INVICTUS ENERGY LTD

ASX:IVZ | OTCQB:IVCTF



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COMPETENT PERSON'S STATEMENT The information in this document relating to petroleum resources and exploration results is based on information compiled by Mr Scott Macmillan. Mr Macmillan is a Reservoir Engineer and has a Bachelor of Chemical Engineering and an MSc in Petroleum Engineering from Curtin University. He is a member of the Society of Petroleum Engineers (SPE) and has over 15 years experience in the industry in exploration, field development planning, reserves and resources assessment, reservoir simulation, commercial valuations and business development. Estimated resources are unrisked and it is not certain that these resources will be commercially viable to produce.

HYDROCARBON RESOURCE ESTIMATES The Prospective Resource estimates for Invictus' SG 4571 permit presented in this report are prepared as at 26 June 2019. The estimates have been prepared by the Company in accordance with the definitions and guidelines set forth in the Petroleum Resources Management System, 2018, approved by the Society of Petroleum Engineer and have been prepared using probabilistic methods. The Prospective Resource estimates are unrisked and have not been adjusted for both an associated chance of discovery and a chance of development. The Company confirms that there have not been any material changes to the resource estimate since the release of the updated Prospective Resource Estimate on 30 June 2022. See Independent Prospective Resource Estimate on 5 July 2022 & 6 October 2022

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INVICTUS SNAPSHOT

SG 4571 + EPOs 1	848/49 ASSET OVERVIEW	CORPORATE OV	ERVIEW
	Basin master position	LISTED	2018
(\bigcirc)	with 360,000-hectare licence area	HQ	Perth WA
		МКТ САР	\$111.0m
	Multiple play types & drill ready targets with material	NET CASH (31 DEC 22)	A\$12.6m
	exploration portfolio	TICKER	ASX:IVZ
	Mukuyu prospect 20 trillion cubic feet + 845 million bbls of conventional gas- condensate ¹	ASSET LOCATION	ZIMBABWE
	5.5 billion barrels of oil equivalent across licence area ¹	3	
	Working petroleum system established by Mukuyu-1 well	SG 4571 • + EPOs 1848/49	
	Maiden drilling campaign completed	IVZ 80% & Operator	

Mukuyu is one of the largest conventional oil & gas prospects in onshore Africa, defined by high quality data set

Successful basin opening Mukuyu-1 wildcat well confirmed working hydrocarbon system with 13 gas-condensate zones interpreted from wireline logs

New basin margin play analogous to east Africa rift "String of Pearls" discoveries

Recent award of three carbon offset projects for 30 years – potential to be the first cradle to grave carbon neutral oil & gas project

Rapidly developing and supportive jurisdiction of Zimbabwe and highquality surrounding infrastructure

Multiple offtake agreements in place for up to 1.2 TCF over 20 years

Multiple downstream supply opportunities in high value markets

Highly experienced Board and Management team with track record of discoveries and development in Africa

The Prospective Resource estimates are unrisked and have not been adjusted for both an associated chance of discovery and a chance of development. The Company confirms that there have not been any material changes to the resource estimate since the release of the updated Prospective Resource Estimate on 30 June 2022. See Independent Prospective Resource Estimate on 5 July 2022 & 6 October 2022.

