



# Corporate Presentation

## August 2016

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Strictly Private & Confidential

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## ***TomCo – In Brief***

**TomCo is an AIM listed oil shale company (AIM:TOM.L - market capitalisation £2.38million\*)**

- TomCo's major asset is the Holliday Block lease in Uintah County, Utah (100%). It has a JORC Measured Resource of 126 million barrels of oil in oil shale. Fully permitted for mining for the next two years and can be extended
- Tomco also owns 3,333.33 A shares (0.43%) of unlisted, Utah-based Red Leaf Resources (RLR) which it acquired for \$5million in April 2012
- The Company has a \$2million technology licence agreement with RLR to use its EcoShale® In-Capsule® Process in Utah
- TomCo is diversifying into palm oil processing in West Africa to generate positive cash flows due to delays over RLR's Early Production System Capsule and its development timetable

*\* correct as at 17:30 Hrs 16<sup>th</sup> August 2016*

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## ***TomCo – Board of Directors***

### **Andrew Jones – Chairman**

- Andrew has over 10 years' experience in capital markets and corporate finance as well as specialist experience in Technology & Media

### **Christopher Brown – Chief Executive Officer**

- Chris is the Founder and Managing Director of London Mining plc, which sold a Brazilian iron ore mine for \$810 million in 2008. He is indirectly associated with Kenglo One Ltd, a major investor in TomCo since 2010 with 23.8%. He has over 30 years experience in resources and business

### **Simon Corney – Non-Executive Director**

- Simon has over 25 years of experience in M&A, private equity and asset management, as well as specialist experience in oil and gas.

## *TomCo – Over £300K of Cost Savings in Last 18 Months*

Item	18 Months ago (pa)	July 2016 (pa)	Cost Saving (pa)
Chairman	£63,500	£30,000	£33,500
CEO	£125,000	£40,000	£85,000
Finance Director	£103,500	£0	£103,500
Non-Executive Director	£0	£30,000	-£30,000
Company Secretary & Financial Controller	£93,150	£15,000	£78,150
Advisor's Annual Fees	£65,000	£40,000	£25,000
Storage	£7,200	£0	£7,200
<b>TOTAL</b>	<b>£457,350</b>	<b>£155,000</b>	<b>£302,350</b>

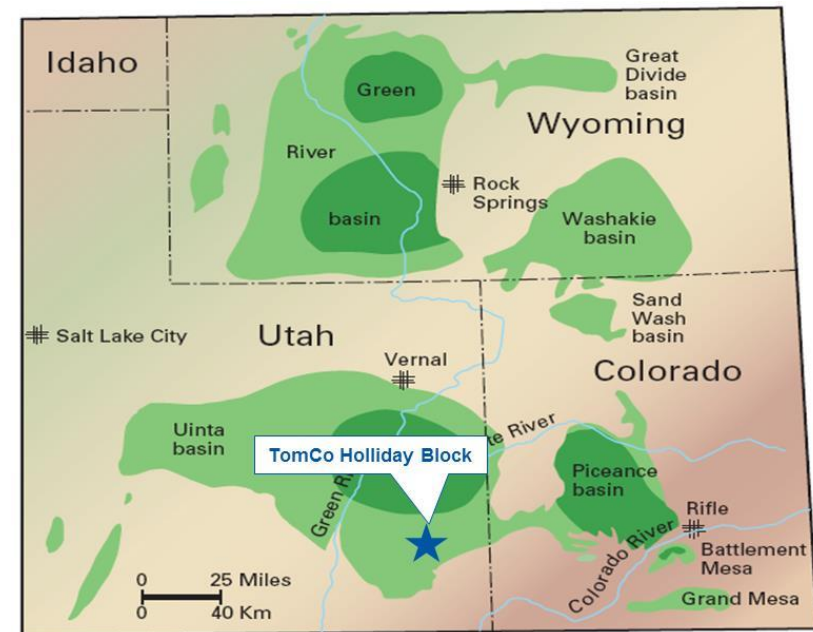
Cash in hand at 30 June 2016 = £165,463

## Kerogen Oil Shale

- Kerogen oil shale deposits are fine grained sedimentary rocks, rich in organic matter (kerogen) which is formed by decaying organic material by heat & pressure in environment similar to conventional oil
- It is different from shale oil (requires retorting rather than fracking), oil sands (smaller grain size) and coal (contains 60-90% inert matter rather than <40%)
- The largest deposits of kerogen oil shale in the world occur in the United States, in the Green River Formation, which covers portions of Colorado, Utah, and Wyoming
- TomCo's Holliday Block Project is in Utah



