

# **GOLD IN EASTERN & SOUTHERN AFRICA**

A PATHWAY TO PRODUCTION



### **DISCLAIMER**



This presentation may contain forward-looking statements which involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance, or achievements of Helio Resource Corp. ("Helio") to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements.

Forward looking statements may include statements regarding exploration results and budgets, resource estimates, work programmes, strategic plans, market price of precious and / or base metals or other statements that are not statements of fact.

Although Helio believes the expectations reflected in such forward-looking statements are reasonable, it can give no assurance that such expectations will prove to have been correct. Various factors that may affect future results include, but are not limited to: fluctuations in market prices of metals, foreign currency exchange fluctuations, risks relating to exploration, including resource estimation and costs and timing of commercial production, requirements for additional financing, political and regulatory risks, and other risks described in Helio's Management Discussions and Analyses as filed on SEDAR. Accordingly, undue reliance should not be placed on forward-looking statements.

All technical information contained within this presentation has been reviewed and approved for disclosure by Mr. C. MacKenzie, M.Sc., C.Geol, Helio's COO and Qualified Person as designated by NI 43-101.

Readers are further referred to the Resource and PEA reports on the company's website and on SEDAR for more detailed information on the resource and PEA.

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# **VISION & STRATEGY**



#### Vision:

Helio Resource Corporation aims to deliver value to its shareholders by discovering and bringing to production high-grade, high-potential gold projects in Eastern and Southern Africa

#### **Strategy:**

**Tanzania** - Rapidly advance the SMP Gold Project to production while progressing the high-grade resource potential.

**Namibia**: Advance the DGP Gold & Tin Project with our joint venture partner Damara Gold Corp.



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# BOARD OF DIRECTORS AND OWNERSHIP



D. Grenville Thomas, Chairman	Founder, Aber Resources Chairman, Strongbow Exploration Inc.
Stephen T. Leahy, Director	Former Chairman and CEO, North American Tungsten
Richard Williams, Director	CEO & co-Founder - Helio Resource
Chris MacKenzie, Director	COO & co-Founder - Helio Resource
Bradford A. Mills, Director	Managing Director of Plinian Capital CEO and Director of Mandalay Resources Corp. President and Executive Director of West African Minerals Corp.
Mark V. Sander, Director	Principal of Plinian Capital President of Mandalay Resources Corp.

Ownership (as at October, 2014)		
Total shares issued and outstanding	218,078,959	
Plinian/CE Mining	27.5%	
IFC (World Bank)	7.6%	
Insiders	6.2%	
Macquarie Capital	3.3%	
TOTAL	44.6%	

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# STRONG INSIDER OWNERSHIP



Listing	TSX-V: HRC
Issued and Outstanding	218,078,959
Management and Insiders	~33.7% <sup>(1)</sup>
Institutional Holdings	~11% <sup>(2)</sup>
Warrants	66,238,000
Stock Options	4,250,000
Fully Diluted	288,566,959 <sup>(3)</sup>
Debt	Nil

- (1) Incl. 27.5% CE Mining shareholding (CE Mining is a joint venture between Generation Asset Management and Plinian Capital LLP)
- (2) Incl. IFC (member of the World Bank), which owns ~7.6% of the issued and outstanding shares.
- (3) Incl. 25,000,000 warrants @ \$ 0.14 (exp. May 8, 2015), 30,738,000 warrants @ \$ 0.10 (exp. June 13, 2016), 10,500,000 warrants @ \$ 0.10 (exp. July 29, 2016) and 4,250,000 stock options @ \$0.25 0.85