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BOARD & MANAGEMENT

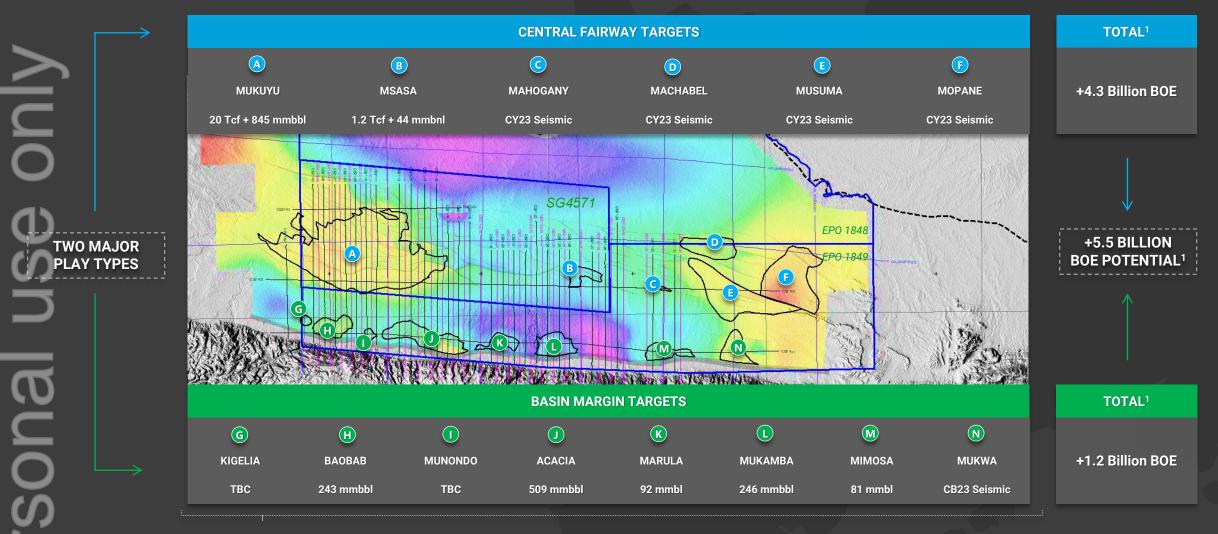
Board additions to deliver expertise from successful African E&P independents, informing IVZ's ongoing strategy



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CABORA BASSA PROSPECT & LEAD MAP

Material portfolio of drill ready prospects and leads identified through the CB21 Survey with multiple follow-up targets and running room



90km

I Gross Mean Unrisked

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MUKUYU-1 RESULT

Successful Basin Opening Well

- Working hydrocarbon system proven in the Cabora Bassa
- Mukuyu-1 successfully drilled to 3,923mMD and sidetrack successfully drilled to 3,603mMD TD
- Primary Upper Angwa formation interpreted to contain 11 gas-condensate pay zones over a gross 225m interval from log data
- Gas shows up to 135 times above background in Upper Angwa despite >2,500psi overbalance
- Fluorescence observed from top Pebbly Arkose through Upper Angwa to TD indicating significant hydrocarbon charge across 1,500m interval
- High quality open-hole wireline log data acquired



Despite fluid sample capture being hampered by wireline tool failure and high overbalance drilling conditions, significant data has been acquired to inform future drilling, particularly the upcoming appraisal well campaign

Additional analysis on sidewall cores, drill cuttings and mudgas in progress and expected to provide additional data and evidence on the hydrocarbon system

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	Μυκυγυ-1		Approximate Depth to Top Structure	Horizon	Target Formation	Comment
	1.9 Tcf + 77 mmbbls		750m	200	Post Dande	Elevated resistivity and potential hydrocarbons over 10-15m interval from wireline logs
	4.5 Tcf + 181 mmbbls	MUKUYU-1 WELL	1,200m	250-350	Dande	
	4.5 Tcf + 183 mmbbls		1,800m	400	Forest	
	2.5 Tcf + 102 mmbbls		2,300m	500	Pebbly Arkose	Significant fluorescence and gas interpreted from logs
	4.1 Tcf + 182 mmbbls		2,800m	600-650	Upper Angwa	Significant fluorescence and gas interpreted from logs with thicker gross reservoir than pre-drill prognosis
	Additional Upside		3,600m	650+	Intra Upper Angwa	Additional gas bearing zones observed from MWD but not logged due to borehole condition
	2.6 Tcf + 120 mmbbls		4,300m	700	Lower Angwa	
	20.0 Tcf + 845 mmbbls (gr	oss mean un-risked)	Total			
	←15km	Wide→				

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MUKUYU-1 RESULTS

Maiden exploration campaign confirms working hydrocarbon system & has validated pre-drill basin modelling



HYDROCARBON ZONES

13 potential hydrocarbon bearing zones, including a combined 225m gross potential hydrocarbon bearing interval in the primary Upper Angwa formation



STRONG GAS & FLUORESENCE SHOWS

Strong gas shows (up to135x background) and fluorescence in drill cuttings and sidewall cores from Pebbly Arkose through Upper Angwa proves gross charge interval >1,500m



ADDITIONAL DATA

Analysis of the sidewall cores obtained from Mukuyu-1 are in progress, allowing for calibration of wireline data, interpretation of net pay zones and refinement of the basin model



