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Certain scientific and technical information contain in this Presentation is based on or derived from the Company's technical report entitled "NI 43-101 Technical Report on EMED's Rio Tinto Copper Project, Huelva Province, Spain" dated February 2013 and which is available on the Company's corporate profile on SEDAR at <a href="www.sedar.com">www.sedar.com</a>.

### **Investment Highlights**



- FULLY FUNDED TO 7.5MTPA PRODUCTION AT RIO TINTO COPPER PROJECT<sup>1</sup> WELL IN EXCESS OF ORIGINAL 5MTPA PLANS AT LOWER COST
- ALL KEY PERMITS NOW RECEIVED TO COMMENCE PRODUCTION IN Q3 2015
- MANAGEMENT TEAM WITH PROVEN PROJECT DEVELOPMENT AND OPERATING TRACK RECORD
- **SUPPORTIVE STRATEGIC SHAREHOLDERS**
- CONFIRMED LOW CAPITAL INTENSITY BROWNFIELD PROJECT
- SIGNIFICANT EXISTING INFRASTRUCTURE, INCLUDING PROCESSING FACILITIES
- POTENTIAL UPSIDE THROUGH EXPANSION TO 9-10MTPA AND REGIONAL EXPLORATION

### **Key Management for Project Delivery**





ALBERTO LAVANDEIRA ADÁN Chief Executive Officer

- Over 36 years' experience operating and developing mining projects
- Graduate of the University of Oviedo, Spain with a degree in Mining Engineering
- As a Director of Samref Overseas S.A from 2007-2014, he represented the interests of one of the shareholders in the JV that developed the world-class Mutanda Copper-Cobalt Mine in the D.R.C.
- Former President, CEO and COO of Rio Narcea Gold Mines, which built three mines including Aguablanca in Spain



JULIAN SANCHEZ
GENERAL MANAGER OPERATIONS

- 19 years of international mining experience including Spain, DRC, Mauritania, China and Peru
- Former Deputy Head of Mining at Eferton Resources
- Involved in the development of the world-class Mutanda Copper-Cobalt Mine in the DRC, and was involved in the development of Kinross' Tasiast Mine in Mauritania and Aguablanca in Spain
- Mining Engineer with an MBA in Mineral Economics from the University of Curtin, Western Australia



JOHN LEACH
CHIEF FINANCIAL OFFICER

- Over 35 years' international experience in senior financial and executive director positions within the mining industry
- Currently serves on the Board of KEFI Minerals Plc (since 2006) and is a former member of the boards of Resource Mining Corporation Limited (2006 to 2007) and Gympie Gold Limited (1995 to 2003)
- Holds a Bachelor of Arts (Economics) and a Master of Business Administration

EXPERIENCED TEAM IN PLACE TO DELIVER INITIAL PRODUCTION IN Q3 2015





# **Transaction Overview**

### Subscription, Placing and Open Offer



#### **KEY TERMS**

- Investors: Trafigura Pte Ltd ("Trafigura"), Orion Mine Finance (Master) Fund I LP ("Orion") Yanggu Xiangguang Copper Co. Limited ("XGC") and Liberty Metals & Mining Holdings, LLC ("Liberty") (together, with their designated affiliates, the "Investors")
- Equity Financing: £64.9m
  - Subscription by the Investors (US\$80m): £54.7m
     Placing (approximately US\$10m): £6.8m
     Open offer (approximately €5m): £3.4m
     Issue price: 4.75 pence
- In addition, bridge loan<sup>1</sup> and Orion and XGC convertible loan notes<sup>1</sup> converted to ordinary shares at the placing price

# USE OF PROCEEDS

- Finance development of Rio Tinto Copper Project to 7.5Mtpa
  - Remaining Phase 1 capex (5.0Mtpa)
  - Phase 1 Expansion capex (7.5Mtpa)
- Working capital/contingency

#### TIMETABLE

- 28 May: Transaction announced
- 29 May 11 June: Bookbuild period (10 business days)
- 19 June: Open offer closes

- 23 June: EGM
- 24 June: Settlement / Admission

# OTHER MATERIAL TERMS

- Appointment and Pre-emption Rights: Each Investor to have the right to appoint one director of the board (subject to minimum 10% shareholding). Advisory committee with one representative from each of the Investors and one representative from the Company to be established which will provide technical advice to the Company. Investors also have a right of pre-emption over further issues of equity shares (subject to minimum 5% shareholding)
- **Board Independence:** Company retains right to appoint a non executive director for each investor appointed director and relationship agreement style undertakings to be given by each Investor so that the Company can operate independently of the Investors
- Offtake: Offtake on balance of production not covered by existing agreements for a term of 15 years split between Trafigura, Orion and XGC

