

Gas to Power in Botswana: Investor Presentation Q1 2016

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COMPETENT PERSONS STATEMENT

The gas resource estimates for the Lesedi CBM Project provided in this statement (refer slide 12) were originally released to the Market on 9 April 2015 (Announcement). Tlou confirms that it is not aware of any new information or data that materially affects the information included in the Announcement and that all of the material assumptions at technical parameters underpinning the estimates in the Announcement continue to apply and have not materially changed. The gas resource estimates are based on and fairly represents, information and supporting documentation and were determined by Dr. Bruce Alan McConachie of SRK Consulting (Australasia) Pty Ltd, in accordance with Petroleum Resource Management System guidelines. Dr. McConachie is considered to be a qualified person as defined under the ASX Listing Rule 5.42 and has given his consent to the use of the resource figures in the form and context in which they appear in this Presentation.

OVERVIEW

Delivering gas-to-power via CBM in a market with huge demand

- Huge market chronic energy shortage locally & regionally
- High power price replace expensive imported power and diesel generation
- De-risked project, est. 2009, the most advanced CBM project in Botswana
- 8,300km² licence area, contingent resources in place
- First gas flared in 2014, reserves expected 2016
- 10MW pilot plant planned, offtake negotiations on-going
- Experienced team including pioneers of CBM in Queensland, Australia

MARKET	ASX / AIM
EPIC	TOU/ TLOU
SHARES IN ISSUE	206M
MARKET CAP	GBP - £9.51M AUD - \$14.39M
NOMAD	GRANT THORNTON
JOINT BROKERS	BRANDON HILL CAPITAL OPTIVA SECURITIES LIMITED

VISION & STRATEGY

Long term vision to build a mid-tier energy provider in Southern Africa

- Current focus Lesedi Gas to Power pilot project
- Develop a 10MW pilot plant
- Upscale pilot to ~50MW
- Supply Orapa 90MW power station
- 300MW greenfield plant
- Export power



Pilot Project 10-50MW

Sustained Gas, Certified reserves

2016

PRODUCTION TESTING

Complete Complete Q1 2016 Q2 2016 **In Progress Optimum** Well Well Sustained Commence gas flow and preparation **Flow tests** response gas reserves Drop well pressure Stabilise water level Stabilise wells Measure water influx •Increase gas flow •Calibrate equipment Monitor water Monitor lateral well Establish sustained •Determine optimum flow rate gas flow Check water and •Flare initial gas Build gas flow Monitor well and pressure levels adjust as necessary Initial reserves certification



10MW PILOT PROJECT TIMETABLE

Plan to deliver first gas to market via a 10MW pilot project

H1 2016 H2 2016 H1 2017 H2 2017

Gas Flows

PPA (10-50 MW pilot project)

Initial Reserve Certification

EIA Approval: Upstream



Mining Licence

EIA Preparation: Mid/Downstream

Feasibility Study

Additional PPA's (ongoing task)

Seismic Surveys: Lesedi & Mamba



Core-holes – post seismic results

Field Development: long lead items

EIA approval: Mid/Downstream



Field Development operations

Pipeline / Transmission line installation

Generator installation

Project pre-commissioning

10 MW PILOT PROJECT - KEY STEPS



STRONG TRACK RECORD

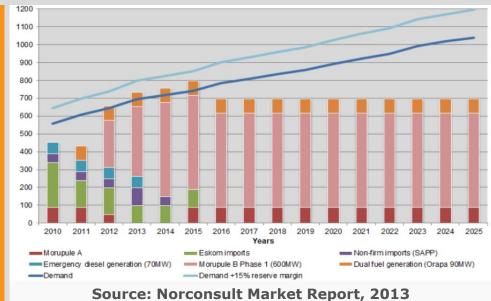
Led by an experienced team including a pioneer of CBM in Queensland

