Kebie**, Mineral Economist, **Ministry of Mining**, **Ethiopia**

67. **Gholamhossein Ghorbankarimi**, Mineral Processing Expert, **Geological Survey of Iran**, **Iran**
68. **Clive Mitchell**, Industrial Minerals Specialist, **British Geological Survey**, **UK**
69. **Darren Loftas**, Senior Consultant, **Hawcroft Consulting International**, **UK**
70. **Bassem Nassouhy**, Environmental Advisor, **Fujairah Natural Resources Corporation**, **UAE**
71. **Hithame Al Khodry**, Health & Safety Engineer, **Fujairah Natural Resources Corporation**, **UAE**
72. **Willem Middelkoop**, Co-founder, **Commodity Discovery Fund**, **Netherlands**
73. Senior Executive, **Pix Processing**, **Lithuania**
74. Senior Executive, **Haver Middle East**, **UAE**
75. Senior Executive, **International Mining Services**, **UAE**
76. Senior Executive, **SNC Lavalin**, **UAE**

CHAIRS & CONTRIBUTORS

77. **Julian Smallshaw**, Head of Education Development, **Institute of Quarrying**, **UK**
78. **Wendy Treasure**, Founder & Director, **EVE Enterprises**, **Australia**
79. **Antony Benham**, COO, **International Geoscience Services**, **UK**
80. **Adel Draz**, MD, **Cement Egypt & Egyptian Chamber of Building Materials**, **Egypt**

Main conference agenda day one – 2nd October 2017

ENERGISING THE FUTURE

08.45 **Organisers welcome** David Beguely, Managing Director, Terrapinn Middle East

08.50 **Official welcome address** H.E. Suhail Al Mazrouei, Minister, Ministry of Energy, UAE

09.00 **Ministerial address** Reserved for Deputy Ministry for Mines & Mineral Resources, Saudi Arabia

09.10 **Ministerial address** Confirmed H.E. Mohamed Al Sudani, Minister, Ministry of Industry & Minerals, Iraq

09.20 **Ministerial address** Confirmed H.E. Cesar Abou Khalil, Minister, Ministry of Energy & Water, Lebanon

09.30 **Ministerial address** Confirmed H.E. Hilal bin Mohammed Al Busaidi, CEO, Public Authority for Mining, Oman

09.40 **Keynote** Defying the great big bear and navigating exceptional territory

- The world of mine investment strategy, economics and their impacts in 2017 and beyond: booms, busts, blow-overs and saying “bye-bye!” to normality
- The ingenious investor: how to make uncertainty useful
- Bulls vs bears: have we bottomed out?

Tom Brady, Chief Economist, Newmont Mining Corporation, USA

10.00 **Keynote** Energy priorities, power challenges and the potential of renewables in mining

- Reducing operational energy costs: exploring power and energy options
- Implementing integrated resource planning: sparking the culture and mindset of efficiency and sustainability
- Defining your energy strategy and why alternatives should be part of the mix

Alfredo Lamego Duarte, Global Senior Category Manager – Energy, Anglo American, Brazil

10.20 **Keynote** Responsible leadership in the sustainable use of the earth’s natural resources

- Leading exponential innovation with resource efficient technologies and life-cycle solutions
- Reinforcing the vision of a sustainable world: leadership in creating a positive footprint
- The OEM’s role in automating sustainability and energising the future

