## Rubicon in Mozambique Servicing an Awakening Resources Giant





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## **Corporate Structure**

### **Directors**

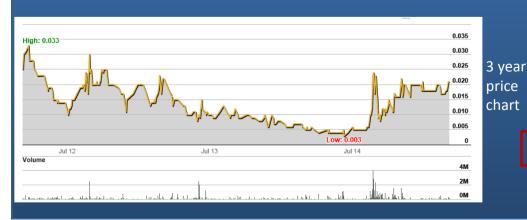
- ✓ Ian Macpherson (Executive Chairman) Chartered Accountant.
- ✓ Peter Eaton (Non-Executive Director) Geologist.
- ✓ Ian Buchhorn (Non-Executive Director) Geologist.

### Management

- ✓ Richard Carcenac (CEO Nominee) Civil Engineer (Ex BHP) with extensive mining management experience in Australia and Southern Africa.
- ✓ **Andrew Ford** (Chief Operating Officer) Exploration & mining geologist with 26 years experience.
- ✓ Sam Middlemas (CFO & Company Secretary).

### **In-Country Advisor**

✓ Athol Emerton — (Major Shareholder and PacMoz Director) - 30 Years in maritime and transport logistics industries in Southern Africa. Specialist in terminal development and operations.



### **Top Ten Shareholders**

Shareholder	Listed Ordinary Shares	
Snarenoider		Percentage Quoted
A EMERTON	27,500,000	11.08%
HSBC CUSTODY NOM	27,238,000	10.97%
COLIN IKIN	21,000,000	8.46%
FATS / MACPHERSON	17,542,389	7.06%
KURANA / BUCHHORN	14,859,777	5.98%
R CARCENAC	5,000,000	2.01%
CVRD AUST EA PL	4,000,000	1.61%
ADAPTIVE MGNT PL	4,000,000	1.61%
PRINCE RAYMOND JOHN R J PRINCE RETIRE	3,700,000	1.49%
R S MIDDLEMAS & ASSOCIATES	3,256,368 <b>128,096,534</b>	1.31% <b>51.59%</b>
Issued shares	248,304,498	
Performance Shares Subject to Milestones	60,000,000	
*Issued Shares including Performance Shares	308,304,498	



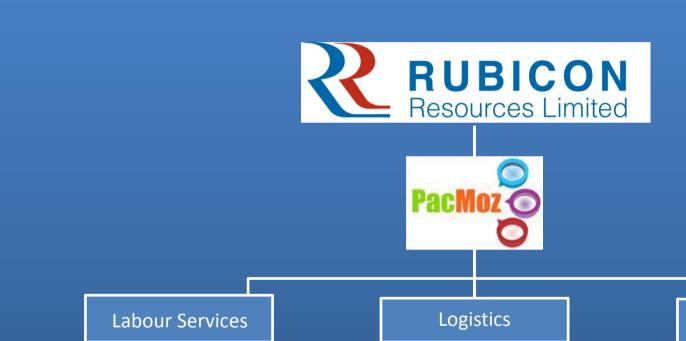
### Rubicon Mozambique

## "Development of a fully integrated service provider to the mining, energy and construction sectors"

- Acquisition of established profitable business registration, licencing and administration company, PacMoz – complete\*.
  - \*60% purchased option to purchase balance 40%
- PacMoz to provide ongoing and growing services to entities in Mozambique's burgeoning resource sector, including:
  - Logistical support;
  - Training;
  - Medical screening of Mozambican nationals;
  - Camp accommodation.
- PacMoz to partner with global labour group to provide the full range of support services for expatriate specialists.
- PacMoz to assess resource asset acquisition and investment opportunities.



### Rubicon's Structure



- Labour Services JV with a global leader in the industry;
- Permitting, visas & registrations;
- Medical centre;
- Training centre.

Three companies focused on the provision of logistical services to the resources industry in

### Mozambique:

- Logistics consulting;
- Aviation;
- Marine launch operations.

### **Project Generation**

- Asset acquisition & investment;
- Capital growth.



## Mozambique: A Snapshot

- Since the end of the civil war in 1992
  Mozambique has been growing rapidly amid sustained political stability.
- Population of c.24 million. (50% under the age of 17).
- GDP growth >7% for the past decade & latest IMF report forecasts this to continue out to 2019<sup>1</sup>.
- One of the world's fastest growing economies & fastest in sub-Saharan Africa<sup>1</sup>.
- Inflation was at 4.2% in 2013, down from above 10% in 2010/11.
- New discoveries of gas are world class.
- Major investment underway to allow exploitation of resources.