Kerogen (Oil) Shale

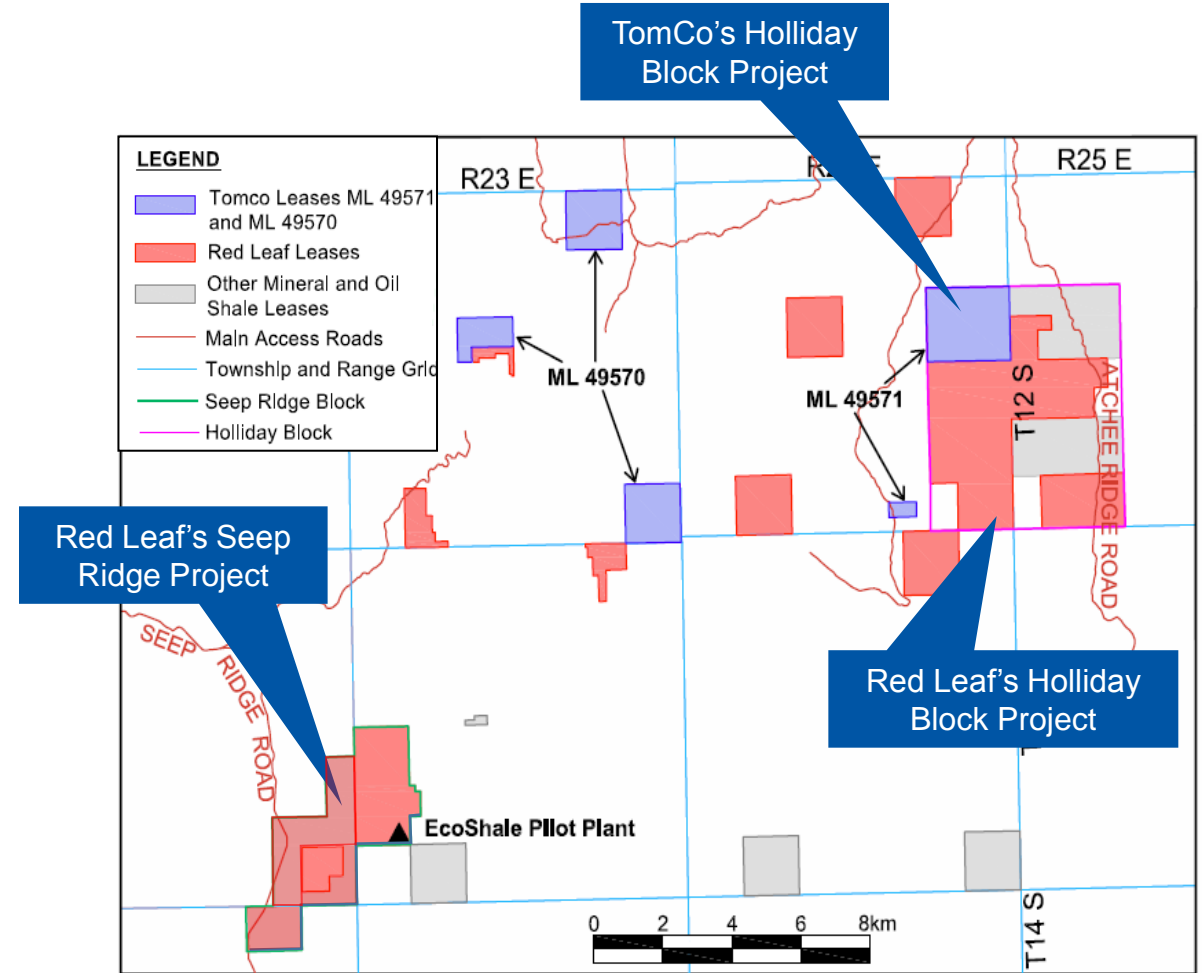




# TomCo's Location With Respect to RedLeaf's Leases

## Strategic Location

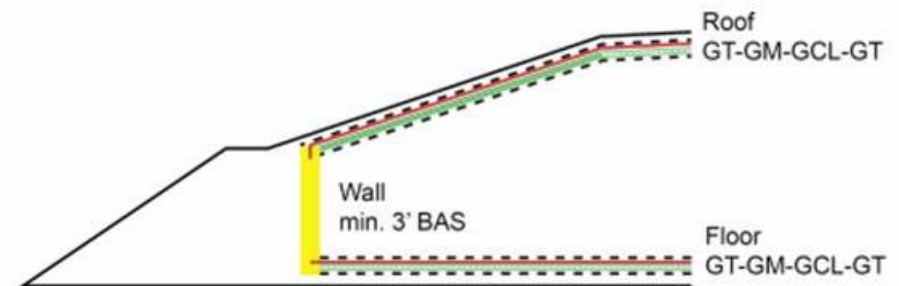
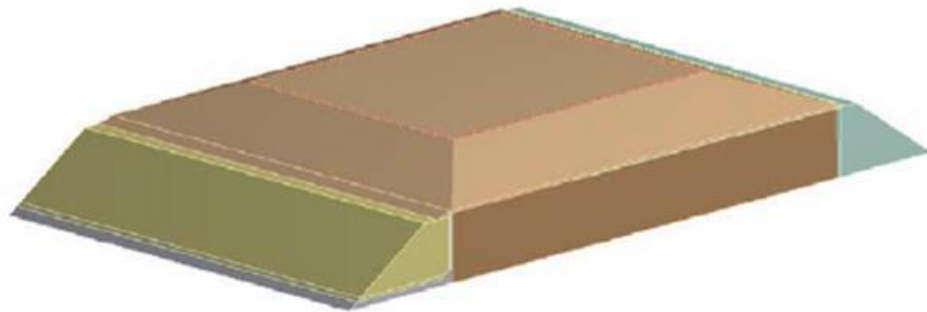
- TomCo has 2,919 acres of State Mining Leases in Uintah County, Utah
- TomCo's Holliday Block Lease covers 1,186 acres, contains a Measured JORC Resource of 126 million barrels of oil, and is strategically located adjacent to RLR's Holliday Block Project and about 20km NW of RLR's Seep Ridge Project and Pilot Plant
- TomCo owns deeper kerogen oil shale leases outside the Holliday Block that contains an Inferred JORC Resource of 12 million barrels of oil





## RedLeaf EcoShale<sup>®</sup> In-Capsule<sup>®</sup> Design

- RedLeaf's EcoShale<sup>®</sup> process has evolved over time and now involves direct heating of shale rubble in a totally enclosed environment
- The capsules will consist of a bed of oil shale rubble, surrounded by an insulating layer of shale gravel, completely enclosed within an impermeable barrier layer of geosynthetic liners and Bentonite Amended Soil (BAS)
- Direct heating was chosen over indirect heating because it is lower in cost, and it has the ability to perform heat recovery inside the capsule, which improves the energy efficiency of the technology and reduces the overall CO<sub>2</sub> footprint