Markku Teräsvasara, President & CEO, Outotec, Finland

10.40 Speed networking

11.00 Morning tea

11.20 Streams begin: attendees can visit any of the conferences below

MINING

QUARRYING

STRATEGIC MINE MANAGEMENT		MINERAL MARKETS & MOVEMENTS		EXTRACTION EFFICIENCY	
11.20	<p>Panel Strategic production in a world of shocks and shifts</p> <ul style="list-style-type: none"> Managing production of bull and bear metals Overcapacity and oversupply: the new normal of supply-demand dynamics Exercising production flexibility to protect position <p>Savas Sahin, CEO, Al Masane Al Kobra Mining Co, Saudi Arabia Wondimu Yohannes, MD, Nubian Gold Exploration, Ethiopia David Archer, MD, Savannah Resources, Oman Sisca Husodo, SVP, Anzawara Coal, Indonesia Jorge Monroy, MD, Emerging Markets Capital, Hong Kong</p>	11.20	<p>Ministerial address Updates on mining industry of Sudan</p> <ul style="list-style-type: none"> Exploring new investment opportunities, titles and licenses Steps to pursuing mining exploration in Sudan Working to make Sudan a favourable and pro-business destination <p>H.E. Osheik Mohamed Taher, Deputy Minister, Ministry of Minerals, Sudan</p>	11.20	<p>Quarry managers open Q&A</p> <p>Open, interactive panel discussion of quarry challenges and their solutions</p> <ol style="list-style-type: none"> Loading and transporting <ul style="list-style-type: none"> Equipment, vehicles, maintenance and monitoring Crushers <ul style="list-style-type: none"> Types of crushers, belts, maintenance and drums Surveying <ul style="list-style-type: none"> Surveying technology, drilling, blasting, material handling Quality control <ul style="list-style-type: none"> Systems and processes Health, safety and environment <p>Pambos Simonos, Executive Director, Arabia Global Resources, Oman Piyush Bharadwaj, Head of Projects & Operations, GS Cimentos, Mozambique Mohamed Saleh, Mining Section Head, Najran Cement, Saudi Arabia</p>
		11.30	<p>Ministerial address Updates on mining industry of Egypt</p> <ul style="list-style-type: none"> Reform, renew and reengage: Egypt and its policies Egypt as a top mining jurisdiction in the world Revising investment models for mining in the 21st century <p>H.E. Fekry Youssef, Undersecretary, Ministry of Petroleum & Natural Resources, Egypt</p>		
11.40	<p>Getting long-term operational excellence right</p> <ul style="list-style-type: none"> Applying lean and six sigma: maximising value, minimising waste Optimising the production value chain and recycling to achieve sustainability Lessons from lean production and manufacturing from alternative industries <p>Casper Dzomeku, GM – Ad Duwayhi Operation, Ma’aden Gold & Base Metals Company, Saudi Arabia</p>	11.40	<p>Ministerial address Mining investment and development in Jordan</p> <ul style="list-style-type: none"> Updates on mining investment and development opportunities in Jordan Overview of strategies and production sharing agreements Understanding regulations and frameworks for investment in Jordan <p>Ghussaina Al Hilu, Director of Petroleum & Oil Shale, Ministry of Energy & Mineral Resources, Jordan</p>	11.50	<p>Innovation in rock extraction</p> <ul style="list-style-type: none"> Updates in safe, efficient blasting and extraction Overcoming outdated technologies for future quarry growth Fueling uptime with innovation <p>Afzaal Asghar, Manager – Quarries & Projects, Saudi Marmo (Mining House Company), Al Ayuni Group, Saudi Arabia</p>

		11.50	Mineral geology of Lebanon <ul style="list-style-type: none"> • Overview of geological makeup of Lebanon • Understanding the potential of minerals and hydrocarbons in Lebanon • Latest in the development of Lebanon’s resources and assessment of geopolitical impacts H.E. Wissam Chbat , Chairman of the Board & Head of Geology & Geophysics, Lebanese Petroleum Administration, Lebanon		
12.00	Accelerating the future of underground mass-mining <ul style="list-style-type: none"> • Overcoming technical challenges and uncertainties with large underground mines • Cost efficient excavation with mass-mining • Targeting high-grade ore bodies Reserved for SNC Lavalin	12.00	Mines and minerals in Pakistan <ul style="list-style-type: none"> • Introducing new mine laws for investment in Pakistan • Kickstarting mineral booms • Ensuring availability and security of sustainable resources Azhar Khan , Director General – Minerals, Ministry of Petroleum & Natural Resources, Pakistan	12.00	Optimisation of drill and blast operations <ul style="list-style-type: none"> • Establishing safe, efficient and cost effective blasting and use of explosives • Principles of explosive and rock interaction • Exploring explosive types, blast holes and optimum performance Alejandro Caicedo , GM, Orica/Emirates Explosives, UAE
		12.10	Investing in emerging and foreign mineral markets <ul style="list-style-type: none"> • Pushing the hunt for new discoveries in developing mineral markets • Adopting the long-term approach • Sustaining investment in partnerships and skills <i>Enquire now to sponsor this session</i>		