EXPANDED PLAY

The gross interval of observed fluorescence and hydrocarbon charge in the Pebbly Arkose and Upper Angwa substantially expands the play interval with additional untested deeper potential



SIGNIGICANT GAS COLUMN

Valid formation pressure pre-tests obtained in the upper Pebbly Arkose and Upper Angwa reservoirs potentially indicate a significant gas column in these formations¹



DE-RISKING FUTURE DRILLING

Further analysis is being undertaken to assess the impact to the reservoir from the high mud weight and drilling fluid composition in order to optimise well & drilling fluid design for future wells

MUKUYU-1 RESULTS

Mukuyu-1 results have satisfied the majority of key requirements to show a working hydrocarbon system in the Cabora Bassa

PETROLEUM SYSTEM ELEMENT	Μυκυγυ-1	STATUS	
SEAL & CONTAINMENT	 Multiple seals were intersected in the well with multiple shales, claystones and siltstones throughout the drilled sequence confirmed the presence of competent seals. 	✓	
TRAP	Mukuyu anticline proven to have closure and well defined on 2D seismic	~	SIDEWALL CORES @ 24767mMD PEBBLY ARKOSE SHOWING FLUORESCENE IN RESERVOIR SWC SAMPLE
RESERVOIR	 Multiple reservoir units with good porosity values (up to 15% in Upper Angwa, 20% in Pebbly Arkose and 30% in Dande) were interpreted from petrophysical logs. Analysis of reservoir side wall core plugs in progress. Lateral extent and continuity of reservoir sands across Mukuyu structure is still unknown and will be informed through appraisal drilling – can be mitigated in production through increased well density 	✓	lautuuluutuu
SOURCE & MATURITY	 Multiple source rock and hydrocarbons were intersected with evidence of lateral migration as well as present day generation on structure from interbedded source rocks. 100% fluorescence observed in some drill cutting. Analysis of source rock side wall cores and mudgas sample isotope data in progress 	✓ ✓	0 cm 1 5 3 4 2 9 0 1 5 3 4 1 0 1 5 3 4 1

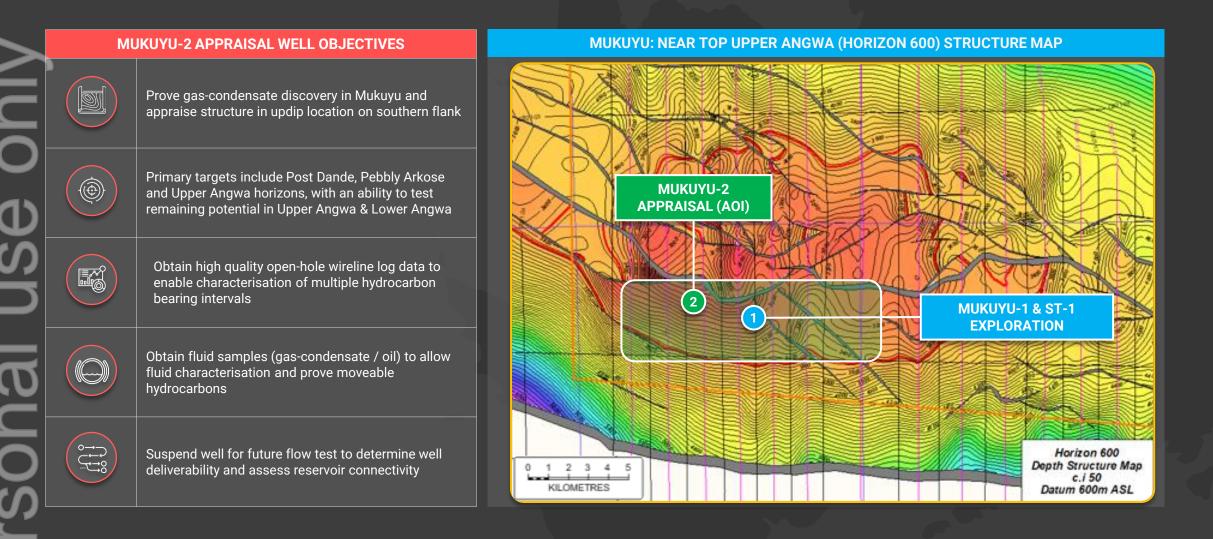


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MUKUYU-2 WELL OBJECTIVES

Mukuyu-2 well will appraise southern flank of Mukuyu structure to confirm gas-condensate discovery