### **Sources & Uses**



#### **COMMENTARY**

- Behre Dolbear International completed an NI 43-101 compliant report on the Rio Tinto project in February 2013 (the "Technical Report")
  - Estimated planning and construction costs of US\$199m to reach
     5.0Mpta production
- The Company estimates that this can be reduced as follows:
  - Technical Report assumed a EUR:USD exchange rate of 1.25 revised to 1.10 based on current exchange rates (equates to a reduction of c.US\$24m)
  - Cost reductions of c.US\$62m (revised estimate from US\$50m targeted capital expenditure reductions announced in Sept 2014)
  - Deferral of c.US\$31m costs
  - The Company has spent c.US\$44m to date
- The estimated amounts outstanding are as follows:

Phase 1 (5.0Mtpa): c.US\$38m
 Phase 1 Expansion (7.5Mtpa): c.US\$58m
 Total: c.US\$95m

- The Company is raising c.US\$95m from the Equity Financing, and is set to receive €8.8m (c.US\$10m) from a Government subsidy provided requisite investment/employment levels are reached
- The c.US\$9m surplus to be raised is to fund working capital/contingency
- US\$11m estimated Environmental Bonding has been replaced by an insurance bond with no cash backing and is therefore excluded from the use of funds (as was previously achieved for the €6m Social Bond)
- Use of proceeds excludes any payments that may be due to Astor (see p.34 for further details)

#### Sources & Uses

Sources	US\$m	EURm
Subscription by Investors <sup>1</sup>	80	73
Placing <sup>1,5</sup>	10	9
Open Offer <sup>2,5</sup>	5	5
Government subsidy	10	9
Total Sources	105	96

Uses	US\$m	EURm
Phase 1: Original capex for 5Mtpa <sup>3</sup>	199	159
Phase 1: FX savings (EUR:USD 1.25 to 1.10)	(24)	-
Phase 1: Cost reductions <sup>4</sup>	(62)	(57)
Phase 1: Deferred costs <sup>4</sup>	(31)	(28)
Phase 1: Capex spend to date	(44)	(40)
Phase 1: Estimated remaining capex	38	34
Phase 1 Expansion: Estimated capex for expansion to 7.5Mtpa <sup>4</sup>	58	52
Total estimated capex remaining	95	87
Working capital/contingency	9	9
Total Uses	105	96

Note: Numbers may not add due to rounding

- 1. Converted at GBP:USD 1:1.4652
- 2. Converted at GBP:EUR 1:1.41
- 3. Behre Dolbear NI 43-101 Report
- EMED management estimates (cost reductions based on a combination of achieved and targeted savings)
- 5. Assumes full take-up of Placing (US\$10m) and Open Offer (€5m)

### **EMED Post Transaction**



#### **HIGHLIGHTS**

- V
- FULLY FUNDED TO 7.5MTPA PRODUCTION<sup>1</sup>
- V

**SIGNIFICANT SUPPORT FROM MAJOR SHAREHOLDERS** 

V

INCREASED BALANCE SHEET FLEXIBILITY WITH NO DEBT AND REDUCED SECURITY CONSTRAINTS

 $\checkmark$ 

OFFTAKE SECURED ON FIRST 15 YEARS OF PRODUCTION

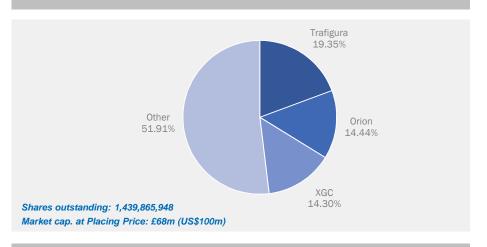
V

QCA<sup>2</sup> COMPLIANT BOARD (9 MEMBERS/4 INEDS)<sup>3</sup>



>25% FREE FLOAT<sup>1</sup>

#### **PRE TRANSACTION**



#### POST TRANSACTION<sup>1</sup>



- Assumes full take-up of Placing (US\$10m) and Open Offer (€5m)
- Quoted Companies Alliance
- 3. Expected board composition shortly after closing