12.20 ROUNDTABLES

PROJECT UPDATE ROUNDTABLE DISCUSSIONS

- 1. Project update: SABIC**
Baba Sidiye, Mining Engineer - Metals SBU Business Strategy, **SABIC, Saudi Arabia**
- 2. Project update: Alara Resources in Oman**
Justin Richards, CEO, **Alara Resources, Oman**
- 3. Mining and investment in Iran**
Gholamhossein Ghorbankarimi, Mineral Processing Expert, **Geological Survey of Iran, Iran**
- 4. Project update: Iraq**
Ali Alwan, DG, **State Company for Mining, Iraq**
Saffa Fouad, DG, **Iraqi Geological Survey, Iraq**
- 5. Project update: Anzawara Coal in Indonesia**
Sisca Husodo, SVP, **Anzawara Coal, Indonesia**
- 6. Project update: Bilfer Mining in Turkey**
Umit Sumer, GM, **Bilfer Mining, Turkey**
- 7. Project update: DFPCL in India**
Neeraj Agarwal, GM, **Deepak Fertilisers & Petrochemicals Corporation Ltd, India**
- 8. Project update: Dangote Industries in Nigeria**
Mallikarjuna Rao Kommana, Head - Coal Mining Operations, **Dangote Industries, Nigeria**
- 9. Project update: GS Cimentos in Mozambique**
Piyush Bharadwaj, Head of Projects & Operations, **GS Cimentos, Mozambique**

INNOVATION ROUNDTABLE DISCUSSIONS

Enquire now to sponsor a roundtable discussion session

- 1. Mining industrial special risks**
Darren Loftas, Senior Consultant, **Hawcroft Consulting International, UK**
- 2. Future megatrends impacting minerals 2020 and beyond**
- 3. Responsible chemical management**
- 4. Megaprojects, road and rail development: anticipating demand for aggregates**
- 5. Rare earth metals and the battery boom**
- 6. Big data: the difference between being able to know and being able to show**
- 7. Wearable devices for worker safety**
- 8. Fleet monitoring, protection and management solutions**
- 9. Geotechnical solutions for quarries**
- 10. The electric earthmoving site**

13.00 Networking lunch

MINING

QUARRYING

RISE OF ROBOTS		EXPLORATION & EVALUATION		LICENSING, REGULATION & INITIATIVES	
14.20	<p>Panel The mine of the future</p> <ul style="list-style-type: none"> Envisioning the mine of the future: streamlined, safe and productive 24 hours a day Developing infrastructure required to facilitate autonomous and innovative technology in mining The future of mining is digital: humans vs robots ROI: to invest in technology or to invest in commodities? <p>Tom Brady, Chief Economist, Newmont Mining Corporation, USA Alfredo Lamego Duarte, Global Senior Category Manager – Energy, Anglo American, Brazil Casper Dzomeku, GM – Ad Duwayhi Operation, Ma’aden Gold & Base Metals Company, Saudi Arabia</p>	14.20	<p>Ministerial address Updates on mining industry of Morocco</p> <ul style="list-style-type: none"> Assessing the roadmap of geological infrastructure development Strategic and operational objectives of Morocco Facilitating cooperation with international markets <p>Addi Azza, Advisor to the Minister, Ministry of Energy, Mines, Water & Environment, Morocco</p>	14.20	<p>Ministerial panel UAE geology and mineral resources: investment laws, regulations and initiatives</p> <ul style="list-style-type: none"> Capitalising on mineral reserves for a diversified economy Meeting health, safety and environmental regulations: learning and development opportunities Propelling Fujairah and Ras Al Khaimah as leaders in the GCC quarrying market Updates on investment laws, planning and licensing processes in UAE Understanding authorities involved and how to work with them Government initiatives to support UAE mineral development <p>Ali Al Sharief, Director of Mineral Resources Administration, Fujairah Natural Resources Corporation, UAE Khalid Al Hosani, Director of Geology & Mineral Resources Department, Ministry of Energy, UAE Ministry of Climate Change & Environment, UAE Ministry of Economy, UAE RAK Investment Authority/Free Trade Zone, UAE</p>
		14.30	<p>Restarting a mining operation in KSA</p> <ul style="list-style-type: none"> Overcoming challenges of mining in KSA and the GCC Increasing productivity of underground and processing plants Developing new gold projects in KSA <p>Savas Sahin, CEO, Al Masane Al Kobra Mining Co, Saudi Arabia</p>		
		14.50	<p>Qatar case study Investing for a diversified future</p> <ul style="list-style-type: none"> Accelerating growth of Qatar’s minerals market Thinking long term and diversifying future revenues Targeting a high growth strategy 		
				15.00	<p>Investing in people</p> <ul style="list-style-type: none"> Empowering people through great leadership Achieving innovation through investing in your workforce Addressing international standards for people management <p>Julian Smallshaw, Head of Education Development, Institute of Quarrying, UK</p>