# FINANCIAL AND TECHNICAL BACKING

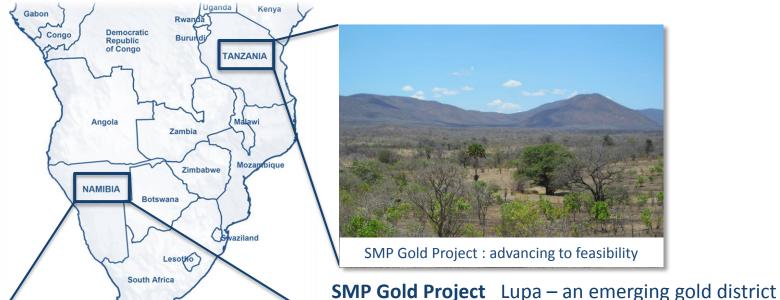


#### **CE Mining**

- CE Mining is Helio's largest shareholder, owning 27.5% of the issued and outstanding capital (60 Million shares)
- Initial investment in May 2013 (\$0.07 unit), follow-on investment July 2014 (\$0.05 unit)
- CE Mining also owns 40,000,000 warrants (38.75% partially diluted)
- CE Mining is jointly owned and managed by:
  - **Generation Asset Management** a London based investment management company with over \$1B in assets under management
  - Plinian Capital a private equity firm specializing in the discovery, development, production and turn-around of resource sector projects. Two of the principals of Plinian Capital are Bradford Mills and Dr. Mark Sander
- Brad and Mark have a proven track record of production success they joined Mandalay Resources (MND.TO) in 2009 as a micro cap junior and built it into a dividend-paying-producer within 3 years. Mandalay currently has a market cap of \$400mm, operates mines on three continents with 2014 guidance of 141,000 to 156,000 ounces gold equivalent.

# **GOLD PROJECTS IN EAST SOUTHERN AFRICA**





New NI 43-101 resource<sup>(1)</sup> Historic high-grade underground mine New high-grade discoveries Adjacent to the ~80,000 ounces per year New Luika Mine (Shanta Gold; AIM - SHG)



Option agreement with Damara Gold Corp New discovery near Navachab Gold Mine, operated by QKR (Qatari SW) Emerging gold belt B2Gold building Otjikoto mine

DGP Gold Project: new discovery on trend from a producing gold mine

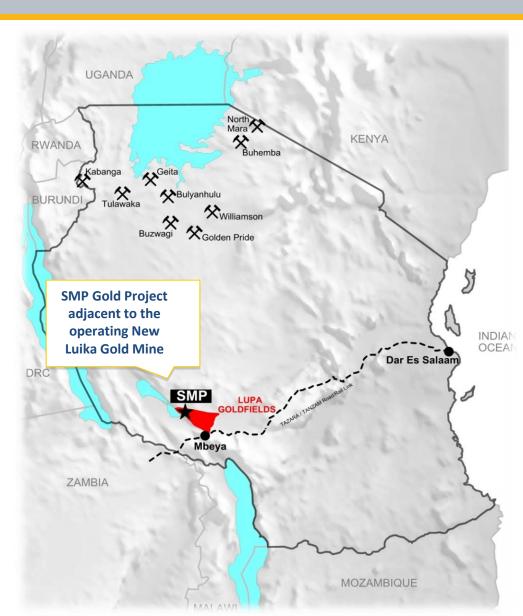
(1) Helio news release dated February 3, 2014

# **SMP GOLD PROJECT - TANZANIA**



#### TANZANIA OVERVIEW

- 6 gold mines in production operated by African Barrick, AngloGold, Resolute Mining and Shanta Gold
- 4% Royalty to government on gold
- 30% corporate tax rate
- No carried interest
- Government strongly supportive of new mine development



# **SMP GOLD PROJECT: SUMMARY**



Land Package	23,800 ha (238 km²)
Ownership	100% (subject to royalty)
Location	SW Tanzania
Metallurgical Testwork	Up to 96% recovery
Historical Production	270,000 oz @ 7.5g/t Au (1939 – 1956)
Mineralisation	Orogenic and/or Intrusion-related gold

- 6 km from Shanta Gold's New Luika mine: Probable Open Pit and Underground Ore Reserves of 4.95Mt at 4.33g/t Au for 690,000 oz (as at end Sept 2014)
- Identification of high-grade zones at the Kenge and Porcupine Targets on SMP Project.
- Retention Licences granted allows for 5 years of development work before conversion to Mining Licence
- Close to water source, road accessible, possibility of lower cost grid power via IPP
- Large land package in emerging gold district
- Year-round exploration

# SMP GOLD PROJECT: NEW RESOURCE



Cut off grade (g/t Au)	Resource Classification	Tonnes (Millions)	Average grade (g/t Au)	Contained Gold (oz)
1.0	Indicated	9.45	2.07	627,000
1.0	Inferred	3.62	1.54	180,000
1.5	Indicated	5.04	2.80	453,000
1.5	Inferred	1.24	2.18	87,000
3.0	Indicated	2.05	5.04	332,000
3.0	Inferred	0.09	5.21	16,000
4.0	Indicated	1.32	5.86	249,000
4.0	Inferred	0.08	5.45	14,000