GT= Geotextile, GM = Geomembrane, GCL = Geosynthetic Clay Layer

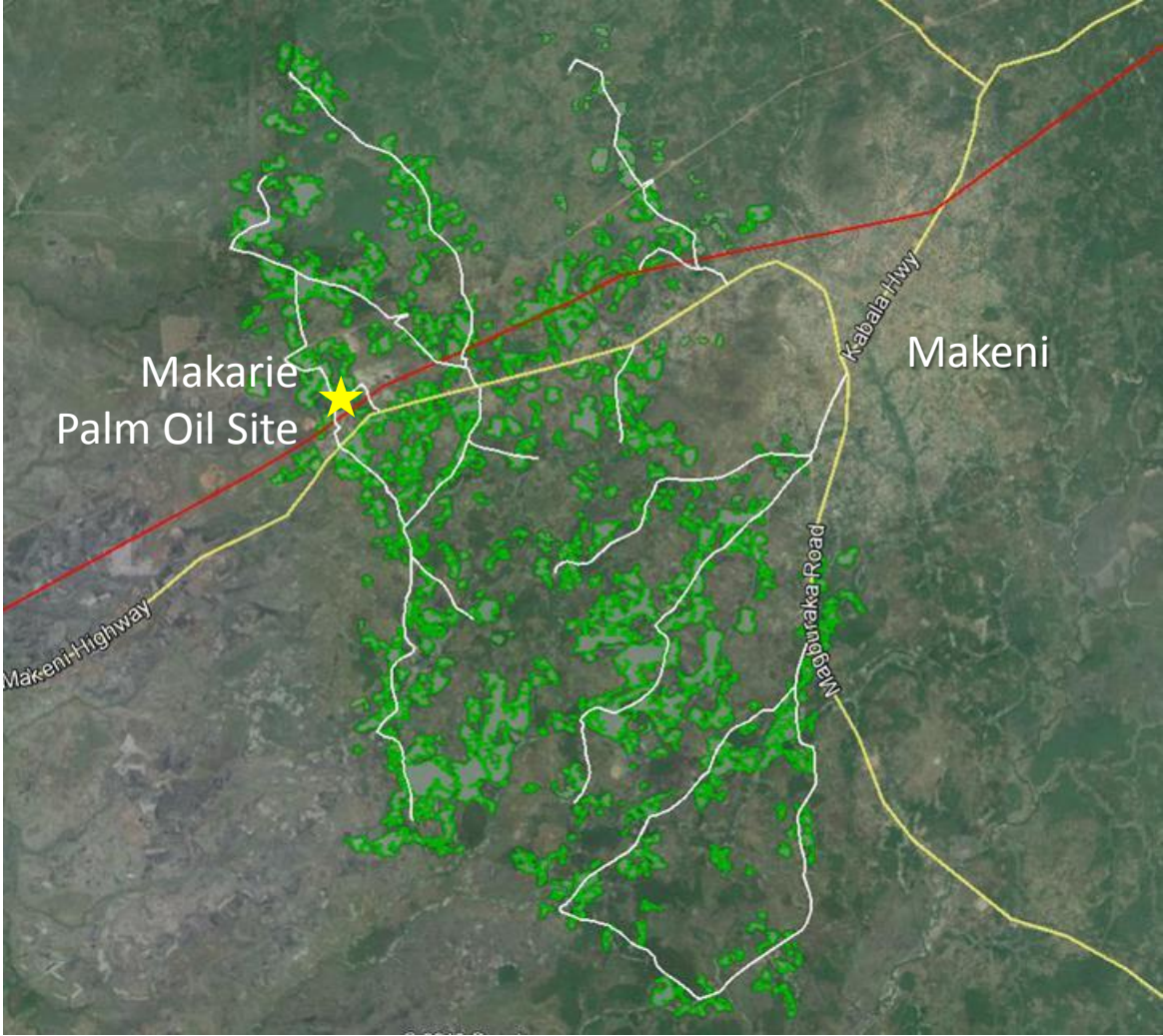
## ***RedLeaf Ecoshale<sup>®</sup> In-Capsule<sup>®</sup> Design***

- RedLeaf's current priority is to demonstrate the capsule technology through the successful completion of the Early Production System ("EPS")
- RedLeaf recently completed a pre-FEED (preliminary front end engineering design) commercial study for the EcoShale Technology on its Seep Ridge lease in Utah for a 30,000 barrels per day production facility
- Based on the initial results, RedLeaf is now conducting an EPS basis of design engineering study for an EPS capsule. This study that should be completed in the Autumn 2016 then move to an engineering phase
- The full report from RedLeaf has not been finalised or released yet
- RedLeaf's joint venture partner and shareholder, TOTAL E&P USA Oil Shale, LLC ("TOTAL"), has advised RedLeaf that it is not prepared to move forward with an EPS. Discussions between both companies continue