15.00	Driving digital opportunities in mining <ul style="list-style-type: none"> Managing limited resources with digital applications Gains in labour productivity and safety Exponential shifts in competitiveness Utilising the power of big data and analytics Pix Processing	15.10	Mineral property valuation: guaranteeing ROI <ul style="list-style-type: none"> Evaluating mineral projects: what to consider? The three valuation approaches: cost, market, income Techniques for risk assessment <i>Enquire now to sponsor this session</i>	15.10	Investing in MENA markets <ul style="list-style-type: none"> The why's and how's of investing in minerals and aggregates New market entry: who are the local business partners and how to identify them? Tips for foreign investors looking to enter MENA markets <i>Enquire now to sponsor this session</i>
JUNIORS IN ACTION		MINES IN ACTION		DESIGN, DEVELOPMENT & DELIVERY	
15.20	Junior showcase: Ethiopia <ul style="list-style-type: none"> Location, data, stocks Why invest? Wondimu Yohannes, MD, Nubian Gold Exploration, Ethiopia Michael Forrest, Exploration Director, Nubian Gold Exploration, Ethiopia	15.20	Exploration in Saudi Arabia <ul style="list-style-type: none"> Driving mineral exploration in gold, phosphates, bauxite and gold-copper Mineral business in Saudi Arabia Contract mining vs self-mining Ali Alamri, CEO, Saudi Manajem for Mining, Saudi Arabia	15.20	Quarry development in Duqm, Oman <ul style="list-style-type: none"> Opening the door for increased mineral exports in Oman Updates on the next superquarry of the region Reviewing the expansion programme for future sustainability Pambos Simonos, Executive Director, Arabia Global Resources, Oman
15.30	Junior showcase: Saudi Arabia <ul style="list-style-type: none"> Location, data, stocks Why invest? 	15.30	Evaluating potential mineral deposits in Oman <ul style="list-style-type: none"> Updates on geological mapping of Oman Overview of current operational deposits: marble, chromite, silica Exploiting future deposits part of strategic long-term plans Dr Salim Al Busaidi, CEO, Maadin Enterprises, Oman		
15.40	Junior showcase: Tanzania <ul style="list-style-type: none"> Location, data, stocks 	FUTURE ENERGY		15.40	Panel Public-private cooperation <ul style="list-style-type: none"> PPPs: the MENA opportunity

	<ul style="list-style-type: none"> • Why invest? <p>Reyno Scheepers, CEO, Handeni Gold, Tanzania</p>	<p>15.40</p>	<p>Panel Power and energy: the renewables shift</p> <ul style="list-style-type: none"> • Adopting energy efficiency as a strategic priority to reduce operational expenditure • Assessing renewable options for operational mines and quarries • A look at the long-term ROI for investing in energy efficiency • Can mines and quarries generate 100% of their energy from renewable sources? • Examining solar, wind and hybrid initiatives • Combating challenges with powering remote sites • Assessing methods of storing and recycling excess power and energy <p>Alfredo Lamego Duarte, Global Senior Category Manager – Energy, Anglo American, Brazil</p>		<ul style="list-style-type: none"> • Making relationships with government work • Cases of successful PPP initiatives • Managing timelines and stakeholders involved in large PPP projects
<p>15.50</p>	<p>Junior showcase: Eritrea</p> <ul style="list-style-type: none"> • Location, data, stocks • Why invest? <p>Tim Williams, CEO, Andiamo Exploration, Eritrea Seife Berhe, Director, Andiamo Exploration, Eritrea</p>				
<p>16.00</p>	<p>Junior showcase: Pakistan</p> <ul style="list-style-type: none"> • Location, data, stocks • Why invest? <p>Muhammad Yusaf, Senior Manager - Mining, Minerals Exploration & Development Organization (MEDO), Pakistan</p>				

