



Solo Oil plc

Acquires 10% interest in Helium One



Highlights

- **Helium One** is an independent specialist explorer focused on becoming a major supplier to the global helium market
- Helium is a fast growing industrial gas with weak supply dynamics and strong price growth
- **Helium One's** Rukwa Project in **Tanzania** has independently certified most likely unrisked prospective recoverable helium volume of 98.9 bcf
- **Solo** is making an investment in **Helium One** for a consideration of £2.55 million (53% shares and 47% cash) to obtain a 10% interest in **Helium One**
- **Solo** also secures an additional 90 day option to increase its interest by a further 10%, to 20%, an investment for which **Solo** plans to seek shareholder approval
- **Solo's** investment confers a seat on the **Helium One** Board

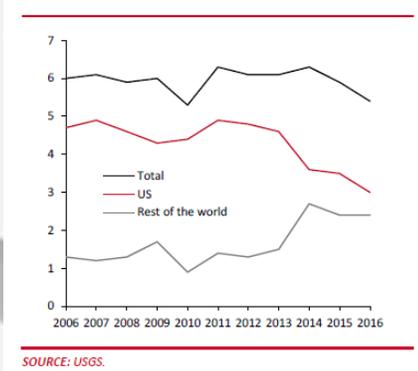
Rationale

- **Solo's** strategy is to invest in and develop a diverse global portfolio of oil and gas assets
- Existing portfolio includes interests in **Tanzania**, UK, Canada, and Nigeria
- Within **Tanzania**, **Solo** has production from the Kilwani North gas field and 25% WI in the recent Ntorya gas-condensate project onshore in the Ruvuma basin
- Investing in **Helium One** will provide further diversity to the **Solo** portfolio, while expanding the company's presence in Tanzania where Solo has a proven track record for value creation via early entry assets
- Taking a first mover advantage into the helium market positions **Solo** to capitalise on an anticipated surge in helium demand, weak supply fundamentals and consequent strong price growth

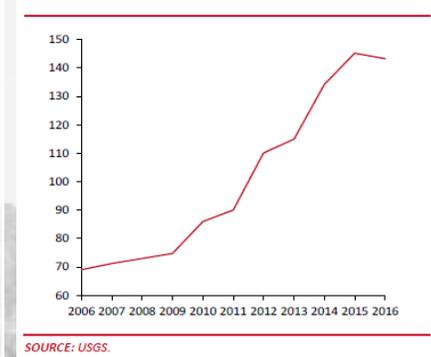
Global Helium Market

- Demand for helium has been growing at around 3% each year and demand growth is set to continue
- Current global annual consumption of 6.0 billion ft³, an industry worth in excess of US\$6 billion per annum
- The helium market now faces a major supply shortfall in the next few years
- USA is declining as one of the main exporters with sales from the Federal Reserve ceasing by 2021
- Price of this increasingly important, non-substitutable, resource has increased by over 95% in the past decade
- Average 2016 market price of US\$145/thousand ft³
- Helium is used in growth areas such as medical imaging, lifting, superconducting and electronics

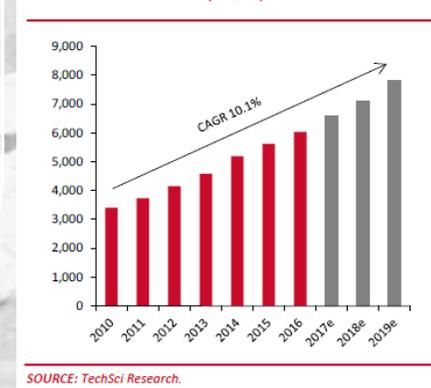
Global Helium Production (Bcf) in the last Decade



Estimated Bulk Liquid Helium Contract Price (US\$/Mcf)

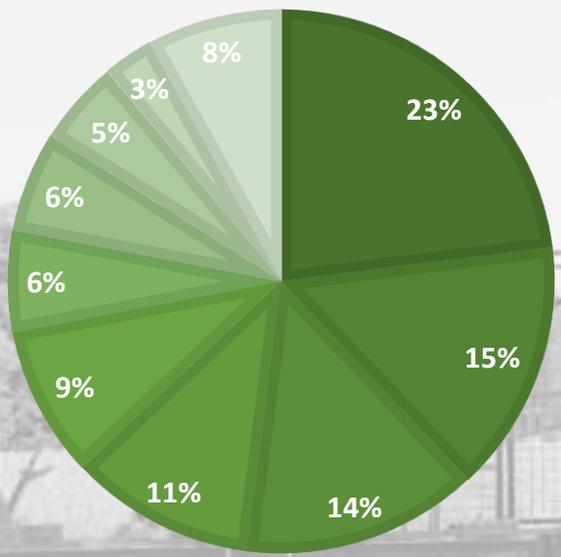


Global Helium Market (US\$m)