New Higher-Grade NI 43-101 Compliant Resource as announced February 3, 2014

#### LUPA – AN EMERGING GOLD DISTRICT



#### **Neighbouring New Luika Mine commenced** production August 2102:

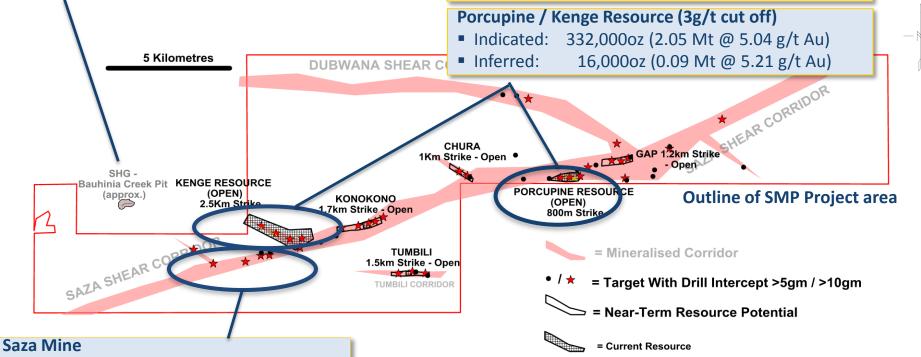
- Operated by AIM-listed Shanta Gold
- JORC compliant Probable Mineral Reserves<sup>(1)</sup>: 4.95Mt grading 4.33g/t Au, for 690,000 oz Au
- Guidance of 80,000 to 83,000 ounces for 2014<sup>(1)</sup>

#### Porcupine / Kenge Resource (1g/t cut off)

- Indicated: 627,000oz (9.45 Mt @ 2.07 g/t Au)
- Inferred: 180,000oz (3.62 Mt @ 1.54 g/t Au)

#### Porcupine / Kenge Resource (1.5g/t cut off)

- Indicated: 453,000oz (5.04 Mt @ 2.80 g/t Au)
- Inferred: 87,000oz (1.24 Mt @ 1.54 g/t Au)



- Historic high-grade mine (1939 1956)
- 270,000 oz produced at 7.5g/t Au

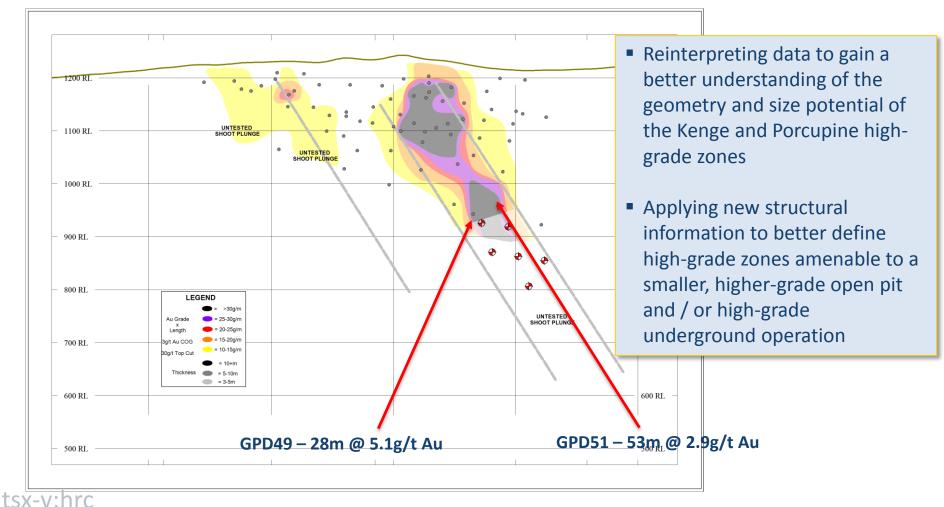
(1) Please refer to Shanta Gold's News Releases dated 20 October 2014

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# HIGH-GRADE POTENTIAL – PORCUPINE

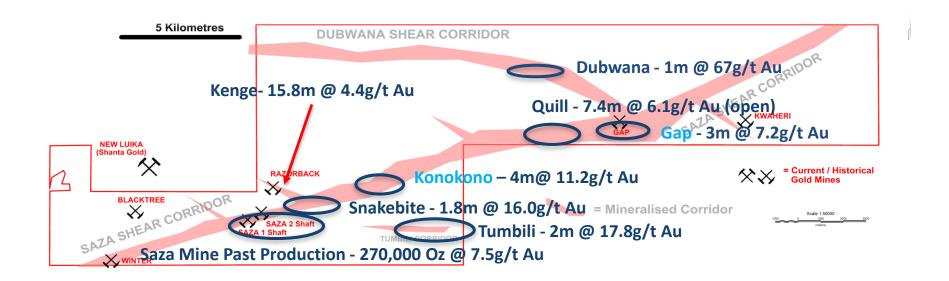


- Deepest drilled intercepts at Porcupine are high-grade (53 m @ 2.9 g/t Au and 28 m @ 5.1 g/t Au)
- High grade zone is open to depth focus of drill programme