# Mozambique: The Right Place at the Right Time Major Growth Industries



Construction



Mining



LNG

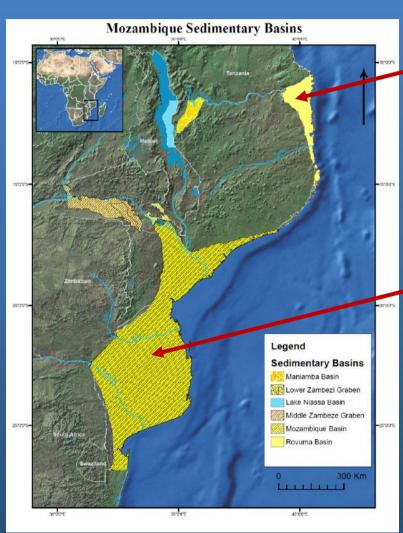


## Mozambique: The right place at the right time

- Extreme shortage of skilled tradesmen and labourers due to limited recent major infrastructure investment following civil war (1975-1992).
- PacMoz will provide services to the logistics and rapidly growing resources industry (graphite, mineral sands).
- Successful design and construction of LNG infrastructure to meet timelines requires massive investment in recruitment and training (up to 50,000 people).
- PacMoz will look to provide basic employment training to Mozambique nationals for the LNG developments and other projects.
- Labour Hire JV will be strategically placed to provide the full range of support services for expatriate specialists.
- Proposed dual listing to ensure local content status & increase opportunities.



## Mozambique: A developing LNG Giant



Source: INP

#### Rovuma Basin:

- 29,500km<sup>2</sup>;
- 17,000km<sup>2</sup> onshore;
- 12,500km<sup>2</sup> offshore;
- About 10 offshore discoveries;
- 15 new licences available\*.

\*PacMoz assessing

### Mozambique Basin:

- 500,000km<sup>2</sup>;
- 275,000km<sup>2</sup> onshore;
- 225,000km<sup>2</sup> offshore;
- Gas first discovered in 1961;
- Small quantities compared to Rovuma Basin.

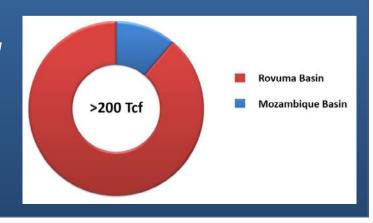


## Mozambique: A developing LNG Giant

- Special Regime established by Government to attract investment in development areas.
- Anadarko (USA) and ENI (Italy) are developing the most advanced blocks in the Royuma Basin.
- \$30 billion planned to be invested to build capacity to produce 20 million tonnes per year of LNG (ENH, Mozambique's state oil company 21 August 2014).
- Production is planned to be 22% larger than the \$54bn Gorgon project (Chevron) in northwest WA.
- Initial exports due from 2020.

Potential for over 200 tcf of gas estimated

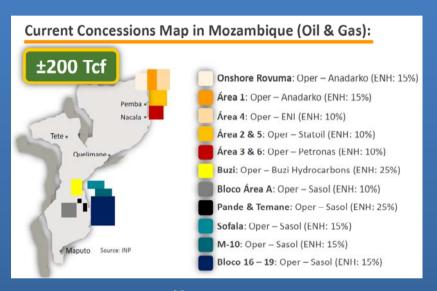
(Government of Mozambique).