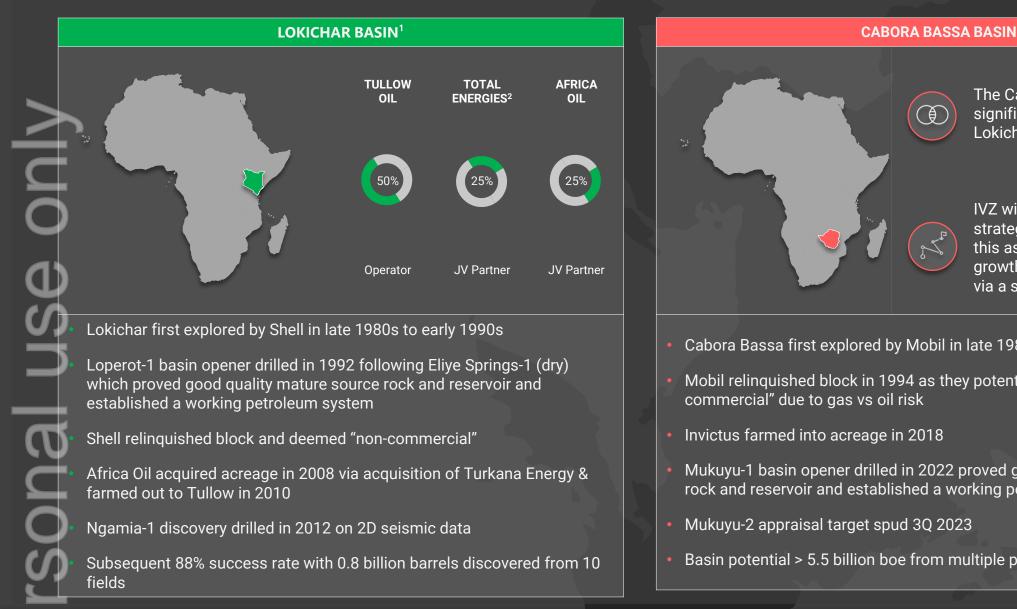


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LOKICHAR BASIN COMPARISON



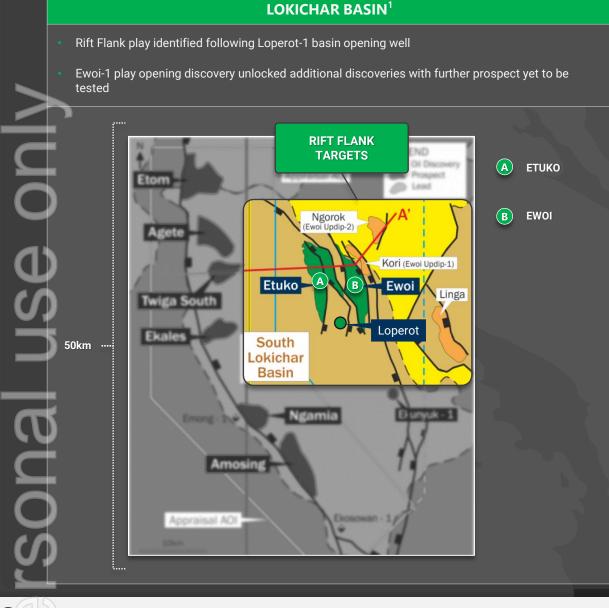
The Cabora Bassa possesses significant similarities to The Lokichar Basin

IVZ will seek to replicate the strategy employed to develop this asset and drive significant growth in the value of the project via a staged approach

- Cabora Bassa first explored by Mobil in late 1980s to early 1990s
- Mobil relinguished block in 1994 as they potential deemed "noncommercial" due to gas vs oil risk
- Invictus farmed into acreage in 2018
- Mukuyu-1 basin opener drilled in 2022 proved good quality mature source rock and reservoir and established a working petroleum system
- Mukuyu-2 appraisal target spud 3Q 2023
- Basin potential > 5.5 billion boe from multiple prospects and leads