<p>16.10</p>	<p>Conducting due diligence of juniors</p> <ul style="list-style-type: none"> • Sourcing the data you need efficiently and quickly • How to use information to analyse a junior, exploration or development mining company <p><i>Enquire now to sponsor this session</i></p>	<p>16.00</p> <p>Rethinking the optimum energy strategy</p> <ul style="list-style-type: none"> • Optimising fossil-fuels, solar, battery and payment systems for best energy performance • On-grid vs off-grid solutions to manage energy price increase and reliable supply • Case studies to develop, fund and deliver renewable assets • Energy improvements through better alignment and integration <p><i>Enquire now to sponsor this session</i></p>	<p>16.10</p> <p>Maximising usable material from your quarry site</p> <ul style="list-style-type: none"> • Advanced geotechnical modelling solutions for material management • Waste minimisation strategies and techniques for quarry operators • Cost gains of reusable material <p><i>Enquire now to sponsor this session</i></p>
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16.20 Networking break

OPERATING IN A DIGITAL WORLD

17.00 **Keynote Digitally-savvy miners: the operator's architecture for digital transformation**

- Developing new skills and business models to compete effectively in an all-digital world
- Inspiring change and top-down commitment
- Attracting change agents and champions

Enquire now to sponsor this session

17.20 **Keynote Recalibrating the extractives industry for a digitally energised world**

- Technological leadership and the innovation adoption curve in a world of disorder
- The disruptive operator: staying ahead of competition with technology
- Defining the miner's innovation strategy: achieving breakthrough performance

17.40 Close of day one

Main conference agenda day two – 3rd October 2017

CEO STRATEGY & INVESTMENT MORNING

09.10 **Keynote panel** The world of investment, macroeconomics and geopolitical ripples

- Assessing the business impacts of Trumponomics, Brexit and Eurozone crises
- Evaluating shifts in mood, sentiment, globalisation and the rise of economic nationalism
- Scenario planning to ride the waves of change

Fabio Scacciavillani, Chief Economist & Member of the Investment Committee, **Oman Investment Fund (OIF)**

Biswajit Dasgupta, Chief Investment Officer, **Emirates Investment Bank, UAE**

Tom Brady, Chief Economist, **Newmont Mining Corporation, USA**

09.30 **Keynote panel** Strategies for investing in today's mineral markets

- Approaching investment strategies in foreign mineral markets
- Shifting global powers: a look at the mineral contribution to sustainable economies
- CEO strategy: anticipating, maintaining and gaining in the new normal

Wondimu Yohannes, MD, Nubian Gold Exploration, Ethiopia

Pambos Simonos, Executive Director, **Arabia Global Resources, Oman**

10.00 **Keynote** Improving the long-term approach to investing in operational excellence

- Striving for excellence and avoiding short-term views in a capital stricken climate
- Committing feasible long-term investment to operational excellence: adopting lean practices
- Finding new productivity gains: learning from alternative industries