# Rio Tinto Copper Project

### Introduction to Rio Tinto Copper Project



#### **OVERVIEW**

- EMED Mining owns 100% of the Rio Tinto Copper Project through its wholly-owned subsidiary EMED Tartessus
  - Past-producing open-pit copper mine in the Iberian Pyrite Belt, 65 km northwest of Seville
  - Last operated in 2001, and placed on care and maintenance when copper price fell below US\$1.00/lb
  - Peak annual throughput of 9mtpa reached in 1998
- Low-risk brownfield refurbishment of existing infrastructure
  - NI 43-101 Technical Report completed by Behre Dolbear in February 2013
  - First production expected Q3 2015
    - Phase 1: 5.0Mtpa from Q1 2016
    - Phase 1 Expansion: 7.5Mtpa from Q2 2016
    - Phase 2: 9.0Mtpa expected from end 2016
  - Estimated capital expenditure outstanding<sup>2</sup>
    - Phase 1: c.US\$38m
    - Phase 1 Expansion: c.US\$58m
  - LOM C1 cash costs: US\$1.50/lb
  - LOM C2 cash costs: US\$1.65/lb
  - LOM C3 cash costs: US\$1.73/lb
- Large reserve and resource base
  - Open pit measured and indicated resources of 203Mt @ 0.46% Cu (based on a US\$3.00/lb pit shell)
  - Open pit proven and probable reserves of 123Mt @ 0.49% Cu (based on a US\$2.00/lb pit shell)
  - Drilling programme to upgrade resources to support expansion plans
    - First phase completed with resource recalculations ongoing

#### PROJECT LOCATION



#### OPEN PIT MINERAL RESERVES AND RESOURCES<sup>1</sup>

	Ore (Mt)	Copper (%)	Copper (kt)
Reserves			
Proven	39	0.38	148
Probable	84	0.54	458
Total Reserves	123	0.49	606
Resources			
Measured	48	0.38	180
Indicated	155	0.49	760
Total Measured & Indicated	203	0.46	930
Inferred	2	0.50	10

- 1. Behre Dolbear NI 43-101 Report; Based on a 0.2% cut-off grade; Resources are inclusive of Reserves; Resources based on \$3.00/lb pit shell; Reserves based on \$2.00/lb pit shell
- See p.14 for capital cost reconciliation

### **Infrastructure and Site Layout**



 77km by truck on paved road to port at Huelva

#### Power

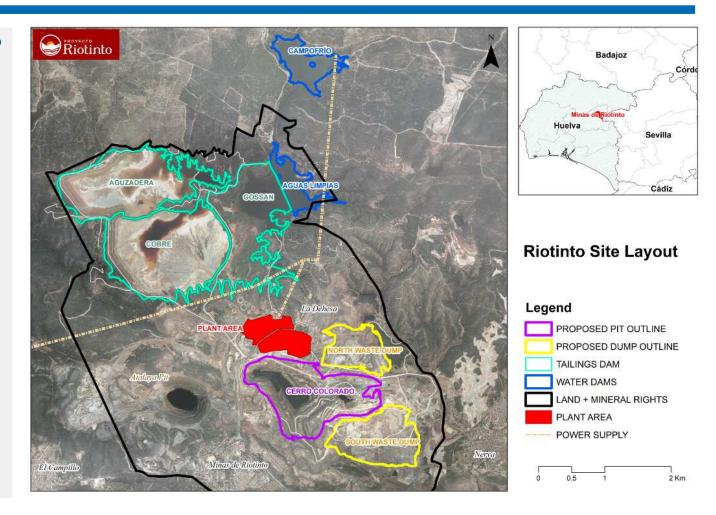
- 24MW HV power connected in June 2015
- Expected to be expanded in September to 31MW
- Company has requested up to 40MW from mid-2016

#### Water

- Approximately 5 million cubic metres of clean water is available
- Acidic water in pits to be used after treatment

#### Tailings

- Tailings capacity of approximately
   2 years with minimal work
   required
- Design by external experts ongoing with up to 120Mt anticipated within current footprint
- Expansion space available within current licence area