# **NEW HIGH-GRADE TARGET PIPELINE**





Q4 2014 DRILL PROGRAMME				
Target	Previous Intercepts	Holes Planned	Meters of drilling	Objective
Porcupine	28m at 5.1g/t Au	5	~3,000	Extend Underground Inferred Resource
Konokono	13m @ 3.7g/t Au	Up to 20	~2,000	Define shallow open pit
Gap	3m @ 7.2g/t Au	Up to 20	~2,000	Inferred Resources

# SMP v NEW LUIKA – A VALUE COMPARISON

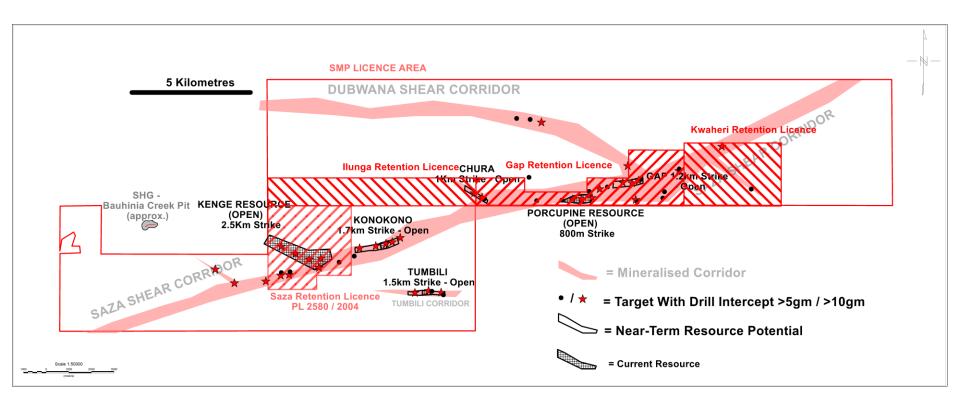


Metric	Helio - SMP	New Luika (Shanta Gold)
Historical Production	1.1 Mt @ 7.5 g/t (270,000 oz)	64,000 oz in 2013
Current Resources - Indicated (1g/t cut off)	9.45 Mt @ 2.07g/t (627,000 oz)	8.4 Mt @ 3.7g/t (990,000 oz)
Current Resources – High Grade (3g/t cut off)	2.05 Mt @ 5.04g/t (332,000 oz)	3.6 Mt @ 6.0g/t (698,000 oz)
Reserves	none to date	4.95 Mt at 4.33g/t (690,000 oz)
Production	Target: 50,000 to 60,000 oz/year	2014: 80,000 to 83,000 oz
Stripping Ratio	~3.6:1	12.5 : 1
Life of Current Reserves /Resources	~7 years (inc ramp-up/down)	~7 years from 2015
Processing Recovery (gravity + CIL)	92%	91%
Targeted cash costs inc royalties (US\$/oz)	\$800 - 840/oz (steady state)	Open pit: \$748/oz Underground: \$815/oz
Market Cap	C\$8.7M	GBP 43.3M (C\$78M)
Enterprise Value	C\$10.9 M	C\$123M

The SMP Gold Project has similar geology and multiple occurrences of high-grade gold mineralisation in addition to the high-grade zones identified within the Kenge and Porcupine Resource Areas.

## **SMP LICENCE STATUS**





Retention Licences Granted April and May, 2014 – allows for 5 years of development work prior to conversion to a Mining Licence

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# NAMIBIA - DGP GOLD and TIN PROJECT



Land Package	2 licences, 722 km <sup>2</sup>
Ownership	100% (subject to royalty)
Location	Central Namibia
Mineralisation	Skarn-associated gold
	Granite-hosted Sn-Ta-Nb

- Licence located 50km along strike from producing Navachab Mine (AngloGold Ashanti), same stratigraphy and geology
- Excellent infrastructure: power and paved road access within 30km of main target
- First DD hole intersected 50 m @ 2.1 g/t Au, 0.8% Cu, 14 g/t Ag incl. 7 m @ 9.0 g/t Au, 4.4% Cu, 73 g/t Ag
- Other highlights include 12 m @ 6.8 g/t Au, 14 m @ 3.1 g/t Au, 7 m @ 3.6 g/t Au, 4 m @ 11.6 g/t Au, 5 m @ 6.0 g/t Au, 6 m @ 5.3 g/t Au, and 1 m @ 32.8 g/t Au