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10.20 Networking break

10:40 Morning tea

11.20 Streams begin: attendees can visit any of the conferences below

MINING

QUARRYING

HAZARDS, SAFETY & SECURITY		MINES, MONEY & MINISTRIES		RETHINKING MINERAL PROCESSING	
11.20	Hazards and how to avoid them <ul style="list-style-type: none"> In-action case studies: cause and control Integrating hazard identification for sites Mitigation measures and their implementation Preparing for an accident investigation Khuwailid Al Hinai, HSE & Security Manager, Gulf Mining Group, Oman	11.20	Ministry showcase Uganda <ul style="list-style-type: none"> Growth and outlook of Uganda Taxes and licensing Exploration, mining and processing for gold and base metals in Uganda Mayanja Jackson, CEO, Optima Mines & Minerals, TMT Mining Company, Ace Mineral Resources, & Mining Engineer, Ministry of Energy & Mineral Development, Uganda	11.20	Improving operational efficiency of mineral processing <ul style="list-style-type: none"> Utilising world-class technology to ensure competitive leadership of production Mineral processing innovations in action: crushers, screens, wears and spares Implementing fully automated operations
		11.30	Ministry showcase Tanzania <ul style="list-style-type: none"> Growth and outlook Taxes and licensing 		
11.40	Top miners' health tech <ul style="list-style-type: none"> Quality management of workforce health Prevent and monitor: recording milestones and triggers Deploying artificial intelligence in underground mines Monitoring and managing workforces with wearable devices 	11.40	Ministry showcase Ethiopia <ul style="list-style-type: none"> Growth and outlook Taxes and licensing Belisti Kebie, Mineral Economist, Ministry of Mining, Ethiopia	11.40	Saving power with optimised crushing chambers <ul style="list-style-type: none"> Re-engineering crushing chambers in the Middle East Reducing power consumption without compromising crushing capacity Lowering total costs and reducing voltage to save energy
		11.50	South Africa mining investment in an African context <ul style="list-style-type: none"> African mining activities and opportunities Investment environment in South Africa South African linkages and support for projects into Africa and South Africa Sake van der Wal, Consul Economic – Department of Trade & Industry, South African Consulate General, UAE		

<p>12.00</p>	<p>Ensuring safe management of advanced additives and chemicals</p> <ul style="list-style-type: none"> • Fertiliser chemical additives – what’s involved? • Innovative products and approaches to chemical and fertilizer management in mining • Helping the mining industry meet complex metallurgical and environmental challenges <p>Jamal Matalaka, CEO, Saudi Specialty Chemical Industries, Saudi Arabia</p>	<p>12.00</p>	<p>Indonesia case study The next trillion-dollar economy?</p> <ul style="list-style-type: none"> • Indonesia as a mining destination: options for foreign investors • Revised mining regulations, relaxed export rules and revitalised opportunities • Update on in-country processing and refining requirements <p>Karolus Santosa, Strategy & Project Specialist, Kaltim Prima Coal, Indonesia</p>	<p>12.00</p>	<p>Fully automated plants and versatile quarries</p> <ul style="list-style-type: none"> • Driving innovations in aggregates production with plant automation • Asset integration: feeders, crushers, screens and conveyors • Generating electricity through innovative conveyor management <p>Christian Drewes, Technical Manager, Quarry Mining</p>
		<p>12.10</p>	<p>Developing mines in emerging markets</p> <ul style="list-style-type: none"> • Establishing access in emerging markets • Commissioning facilities to extract, treat and transport • Going online and preparing for commercial production 		

12.20 ROUNDTABLES

PROJECT UPDATE ROUNDTABLE DISCUSSIONS

- 1. Updates on the mining industry of Algeria** (*discussion led in Arabic*)
Mabrouk Bezaz, Director, **Chamber of Commerce & Industry, Algeria**
- 2. Mining update from Pakistan**
Azhar Khan, Director General – Minerals, **Ministry of Petroleum & Natural Resources, Pakistan**
- 3. Project update: Sudan**
Nasr Elhussein, GM, **Ariab Mining Company, Sudan**
- 4. Project update: Savannah Resources**
David Archer, MD, **Savannah Resources, Oman**
- 5. Project update: Uganda**
Mayanja Jackson, CEO, **Optima Mines & Minerals, TMT Mining Company, Ace Mineral Resources, & Mining Engineer, Ministry of Energy & Mineral Development, Uganda**
- 6. Project update: Turkey**
Yusuf Tuncel, Mining Director, **Acacia Mining Operations, Turkey**
- 7. Project update: Saudi Arabia**
Mohamed Saleh, Mining Section Head, **Najran Cement, Saudi Arabia**
- 8. Update on the minerals market in Afghanistan**
Mohammad Qayoumi, Chief Advisor to the President – Infrastructure, Human Capital & Technology, **Ministry of Mines & Petroleum, Afghanistan**