Supply and Demand

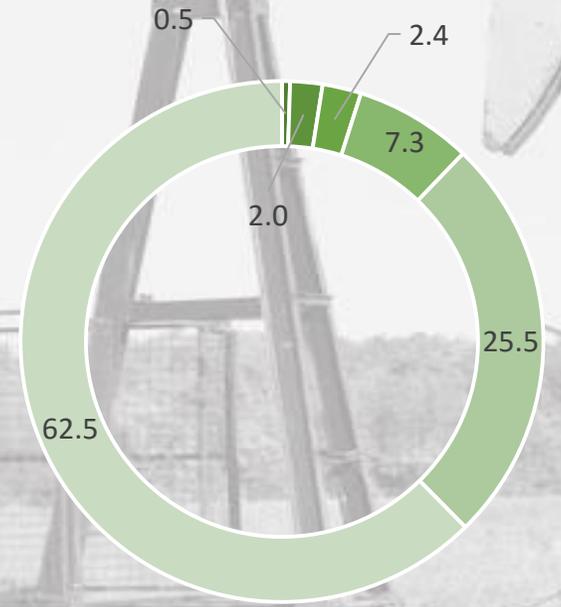
Helium use by sector:



- Cryogenics
- Lifting
- Electronics
- Optical Fiber
- Welding
- Leak Detection
- Analytical
- Purging
- Diving
- Other

Source: TechSci Research

Helium production by country:



- Poland
- Australia
- Russia
- Algeria
- Qatar
- US

Source: TechSci Research

About Helium One

- An independent specialist explorer focussed on developing its globally significant assets in **Tanzania** and is the first mover in a new helium province
- Assets have the potential to significantly increase the world's helium inventory
- Uniquely high grade and high volume assets have the potential to create a new global player in an important market with approaching supply shortage
- Possesses experienced management team, with extensive global resources experience

Neil Herbert

Executive Chairman: until 2013 Managing Director and Executive Chairman of Polo Resources Ltd. Prior to this he was finance director of Galahad Gold PLC

Tom Abraham-Jones

CEO: starting at Rio Tinto, Thomas has over 10 years experience in the mineral resource industry and operated across five continents

Josh Bluett

Technical Director: is an experienced geologist within the petroleum and base metal sectors

Charlie Wood

Executive Director: Charlie has over 15 years of senior corporate finance experience. Currently director of Mayan Energy & MD of boutique investment Ainslie Capital Ltd

Jeff Clarke

Executive Director: Jeff's experience includes over 40 years working in the oil and gas sector. He is a former Senior VP of Country Operations and General Manager for Ophir Energy PLC

Jonathan Taylor

Non-Executive Director: Jonathan's career includes founding executive director of Ophir Energy PLC, in addition to positions at Fusion Oil and Gas PLC and Clyde Petroleum PLC

Solo Portfolio

- **Ruvuma PSA, Tanzania:** covering 3,447 square kilometres in the south-east of Tanzania with roughly 90% onshore. Nationally significant gas-condensate discovery made at Ntorya-1 now being successfully appraised (Ntorya-2) with individual wells flowing up to 20 million cubic feet per day
- **Kiliwani North, Tanzania:** with Kiliwani North Solo has achieved it's first commercial gas production in Africa. Kiliwani North reached 30 million cubic feet per day (equivalent to more than 5,000 barrels of oil per day) in July 2016
- **Horse Hill, UK:** the company has a 10% interest in the Horse Hill Development Limited (HHDL), a special purpose company that acquired the rights to a 65% participating interest and operatorship in licence PEDL137 onshore in the UK Weald Basin. HHDL drilled and successfully tested the Horse Hill-1 well which discovered oil in the Portland Sandstones and the Kimmeridge Limestones
- **Isle of Wight, UK:** Solo holds a 30% interest in the 200km² onshore Isle of Wight PEDL 331 license that contains the discovered, but undeveloped Arreton Field
- **Reef Resources, Canada:** Solo holds a 28.56% interest in 23,500 acres of petroleum leases in southern Ontario which contain a number of Ordovician reefal structures which contain variously gas and condensate. Production from the Ausable Field was achieved in 2011
- **Burj Africa, Nigeria:** the company has a 20% interest in Burj Petroleum Africa Ltd, a company set up to obtain undeveloped oil fields in the Nigerian Delta



Find out more about **Helium One** at:

<http://www.helium-one.com>

Find out more about **Solo Oil plc** at:

<http://www.solooil.co.uk>