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## NAMIBIA - DGP GOLD POTENTIAL



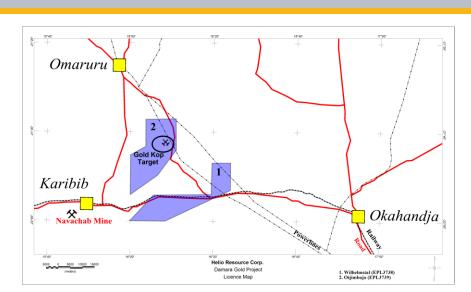
- Located on an established gold trend
- Same stratigraphy and geology as +6 Moz\*
   Navachab Mine, located 25 km SW of DGP
   Project
- DGP Project is also located 150 km SE of the Otjikoto Mine (B2Gold) which is being developed

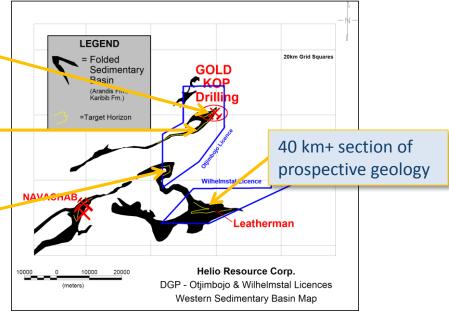
7 m grading 9.0 g/t Au, 4.4% Cu and 73 g/t Au (within 50 m @ 2.1 g/t Au, 0.8% Cu, 14g/t Ag)

20 km+ section of prospective geology, only 4 km covered by soil sampling

Twin Peaks Target – on strike from Navachab – same geology and mineralization style

• ~1.5Moz produced, 4.4 Moz non-NI 43-101 compliant resource, potential to grow significantly

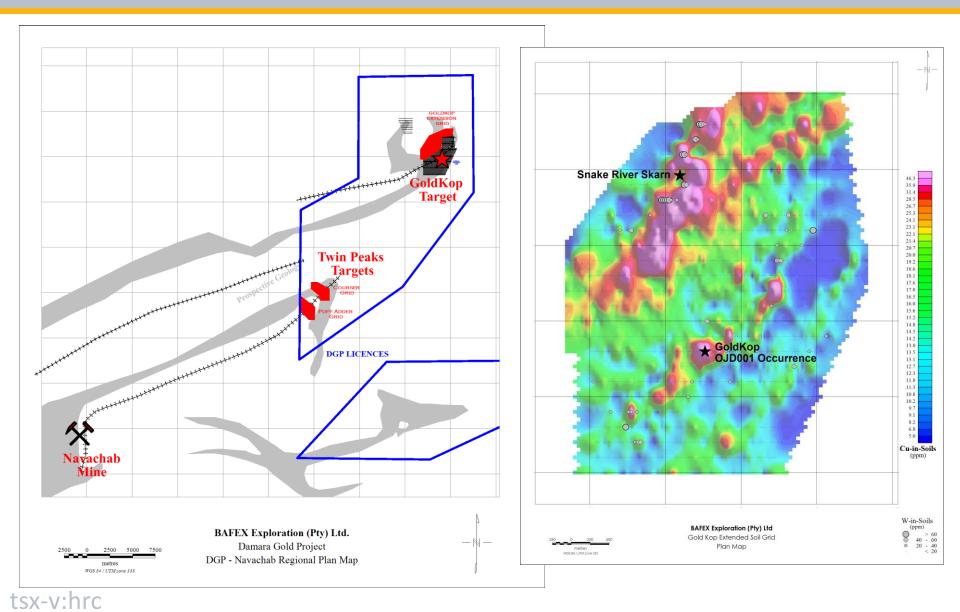




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# NAMIBIA - DGP GOLD POTENTIAL



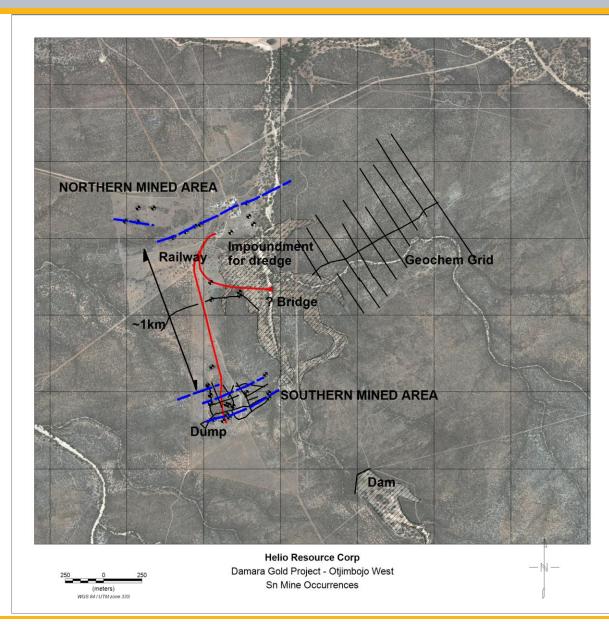


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# NAMIBIA - DGP TIN POTENTIAL