INNOVATION ROUNDTABLE DISCUSSIONS

Enquire now to sponsor a roundtable discussion session

- 1. Investment opportunities of UAE: geophysical survey results 2002-2012**
Clive Mitchell, Industrial Minerals Specialist, **British Geological Survey, UK Arab Mining Company, UAE**
- 2. Developing manufacturing clusters and cross-border corridors around mineral markets**
- 3. Hire local, buy local**
- 4. Corporate social responsibility: people, planet, profit**
- 5. ETF's in mining**
- 6. Building a mining business in today's climate**
- 7. Waste disposal facilities and management**
- 8. Training and development with virtual and augmented reality solutions**
- 9. Transporting explosives safely and efficiently**
- 10. Efficiency in mine/quarry rehabilitation**

13.00 Networking lunch

MINING

QUARRYING

FINANCE & INVESTMENT I		ASSET MANAGEMENT		ENVIRONMENTAL MANAGEMENT	
14.20	<p>Junior exploration: the power of discoveries</p> <ul style="list-style-type: none"> • Pioneering discovery investing and overview of discovery portfolio • Reviving investor appetite in juniors and exploration • Why juniors will spur the mining rebound <p>Willem Middelkoop, Co-founder, Commodity Discovery Fund, Netherlands</p>	14.20	<p>Mastering innovation in mine asset management</p> <ul style="list-style-type: none"> • Balancing the engineering and business perspective • Running an automated asset management project with agility and flexibility • Developing and executing your innovative, efficient asset management strategy 	14.20	<p>Panel Managing environmental concerns for quarry operators</p> <ul style="list-style-type: none"> • Government agendas: climate change, recycling and waste, carbon emissions, biodiversity • Meeting requirements and regulations: looking at internal training and development needs • The quarry managers challenge of increasing output, whilst meeting regulations <p>Hithame Al Khodry, Health & Safety Engineer, Fujairah Natural Resources Corporation, UAE Bassem Nassouhy, Environmental Advisor, Fujairah Natural Resources Corporation, UAE Yousef Tayseer, Mining Advisor, Ministry of Energy, UAE Adham ElMahdy, Country Health & Safety Director, LafargeHolcim, Egypt Ministry of Environment & Climate Change, UAE</p>
14.40	<p>The case for long-term leasing</p> <ul style="list-style-type: none"> • Considering buy, lease or sell options for mines and quarries • No 'one size fits all in' aggregates • Assessing lease accounting rules, leases and contracts • Lease financing vs bank financing <p>Jon Starink, Chairman, Oryx Mine Investment, UK</p>	14.40	<p>Assets: integrity, ROI and maximising depreciation</p> <ul style="list-style-type: none"> • Regular inspective and maintenance of assets • Preventive and predictive maintenance • Assessing how asset integrity management systems fit in to your strategy • Accuracy of records and data management <p>Ahmed Hussein, Maintenance Coordinator, Lafarge Emirates Cement, UAE</p>	14.40	<p>Corporate social responsibility in the mineral industry</p> <ul style="list-style-type: none"> • The role of operators in reducing negative impacts of their projects • Actions companies can undertake • Investing in infrastructure, developing communities and building human capital <p>Yousef Tayseer, Mining Advisor, Ministry of Energy, UAE</p>