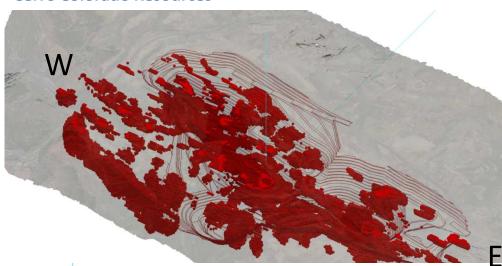
## **Pit Design**

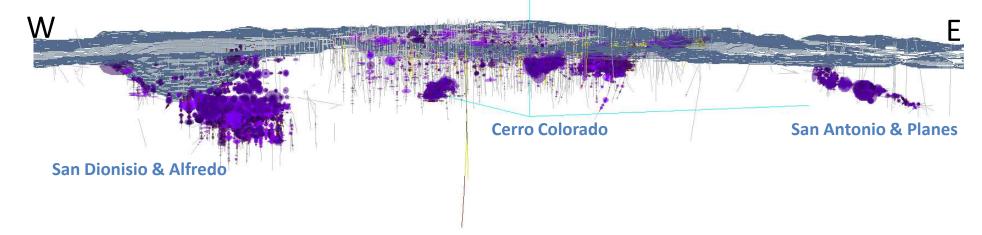


#### **Open Pit Outline**



#### **Cerro Colorado Resources**

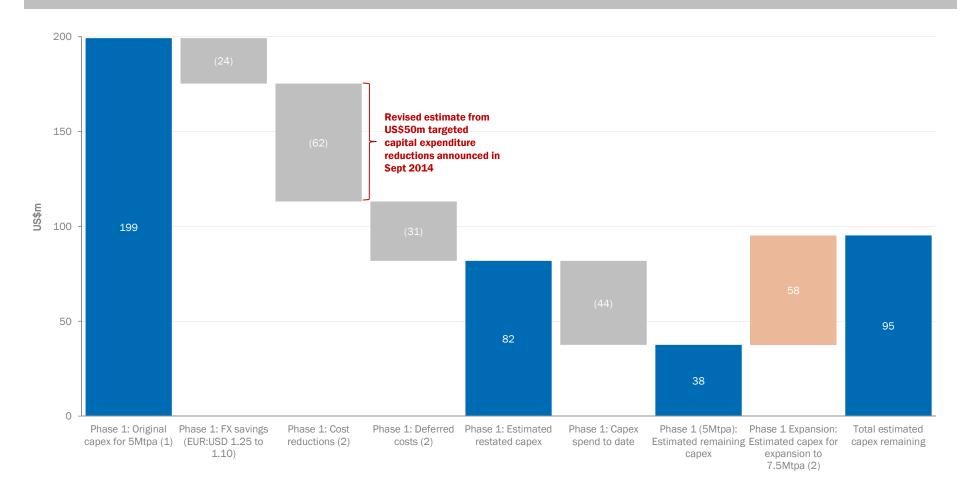




### **Capital Costs**



#### RECONCILIATION OF CURRENT CAPITAL COST ESTIMATE TO BEHRE DOLBEAR NI 43-101 REPORT



Note: Numbers may not add due to rounding

1. Behre Dolbear NI 43-101 Report

2. EMED management estimates (cost reductions based on a combination of achieved and targeted savings)

### **Key Recent Developments**



#### H1 2014

- Unified Environmental Authorisation (AAU) permit granted
- Administrative standing permit granted (transmission of mineral rights)
- Government of Andalucía awards €8.8 million grant for development of Rio Tinto
- Plant refurbishment commences

#### H<sub>2</sub> 2014

- £13.1 million equity financing completed with two existing shareholders (XGC and Orion)
- Potential US\$50 million of capex savings for Phase 1 identified
- US\$30m bridge financing completed with three largest shareholders (Trafigura, XGC and Orion)
- Board changes: Roger Davey appointed as Chairman and Alberto Lavandeira appointed as CEO (Ronnie Beevor, Isaac Querub Caro, Ashwath Mehra and Bob Francis resign)

#### H1 2015

- Mining Permit granted and Restoration Plan approved last significant regulatory approvals required for mining and processing operations to commence in Q3 2015
- First blasting took place in April contractor working on pre-stripping
- Energy supply contract signed HV connection expected in June
- Provisional water supply permit received final permit pending
- EPCM: Site construction >80% complete overall project >90% complete
- First steps of commissioning to start before the end of Q2 2015
- Initiated detailed review of options to expand production beyond 7.5Mtpa (Phase 2 targeting 9.0-10.0Mtpa)

#### Positioned to deliver initial production in Q3 2015

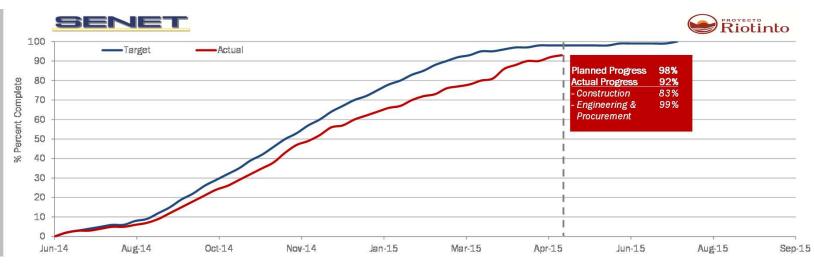
### **Phase 1 Progress**



TIMELINE TO COMPLETION

	2014									2015											2016						
	J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	М	Α	М	J	J	Α	S	0	N	D	J	F	М
Milestones																											
Administrative Standing																									0000000		
Mining contractor appointed				000																					-		
Equipment pre-ordered				000																		-					
Mining application				00000																							
Mining permit				000																							
Finance in place				00000																							
Mining contractor mobilization				0															Den	otes	poss	ible e	arly co	omme	ncem	ent	
Ramp up to commercial production																			Ш								
Commercial production (5Mtpa)																											
Key workstreams																											
Project construction & refurbishment	П																										
Grid construction power																											
Mining pre-production																											
Dewatering programme																											