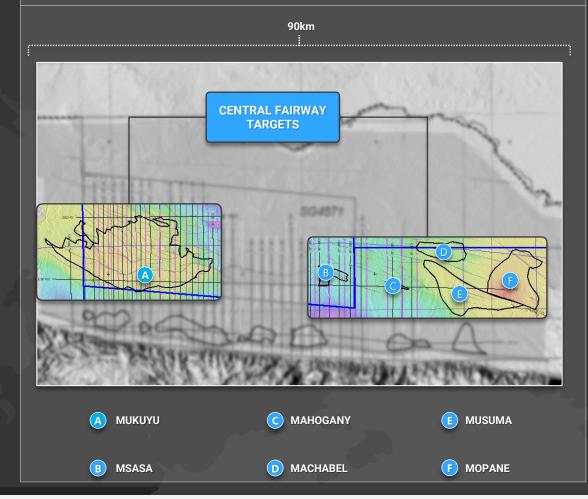
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CENTRAL FAIRWAY TARGET COMPARISON



CABORA BASSA BASIN

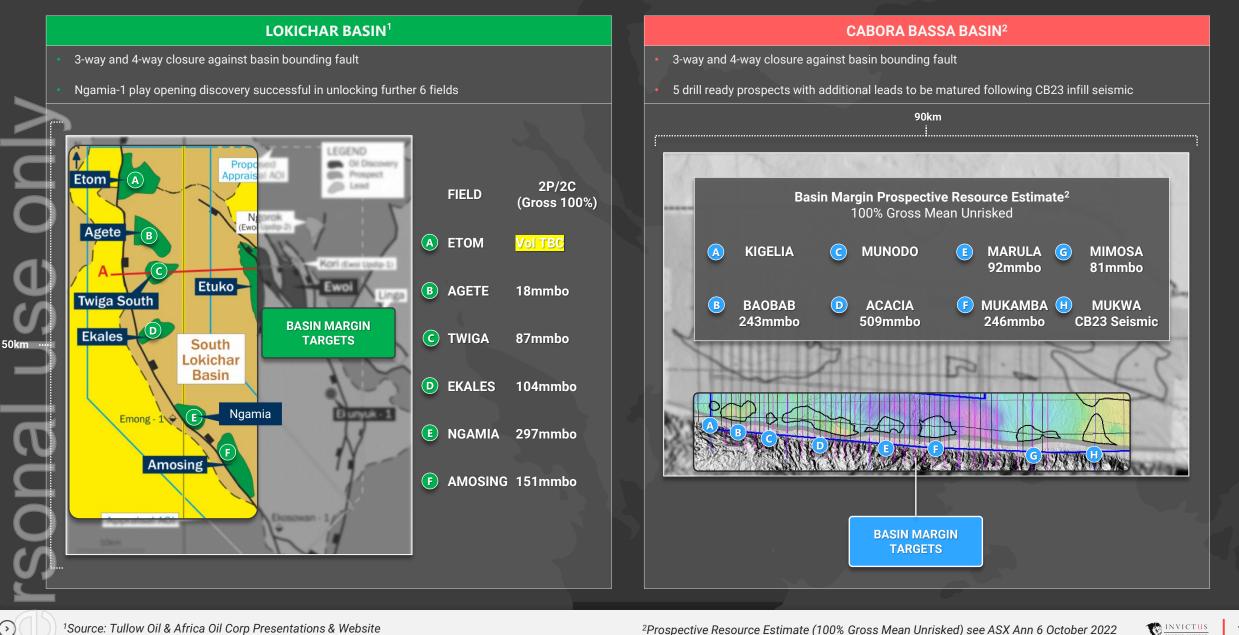
- Central Fairway play consist of large 4-way dip closed and 3-way faulted closure along basement high trend
- Mukuyu-1 basin opening well proves all petroleum system play elements and unlocks running room in Central Fairway