Anthony (Tony) Gilby	 Geologist with >30 years industry experience Co-founder of a number of CBM companies including Sunshine Gas Previous technical roles for ESSO & Exxon 	
MD & CEO	 Took Sunshine Gas from small CBM explorer to certified 3P gas reserves >1,000PJ' Led takeover of Sunshine Gas by QGC (BG) in 2008 for A\$1.1bn 	
Gabaake Gabaake	 Geologist and former Botswana Permanent Secretary, Minerals Energy & Water Strong government and industry relationships 	
Executive Director	 Past director of a number of international resource companies including Debswana, De Beers and DTC 	
Martin McIver	 14+ years experience in finance and mining services Formerly with PwC Current General Manager – Services of the Workpac group 	
Chairman		
Colm Cloonan	 Accountant (FCCA) with over 17 years' experience Worked in various industries including power generation in Australia 	

BOTSWANA'S POWER DYNAMIC

As Botswana's reliance on non-firm imports and on-going diesel generation increases, the support for domestic sources of energy is strong

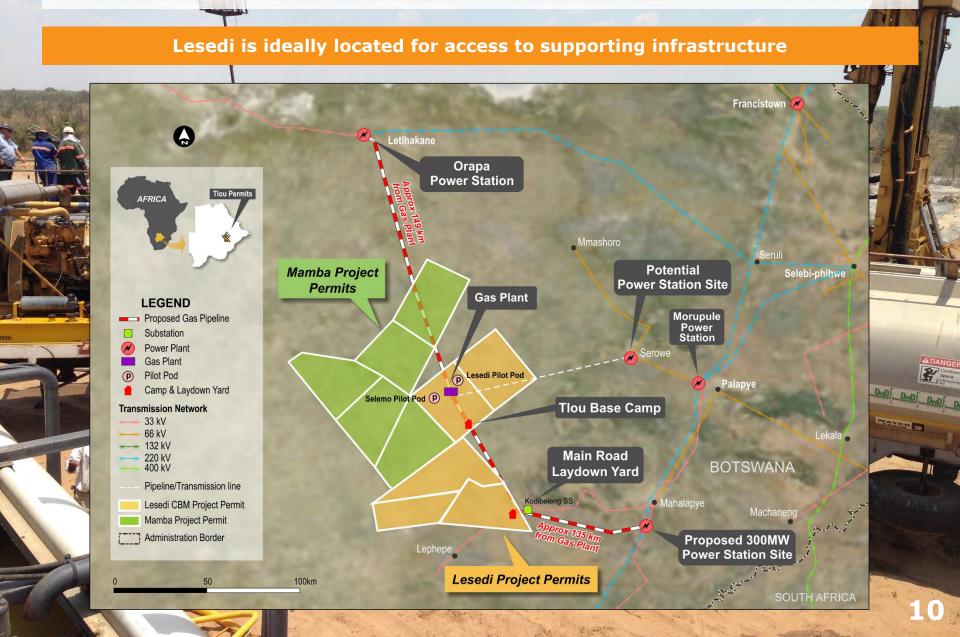
- 68% increase in power demand to 1,030MW by 2022
- Botswana's 'Morupule B' power station
 - Currently operating at reduced capacity
 - Requires remediation
 - Significant local market
- Per capita consumption in 2011
 - Botswana 1,603kWh
 - South Africa 4,606kWh
 - Potential lucrative export market



The Government is highly supportive of new energy projects.

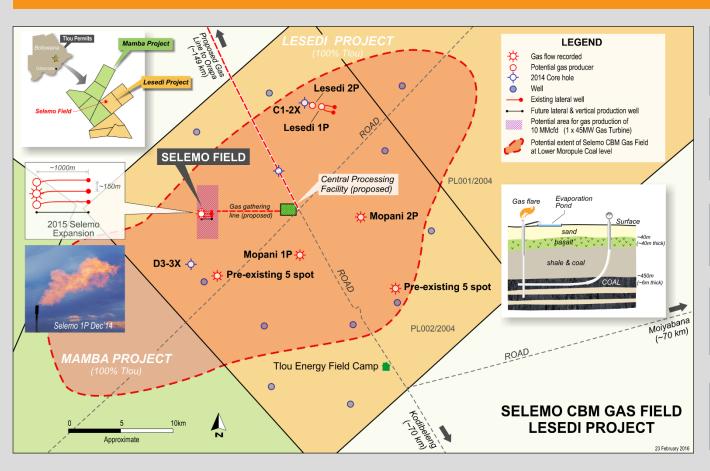
The current energy crisis is a major impediment to Botswana's economic growth plans.