## *In the Meantime, TomCo is Diversifying into Palm Oil*

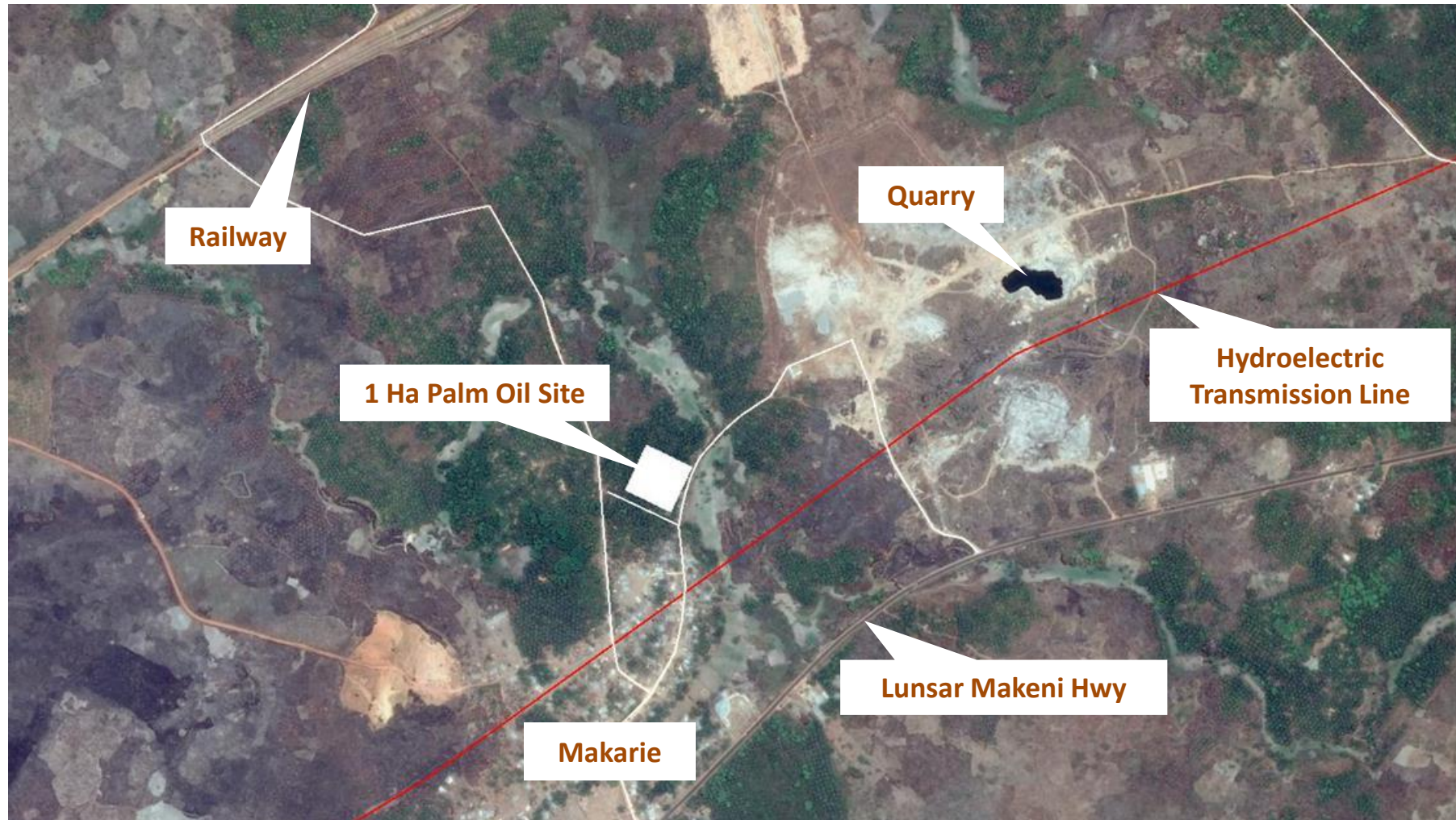
- Why? TomCo needs to generate cash flows and we have identified a low cost opportunity to get into palm oil processing in West Africa using our established relationships
- There is strong support for a palm oil processing facility near Makeni in Sierra Leone from oil palm plantation farmers, the local chiefdoms and the Government of Sierra Leone
- There are a large number of oil palm plantations near Makarie, 10km west of Makeni, with farmers keen to sell their Fresh Fruit Bunches (FFB)
- The Bumbuna Hydroelectric Transmission line runs through Makarie, providing cheaper power
- The initial 1 tonne per hour (tph) FFB palm oil processing plant will cost less than \$0.5m, may be part-funded with debt, and should take less than 7 months to construct
- Tax concessions include 0% duty on Imports for 5 years and 0% corporate tax for 10 years
- The processing plant is scalable up to 2tph once the economics have been proven