- 100% owned by Helio
- 11 Km SW of Helio's GoldKop Au target
- Within 1km of a National Road, major river and powerline
- 10km from 330 kV powerline
- 15km from Railway Siding
- Previously explored and mined by Iscor / Imkor



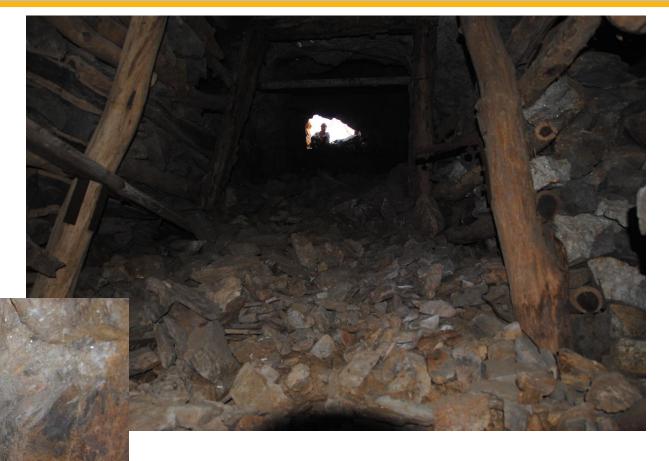
# NAMIBIA - DGP TIN TARGET



#### **Northern Mining Area:**

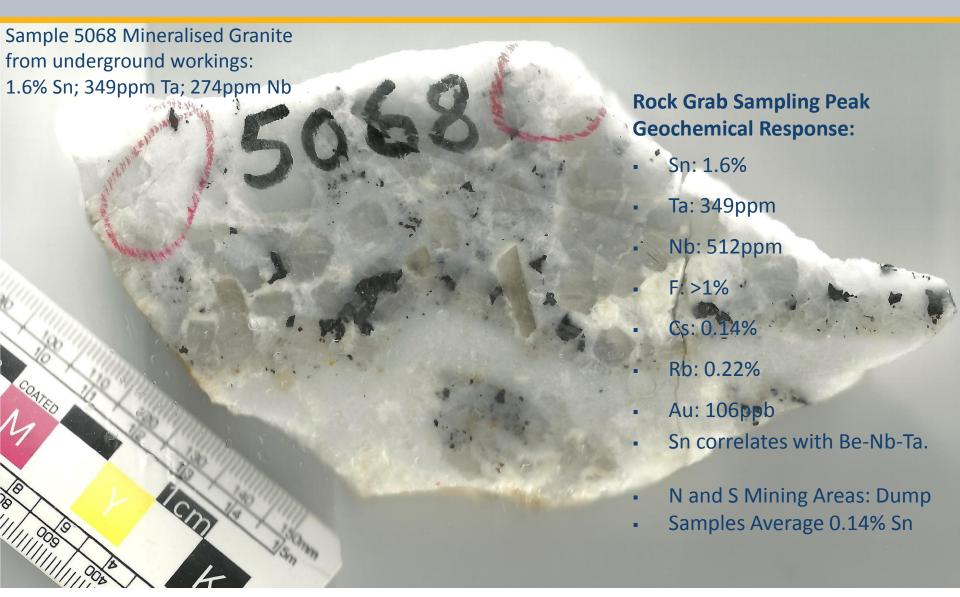
60m deep decline (silted up at base)

of development, 2 raises (one holed). Not stoped out



# NAMIBIA - DGP TIN





## NAMIBIA – DAMARA GOLD DEAL



#### Damara Gold Corp (TSX-V:DMR) DGP earn in:

- Option to earn up to a 60% interest in the project
- Stage 1 to get to a 51% interest requires:
  - Expenditure of \$1.5M over 3 years
  - Issuance of 1,500,000 shares to Helio
- Stage 2 to get to a 60% interest requires:
  - Expenditure of \$1.5M in Year 4
  - Issuance of 500,000 shares to Helio