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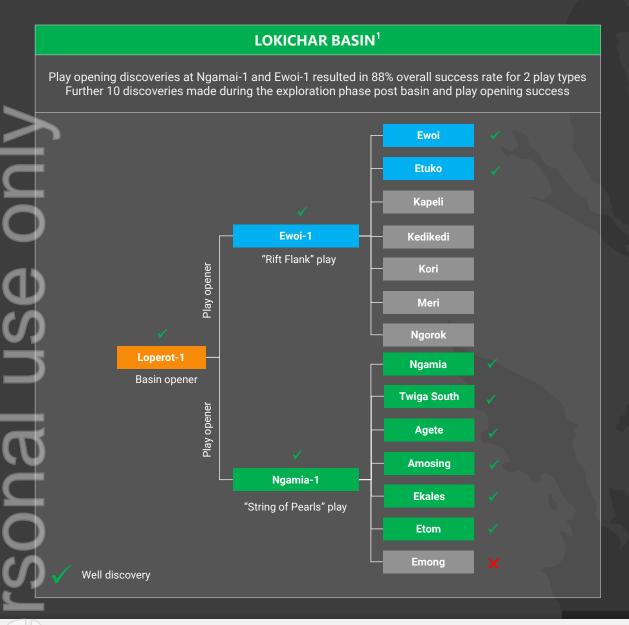
BASIN MARGIN TARGET COMPARISON



¹Source: Tullow Oil & Africa Oil Corp Presentations & Website

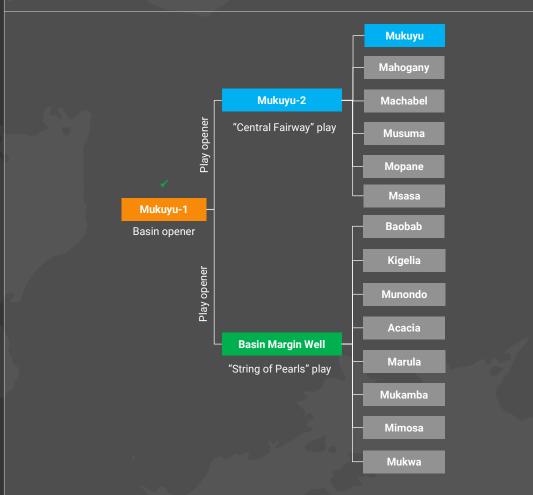
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PLAY OPENING SIMILARITIES WITH LOKICHAR BASIN - KENYA



CABORA BASSA BASIN

Successful Mukuyu-1 basin opening well is the first step in unlocking play openers Multiple play types Increase likelihood of exploration success comparable to the Lokichar Basin.



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LOKICHAR BASIN - EXPLORATION PROGRAM

IVZ will seek to replicate the stage strategy employed with the Lokichar Basin to deliver substantial value

ACTIVITY	2009	2010	2011	2012	2013	2014	201
Acquisition of blocks 10A, 10BA and 10BB in Lokichar Basin by Africa Oil							
Acquisition of blocks 12A and 13T in Lokichar Basin by Africa Oil							
Farm-out 50% ownership by Africa Oil to Tullow Oil Inc who assumed role as operator							
Farm-out 25% ownership by Africa Oil to Total Energy							
Ngamia-1 exploration well success – encountering over 200m of net oil play							
Twiga South-1 well discovery							
Etuko-1 well discovery							
Ekales-1 well discovery							
Agete-1 well discovery							
Amosing-1 and Ewoi-1 discovery		/					
Etom-1 discovery							
Seismic survey completed over discoveries in South Lokichar Basin							
Farm-out – Stage 1	USD\$37m						
Farm-out – Stage 2		USD\$68m					
Valuation Uplift – Stage 2		1.8x					
Farm-out – Stage 3							USD\$1,
Valuation Uplift – Stage 3							25.8

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CABORA BASSA FORWARD STRATEGY

IVZ has a clear roadmap for its future drilling and subsequent basin exploration program

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	ΑCTIVITY	DEC-22	JAN-23	FEB-23	MAR-23	APR-23	MAY-23	JUN-23	JUL-23	AUG-23	SEP-23	OCT-23	NOV-23	DEC-23
	Permitting Approvals for Mukuyu-2													
	Appointment of Chairman & NED													
	Execute Petroleum Production Sharing Agreement													
	Consider Drilling Funding Structures													
	Consider Farm-in Agreements													
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	Mukuyu-1 Completion													
	Tendering For Mukuyu-2													
	Rig 202 Warm Stack													
	Mukuyu-1 Sidewall Cuttings & Mudgas Results													
	Long Leads Ordered													
	2D Seismic Acquisition													
	Drilling Services Confirmed													
	Rig move													
	Mukuyu-2 - Appraisal Well Drilling													
	Mukuyu-2 - Results													
					7					y C				
	Wet / Dry Season													