GAS TO POWER PLANS IN BOTSWANA



OVERVIEW OF LESEDI

Large licence area, significantly de-risked, Tlou operating since 2009



Most advanced CBM project in Botswana

A\$43million invested to date

First gas flared December 2014

Gas flow testing in progress

Multiple market opportunities exist

LESEDI IN NUMBERS

Certified Resource Statement					
Category	OGIP ⁽¹⁾ (BCF)	Unrisked Gross (100 Percent) (BCF)	Unrisked Net (100 Percent) (BCF)		
Contingent Resources (SRK, 2015)					
Low Estimate (1C)	7.6	4.9	4.9		
Best Estimate (2C)	367.8	239.1	239.1		
High Estimate (3C)	5,347.5	3,295.5	3,295.5		
Prospective Resources ⁽²⁾ (NSAI, 2012)					
Low Estimate	2,459.5	644.1	644.1		
Best Estimate	7,653.1	3,239.0	3,239.0		
High Estimate	14,326.8	8,596.1	8,596.1		

- 1) OGIP = Original gas in place.
- (2) The estimated quantities of petroleum that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration appraisal and evaluation is required to determine the existence of a significant quantity of potentially moveable hydrocarbons.

Source: SRK Consulting CPR, 2015

Certified Contingent Resource

4.9 239 3,295 BCF BCF BCF (1C) (2C) (3C)

Technical Fundamentals			
Coal depth	~260-764m		
Cumulative net coal thickness (Average)	24m		
Gas contents (Average)	4-6 m ³ /t (DAF)		
Unstimulated reservoir permeability per DST	~2-5mD		
Gas compositions	80-95% methane		

PROPOSED MARKET OPPORTUNITIES

Multiple market opportunities – significant demand for Tlou's product endorses strategy to scale Lesedi following successful commissioning of 10MW pilot plant

SIS	TEN.	Pro	(79)
Phase	Market	Opportunity	Strategy
1	Pipeline or Transmission lines	 Grid-connected power supply, initially to 10MW and scalable as gas production increases 	 Complete production testing and expand Selemo pilot sufficient to supply initial 10MW
2	Pipeline	 Supply Orapa Power Station Replace expensive diesel generation with cleaner CBM 	 Existing Orapa Power Station has 2 x 45MW diesel fired generators Fuel cost estimated by Norconsult in 2013 of US\$0.40/kWh
3	Power Station	 New gas-fired generation opportunities (300 MW IPP Project) 	 Supply growth in Botswana and regional markets



Most advanced gas project in Botswana

Huge regional demand for power

Premium power price

Low cost environment

Multiple market opportunities

Experienced team

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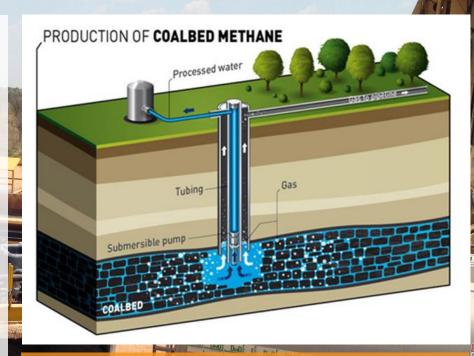


APPENDIX



COAL BED METHANE (CBM)

- Chemically identical to other sources of gas but is produced by non-conventional methods
- Extracted from coal seams rather than sandstone reservoirs
- Main component from natural gas is methane
- Typically found at depths of 400m
 1,000m enabling lower drilling costs per well in comparison to conventional gas wells
- Emerging markets, notably India
 & Africa are now looking to unlock the potential of CBM due to cost advantages & energy crisis



CBM Production Process

Drill into & then along coal seams Initially releasing water & then natural gas Gas collected at the surface – processed & used for generation, LNG etc.

THE GLOBAL CBM INDUSTRY



OPERATING IN BOTSWANA

Major power deficiency in the region

High energy prices

Stable jurisdiction

Supportive government

Attractive operating and regulatory regime

Extensive coal resources

Large mining industry to power



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