# **NEAR TERM VALUE-ADD**



- Drill programme at SMP, Tanzania Q4, 2014
- New Mineral Resource Estimate for SMP Q1, 2015
- Demonstrate potential for Navachab-sized gold deposit for DGP Gold Project, Namibia
- Identify the tin potential at DGP, Namibia



# **HELIO – IN SUMMARY**



- Strong team
- Solidly backed by CE Mining who bring financial strength and demonstrated track record of value creation
- Encouraging higher grade resource in SMP Gold Project, Tanzania
  - ➤ Good potential to increase higher-grade resource ounces from high-grade cores within lower-grade vein halos
  - Open-pit and underground resources
- Namibian project strategically important high-grade adjacent to producing mine
- Attractive valuation and entry point





# **APPENDICES**



## **MANAGEMENT**





Richard Williams, CEO, Director and Founder – Over twenty years of industry experience in gold mining and precious and base metal mineral exploration in Africa, the Americas, and southern Europe. Co-founder of the BAFEX group of companies, the precursor to Helio Resource Corp.

Chris MacKenzie, COO, Director and Founder – Over twenty-four years of industry experience as a mining/exploration geologist and in various management positions. Co-founder of the BAFEX group of companies, the precursor to Helio Resource Corp.



Andrew MacRitchie, CFO – Over ten years of experience working with public companies in the technology and commodities sectors.

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# TANZANIA OVERVIEW





Location	Eastern Africa, bordering the Indian Ocean between Kenya and Mozambique, bordered by 3 largest lakes on the African continent
Population	48.2 (July 2013) million, growing 3% per year
Political System	Unitary Republic based on multi-party democracy with the Chama Cha Mapinduzi as the ruling and dominant political party
GDP	\$28.25 billion USD (2012), estimated value of gold produced as percentage of GDP 10% (goldfacts.org)
Infrastructure	Solid – roads, rail network, ports, 2 international airports and good telecommunications
Natural Resources	Gold, diamonds, uranium, gemstones, natural gas, iron ore, coal, nickel, tin, phosphates, soda ash and salt
Gold Mining	Prominent in Tanzania for more than a century. Tanzania is now 15 <sup>th</sup> largest gold producing country in the world (goldfacts.org)
Gold Mines	Large scale mining is a relatively recent development, but there are now 5 large scale mines being operated by majors: African Barrick, AngloGold Ashanti, Resolute Mining and Shanta Gold
Gold Royalty Rate to Govt	Increased from 3 to 4% in 2010 on gold export
Project Royalty to local Partner	2% reducable to 1% with cash payment prior to production
Tax Revenue Contribution	Gold production accounts for one of the largest sources of tax revenue for Tanzania (3.6%), potentially increasing to 6-8% in 2017

# NAMIBIA OVERVIEW



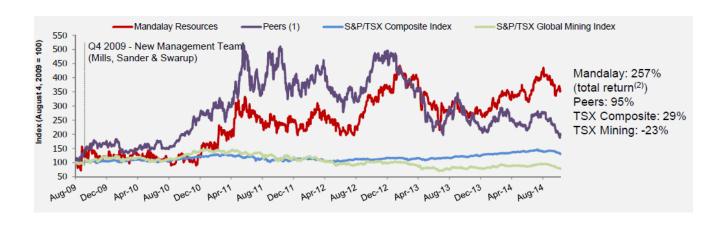


Location	Southwest Africa, bordering the Atlantic Ocean between Angola, Botswana and South Africa
Population	2.25 (2012) million, growing 2% per year
Political System	Unitary semi-Presidential Republic based on multi party democracy with the South West African People's Organisation as the ruling and dominant political party
GDP	\$12.8 billion USD (2012), mining provides 25% of revenue towards GDP
Infrastructure	Excellent – roads, rail, deep water port, international airport and good telecommunications
Natural Resources	Gold, diamonds, uranium, zinc, copper, rare earth metals, natural gas, tin.
Gold Mining	Navachab gold mine in production since 1989 (Anglo Gold Ashanti) Otjikoto Mine being developed currently (B2Gold)
Gold Royalty Rate	3%

# PLINIAN: A HISTORY OF VALUE CREATION



- Plinian Capital is an investor in, and a leading operational manager of mineral discovery, development, production, and turnaround opportunities
- Since its formation in 2009, Plinian has delivered exceptional results to shareholders and established a track record of success through its participation in Mandalay Resources Corp (TSX: MND), West African Minerals (AIM:WAFM), Nimini Holdings Ltd. (Private), and CE Mining Ltd. (Private)
  - Mandalay's share price has risen 20-fold since the Company's entry and involvement in 2009
  - > West African Minerals was the top performer on the London AIM exchange in 2012
- Bradford Mills (Founder and Managing Director), and Mark Sander (Principal) have joined Helio's Board of Directors, adding over 50 years of relevant industry experience