## Mozambique: A developing LNG Giant

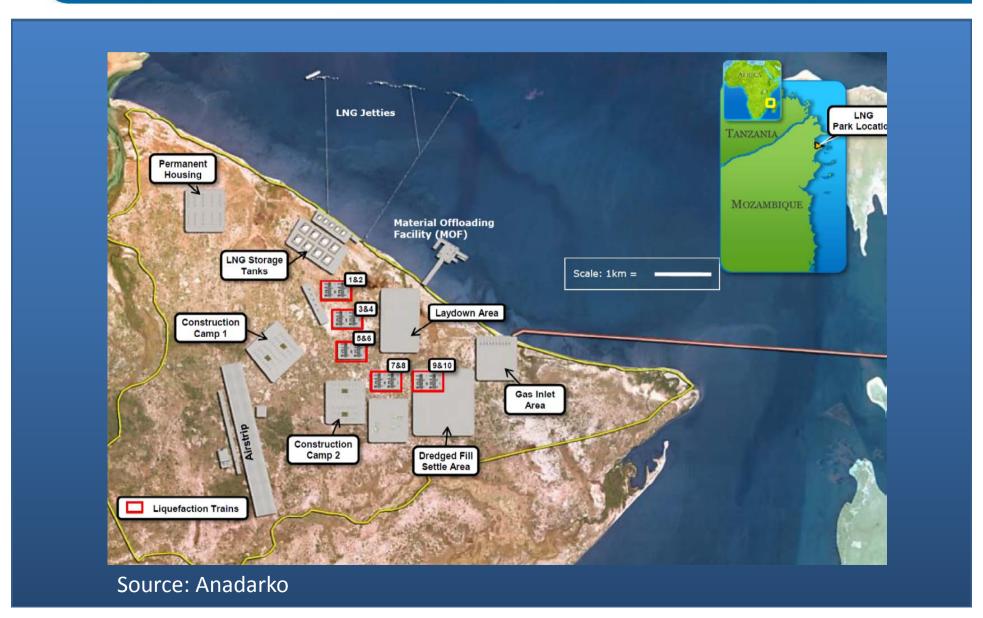
- Anadarko has already discovered 50-70 TCF of recoverable resources:
  - \$4 billion already invested in the project;
  - Up to 1,500 Mozambicans working on the project;
  - Presence in 4 locations in the country;
  - Reserves support an initial phase development of 10 Mtpa – 2 trains;
  - Possible production in 2020;
  - Potential to expand to 50 Mtpa;
  - Onshore facility planned at Afungi.



- ENI has 85 TCF of recoverable resources, potentially more:
  - Multi-hub development plan, including onshore and floating LNG;
  - Initial phase 2.5 Mtpa FLNG. Possible first gas in 2019;
  - Onshore investment initially touted as 10 Mtpa with first gas in 2020;
  - Further gas monetization options include GTL and CNG to drive economic growth in Mozambique.

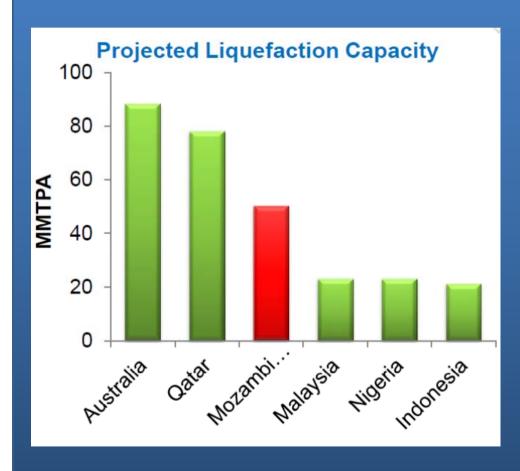


## Afungi - Conceptual LNG Park Layout





### Mozambique: The Size of the Prize



- Mozambique could become the world's third largest producer of LNG;
- Typically requires 5,000 people to build a single train;
- About 700,000 new jobs created in next 10-15 years;
- Significant skills gap;
- 6 LNG trains would boost GDP by about 50% over forecast.

Source: Anadarko



## Industry Revenue Streams - Expat Labour

- A single stick-built LNG train requires at least 5,000 people, of which expats will comprise at least 10%;
- Typical salary is US\$300,000 pa;
- Typical margin for payrolling is 10%, but probably higher in Mozambique,
  i.e. at least \$30,000 plus expenses;
- Revenue available for labour management companies, for one LNG train, is therefore at least \$15 million pa for expats alone, excluding:
  - All expenses (travel, accommodation, food) at another 5% margin;
  - Visas, permits, etc;
  - Multiples for additional LNG trains;
  - All labour required for front-end work, i.e. building infrastructure, establishing support services and companies, etc.

Expat-related revenues for construction of a single LNG train should exceed \$15 million annually.



### Industry Revenue Streams - Local Labour

- Current legislation requires the employment of 19 locals for every expat;
- Very low literacy and skill level amongst locals in Northern Mozambique;
- Locals will need to be medically screened, trained, and (to a large extent)
  accommodated while working;
- Expat margin model not applicable in the case of locals;
- Revenue will be earned by labour management companies on local labour, in the following manner:
  - Charge out at fixed daily rate with a \$20/day margin;
  - Rate includes ensuring medical fitness, correct attire and appropriate training;
  - Accommodation and food will be extra.

Mozambican local labour revenues, after costs, for construction of a single LNG train should exceed \$20 million annually.



## Summary

- Mozambique is the growth story of Africa with world class discoveries of natural gas and minerals.
- The acquisition by Rubicon of PacMoz, with its already strong business network in Mozambique, will significantly bolster Rubicon's ability to identify & secure any attractive resource projects in the region in the future.
- PacMoz/Mozambique = transformational opportunity for Rubicon.





## The End