# 1,845Ha of Oil Palm Farms and Infrastructure Near Makeni





## ***Palm Oil Site Near Makarie***



## ***Work Already Conducted on Makarie Palm Oil Project***

- Visited 11 villages near Makarie and ascertained support to sell FFB
- Village Chief of Makarie, Abdulai Conteh, provided land for free to build a plant next to Makarie
- Negotiated prices to buy FFB from farmers
- Engaged palm oil consultant Stuart Honeysett from Astratec Africa Ltd to conduct feasibility study on palm oil plant and markets, as well as trip to India to finalise design and costs for palm oil plant
- Final site selected then surveyed by Land Title Surveyor and official land title granted
- Libation ceremonies completed, land brushed by villagers, and coconut and fruit trees purchased from landowners
- Main part of water well constructed before start of rainy season and bulldozing of site has commenced
- Incorporation of TomCo Palm Oil Ltd, a Sierra Leonean subsidiary company, wholly owned by TomCo



## *Palm Oil Site Near Makarie*

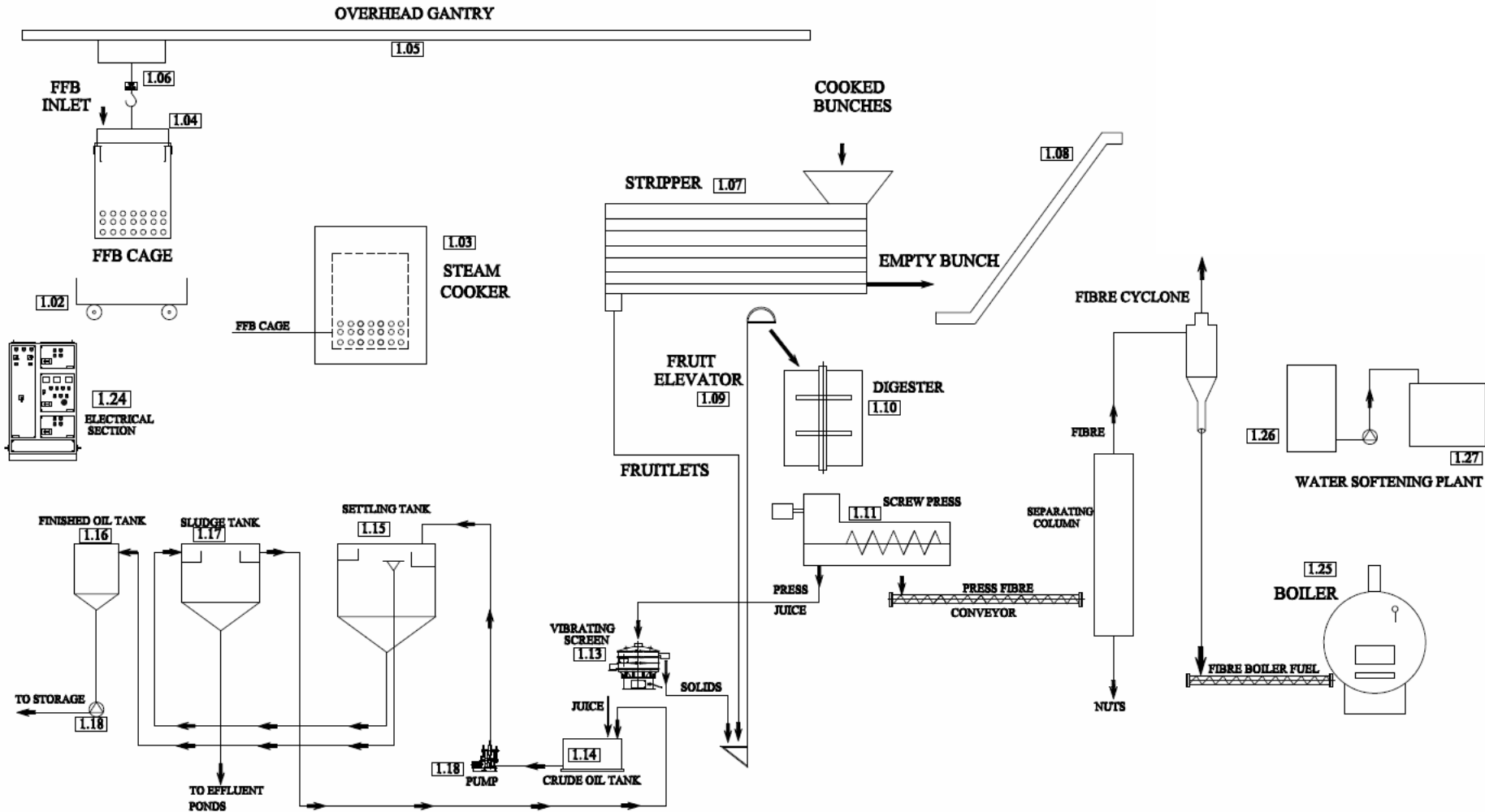




## ***Makarie Palm Oil Project***

- FFB will be bought from local farmers by truck in the local area for \$44-66/t depending on size
- The FFB will conservatively have about 17-17.7% palm oil recovery
- A 1tphr Crude Palm Oil (“CPO”) processing plant is expected to produce about 67-88t/month of CPO
- CPO will be priced at \$825/t in 20L containers at the factory gate
- Electricity can be supplied for the plant at around \$0.235/kW
- Cashflows can be increased by doubling the size of the CPO processing plant and adding a bottling plant and a soap plant at a later stage.

# Makarie Palm Oil Processing Plant



## *Makarie Palm Oil Project Illustrative Forecast Cash Flows*

Item	2016	2017	2018	2019
Opening Position	\$0	\$13,821	\$69,505	\$927,331
Capital Introduced	\$500,000	\$150,000	\$150,000	\$0
Revenue	\$0	\$991,161	\$1,844,266	\$2,546,012
Capital Expenditure	-\$486,179	-\$541,373	-\$274,800	\$0
Operating Expenditure	\$0	-\$544,104	-\$861,640	-\$1,143,140
Closing Position	\$13,821	\$69,505	\$927,331	\$2,330,203

Source: Astratec Africa Ltd (see [www.tomcoenergy.co.uk](http://www.tomcoenergy.co.uk))

Note: Assumes no debt funding and associated interest costs.

**The projections on this slide are for illustrative purposes only, do not constitute forecasts and should not be relied upon. Levels of capital introduced, revenue, capital expenditure and operating expenditure are subject to numerous external factors (including prevailing market conditions) which may result in such projections not being met.**

# Makarie Palm Oil Mill (POM) Project Timetable

	2016					2017												2018												2019											