<p>15.00</p>	<p>Metal streaming: the world's saviour?</p> <ul style="list-style-type: none"> • Streaming: a lucrative and low risk investment model • Non-dilutive financing for mining companies • Examples of streaming success 	<p>15.00</p>	<p>India case study Drone technology for mine monitoring</p> <ul style="list-style-type: none"> • Introducing drones in mines: surveillance, monitoring, inspection and safety • Recording drone data and resulting cost analysis benefits • Defining the miner's asset and resource inventory with drones: reclaimed area, profiling, volume calculation <p>Rajiv Garg, Principal Advisor, Coal India Ltd, India</p>	<p>15.00</p>	<p>Hazardous waste disposal</p> <ul style="list-style-type: none"> • How to identify and manage hazardous and non-hazardous waste • Permits and regulations for managing hazardous waste • Cutting edge solutions for waste facilities
<p>15.10</p>	<p>Financial reporting in the mining industry</p> <ul style="list-style-type: none"> • International financial reporting standards (IFRS) • How to respond to accounting challenges along the value chain <p><i>Enquire now to sponsor this session</i></p>	<p>15.10</p>	<p>Unplanned equipment downtime: cease and desist!</p> <ul style="list-style-type: none"> • Asset management, reliability and maintenance leadership • Anticipating obstacles and eliminating unexpected repairs and replacements • Top downtime fails of 2017 and how to prevent them! <p>Rafael Abela, Director – Business Development, DRA/Minoplex, Saudi Arabia</p>	<p>15.10</p>	<p>Dedust solutions: facts, fads and fillers</p> <ul style="list-style-type: none"> • Dust control in bulk mineral handling and processing • Advantages of installing dedust solutions: concepts, design and technicalities • Health, safety and machinery maintenance considerations <p><i>Enquire now to sponsor this session</i></p>
<p>FINANCE & INVESTMENT II</p>		<p>TALENT MANAGEMENT</p>		<p>INTERNET OF EVERYTHING</p>	
<p>15.20</p>	<p>Debt management in capital-stricken landscapes</p> <ul style="list-style-type: none"> • Identifying and shedding non-core assets • How big data can enable autonomous decisions on handling procedures • Outlook for debt and leverage 2017-2018 	<p>15.20</p>	<p>The great mining brain drain</p> <ul style="list-style-type: none"> • Cyclical bear impact on the retiring and redundant • Managing mass exodus of long-term, mid-level professionals • Strategies for passing on expertise and managing skill-gaps • The disappearing and disengaged: generation changes and demographics 	<p>15.20</p>	<p>1000 examples of industrial IoT in action</p> <ul style="list-style-type: none"> • From dust to concrete to vehicle tyres to conveyor belts: the most revolutionary IoT solutions • Investing in IoT: making it work for your business • Mapping your quarry network of sensors • The power of IoT big data and analytics for quarries

<p>15.40</p>	<p>Performing effective risk management for mine investors</p> <ul style="list-style-type: none"> Identifying all material risks Implementing control measures Effective crisis management Maintaining stakeholder expectations and standards 	<p>15.40</p> <p>Panel The ongoing drive for female empowerment in mining</p> <ul style="list-style-type: none"> Achieving gender equality Championing cultural change and moving the conversation forward Developing diverse teams <p>Moderator Wendy Treasure, Founder & Director, EVE Enterprises, Australia</p> <p>Panelists Ghussaina Al Hilu, Director of Petroleum & Oil Shale, Ministry of Energy & Mineral Resources, Jordan Mayanja Jackson, CEO, Optima Mines & Minerals, TMT Mining Company, Ace Mineral Resources, & Mining Engineer, Ministry of Energy & Mineral Development, Uganda Sisca Husodo, SVP, Anzawara Coal, Indonesia</p>	<p>15.40</p> <p>The network provider at the heart of mineral innovation</p> <ul style="list-style-type: none"> Network connectivity to facilitate the use of advanced technology Ensuring availability of network connectivity in remote locations The 5G path for mineral operators Bringing your project up to speed
<p>JUNIORS IN ACTION II</p>			<p>16.00</p> <p>Automating traffic movement with radio frequency identification</p> <ul style="list-style-type: none"> RFID tags in action: solutions for busy, chaotic quarries Managing workforce, assets, contractor trucks and resource load efficiency Benefits to worker safety and load recovery <p><i>Enquire now to sponsor this session</i></p>
<p>16.00</p>	<p>Junior showcase Eritrea</p> <ul style="list-style-type: none"> Location, data, stocks Why invest? <p>Amanuel Arefaine, GM, Asmara Mining Share Company, Eritrea</p>		
<p>16.10</p>	<p>Junior showcase Mali</p> <ul style="list-style-type: none"> Location, data, stocks Why invest? <p>Badara Diallo, Geology Manager, MGM, Mali</p>	<p>16.10</p> <p>Market rate alignment in a hypercyclical world</p> <ul style="list-style-type: none"> First port of call: salaries, contractor rates, expatriate packages, expenses Adjusting rates in line with market changes Importance of accurate data and analytics tools <p><i>Enquire now to sponsor this session</i></p>	

16.20 Networking break

17.00 End of conference day two