(1) Peer group includes: Endeavour Silver, First Majestic Silver, Fortuna Silver, MeEwan Mining and Primero Mining Prices as at October 10, 2014

# IFC - CREDIBILITY AND BEST PRACTICES

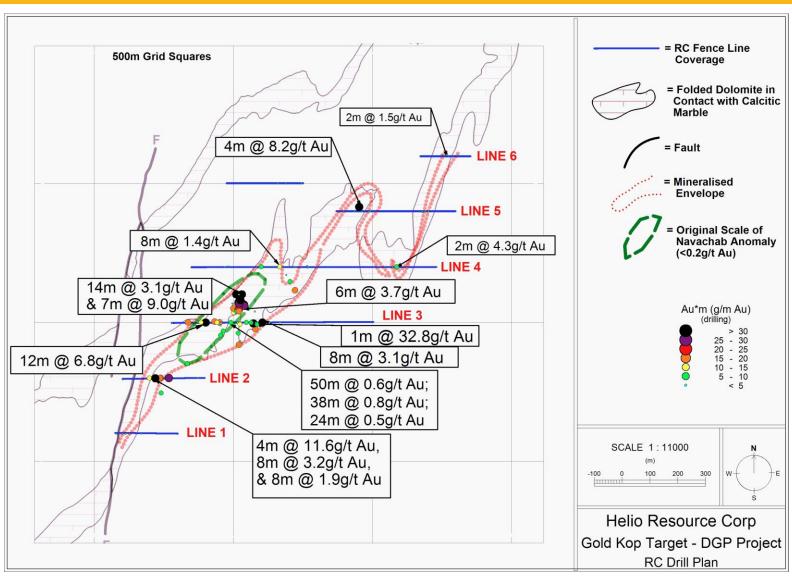


- IFC is a member of the World Bank Group that nurtures economic growth in developing countries
- IFC invested \$6.2m and \$1.7m in February 2010 and November 2011 respectively<sup>(1)</sup>
- IFC represents significant positives to Helio:
  - > IFC's track record of ongoing financial support throughout the project cycle
  - Association with a global financial organization that promotes the highest standards of operating, environmental, social and health practices
- IFC's Environmental and Social Review indicates:
  - > Environmental, health, safety and social impact of Helio's operations is limited

(1) IFC currently holds 16,500,000 common shares representing 7.6% of the issued and outstanding common shares of Helio

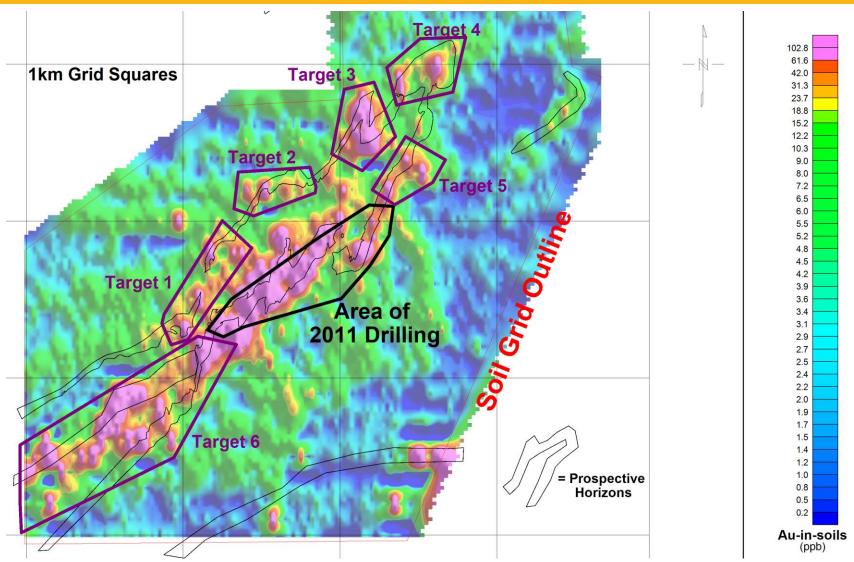
# NAMIBIA - GOLD KOP (DGP) DRILL PLAN





# NAMIBIA – GOLD KOP SOIL SAMPLING





# NAMIBIA – GOLD KOP IP SURVEYS