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### **Refurbishment Progress**





**Primary Crusher Control Room** 



**Primary Crusher** 



**Coarse Ore Stockpile** 



Secondary / Tertiary Crusher Area and Screening Area: Replacement of side sheeting and dust extraction unit installed



**Secondary / Tertiary Crusher refurbished** 

## Refurbishment Progress (cont'd)





Milling Area: New cyclone clusters installed



**Rod Mill Feed Chute installed** 



Rod Mill, sump, pump & piping installled



**First Cleaner Flotation Cells** 



**Rougher flotation Cells refurbished** 



Flotation Area: Cleaner Overflow Manifold

# Refurbishment Progress (cont'd)









Concentrate thickener & filter press area









**New Reagents Plant Construction Progress** 



**Laboratory Setup in progress** 

## Refurbishment Progress (cont'd)





**Primary Crusher Apron Feeder Refurbished** 



**Concentrate Store** 



**Main Substation** 



**Tailings Dam refurbishment works in progress** 



**Fine Ore Stock refurbishment in progress** 

### **Optimisation and Expansion Opportunities**



#### RESERVES/ RESOURCES

- Potential to expand reserve base current 2P reserves (123Mt @ 0.49% Cu) are based on a US\$2.00/lb pit shell,
   while M&I resources (200Mt @ 0.46% Cu) are based on a US\$3.00/lb pit shell
- Drilling programme to increase open pit reserves to support expansion plans is ongoing (>17,000m of RC drilling completed during 2014 and 2015 YTD) external consultant updating block model
- Compilation of all existing drilling data based on detailed geological reinterpretation has resulted in a better understanding of higher grade deposits outside the pit shell – these are being evaluated by external consultants

#### MINING

- Mine plan adapted to optimise pre-production in-pit water drainage requirements
- Ongoing optimisation of layout for dumps to reduce haulage distances

#### **PROCESS**

- Expected expansion from 5.0Mtpa to 7.5Mtpa within original Phase 1 18 month duration at lower capex (Phase 1 Expansion)
- Studies ongoing to evaluate opportunity to expand to 9.0-10.0Mtpa using new milling and flotation capacity (Phase 2) with similar capital intensity to Phase 1 and Phase 1 Expansion

#### INFRASTRUCTURE

- Studies ongoing to evaluate opportunity to use existing infrastructure at the former gold plant for water treatment –
  water in pits to be treated and re-used to minimise use of external water and discharge
- Approved plan for accelerated availability of grid power ahead of original plans cold commissioning to be performed with generators
- Studies ongoing for expansion of existing tailings storage areas within the current footprint

#### ENGINEERING/ EXPANSION STUDIES

- Conceptual studies on treatment of mixed Pb-Zn-Cu ores in separate new circuits ongoing
- Expansion scenarios being modelled beyond 9.0-10.0Mtpa production subject to copper price and resource base
- Conceptual studies on optimisation of concentrate quality ongoing

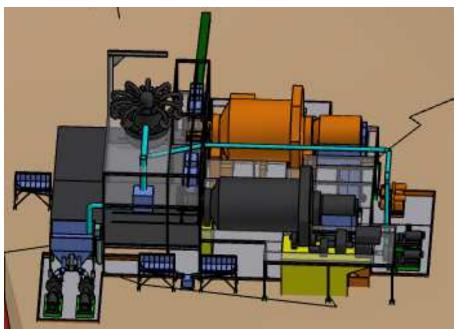
### **Phase 1 Expansion and Phase 2**



Phase 1 Expansion – 7.5mtpa

PHASE 2 - 9.0-10.0MTPA









# **Concluding Thoughts**

### Conclusion



- FULLY FUNDED TO 7.5MTPA PRODUCTION AT RIO TINTO COPPER PROJECT<sup>1</sup> WELL IN EXCESS OF ORIGINAL 5MTPA PLANS AT LOWER COST
- ALL KEY PERMITS NOW RECEIVED TO COMMENCE PRODUCTION IN Q3 2015
- MANAGEMENT TEAM WITH PROVEN PROJECT DEVELOPMENT AND OPERATING TRACK RECORD
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