	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D
<b>1TPH PALM OIL MILL</b>																																									
POM 1 tph Manufacture	■																																								
Shipments	■																																								
Site Civil Works	■																																								
Installation 1tph POM	■					■																																			
POM Production at 1 tph						■																																			
<b>2TPH PALM OIL MILL</b>																																									
POM UG 2 tph Manufacture																																									
Shipment																																									
Installation 2tph POM																																									
POM Production at 2 tph	■																																								
<b>CPO PACKAGING PLANT</b>																																									
CPO Packaging Manufacture																																									
CPO Packaging Shipment																																									
CPO Packaging Installation																																									
CPO Packaging Production at 1tph	■																																								
CPO Packaging Production at 2 tph	■																																								
<b>SOAP PLANT</b>																																									
Soap Plant Manufacture																																									
Soap Plant Shipment																																									
Soap Plant Installation																																									
Soap Plant Production at 1tph	■																																								
Soap Plant Production at 2tph	■																																								

## ***Makarie Palm Oil Project Capital Costs***

<b>Item</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Palm Oil Mill 1 TPH	\$346,509			
Palm Oil Mill 1-2 TPH UG		\$215,376		
Site Civil Works Phase 1	\$119,670			
Site Civil Works Phase 2		\$120,197		
CPO Packaging Plant 2TPD		\$145,800		
Soap Plant 2 TPD			\$274,800	
Trucks	\$20,000	\$60,000		
<b>TOTAL CAPITAL COSTS</b>	<b>\$486,179</b>	<b>\$541,373</b>	<b>\$274,800</b>	<b>\$0</b>

# Company Structure

## Current Share Structure

(Market Cap £2.38 million @ 0.115p share price - as at 17:30 Hrs 16th August 2016)

– Kenglo One Ltd	492,920,548	23.91%
– Dominic Redfern and Sarah Cook	176,416,665	8.56%
– Other Shareholders	1,392,137,700	67.53%
– <b>TOTAL</b>	<b>2,061,474,913</b>	<b>100.0%</b>



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