2D SEISMIC ACQUISITION PROGRAM

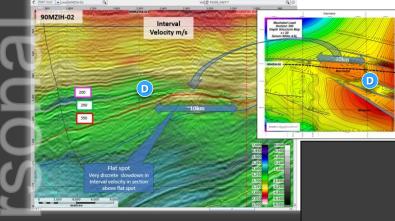
Seismic acquisition planned to mature eastern Cabora Bassa Basin leads to drillable prospects

Plans to acquire additional seismic in the eastern portion of EPO 1848 & 1849 to mature multiple leads

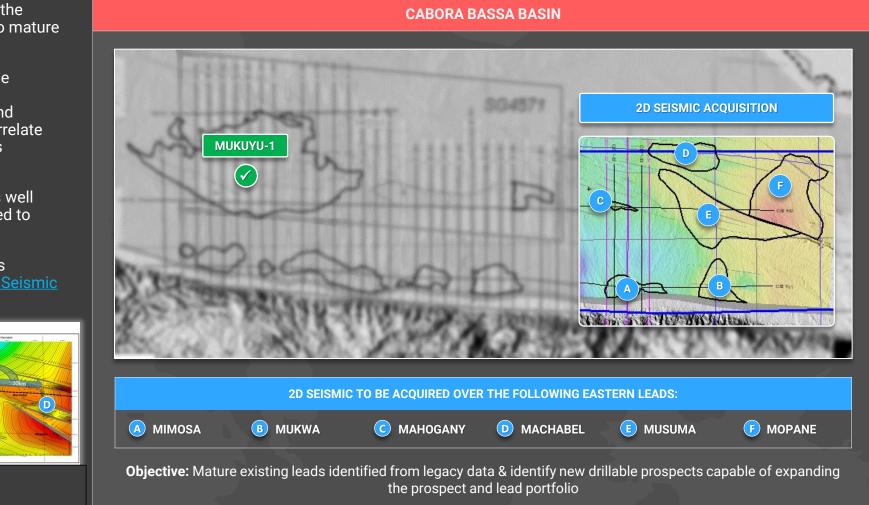
The leads all display seismic amplitude anomalies such as "flat spots" (often indicative of hydrocarbon contacts) and velocity interval slowdowns, which correlate with the hydrocarbon bearing intervals intersected in the Mukuyu-1/ST1 well

Seismic survey design and planning is well advanced and acquisition is anticipated to commence in Q2 CY23

CB23 Survey will incorporate Invictus's experience from the successful <u>CB21 Seismic</u> <u>Survey acquisition</u>



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CARBON OFFSET PROJECT

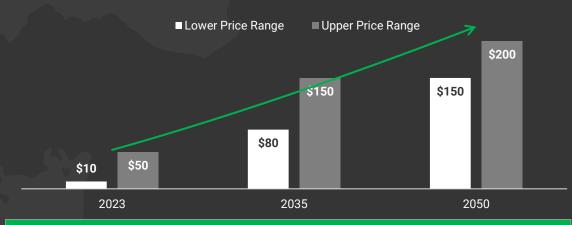
NGS REDD+ PROJECT OVERVIEW	Key Metrics
Ngamo Project Area	102,900ha
Gwayi Project Area	54,400ha
Sikumi Project Area	144,265ha
Total NGS Project area	301,565ha
Potential Carbon Credit Generation Annually	+1.0m p.a.
Potential Annual Carbon Credit Generation Over Project Life	+30.0m
Contract Term	30-years
IVZ Profit Share with Forestry Commission of Zimbabwe & Local Community	50:50
Renewal Term (based on performance)	30-years

Invictus have been awarded three carbon offset projects for a 30-year term, covering a combined 301,565ha collectively known as Ngamo, Gwayi & Sikumi (**NGS**) REDD+ project

- 5 year pilot REDD+ project funded by World Bank completed in 2020
- Generate enough carbon credits to offset Cabora Bassa Project Scope 1 & 2 emissions – cradle to grave carbon neutral project
- Excess credits will be sold on the Voluntary Carbon Market (VCM)
- Strong pricing outlook of US\$80-150 per t-CO2e[#] (i.e. per carbon credit)

Provides IVZ with the ability to sell carbon neutral oil and gas, increasing the attractiveness to buyers

CARBON CREDIT PRICE OUTLOOK – USD\$ / t-CO2e¹



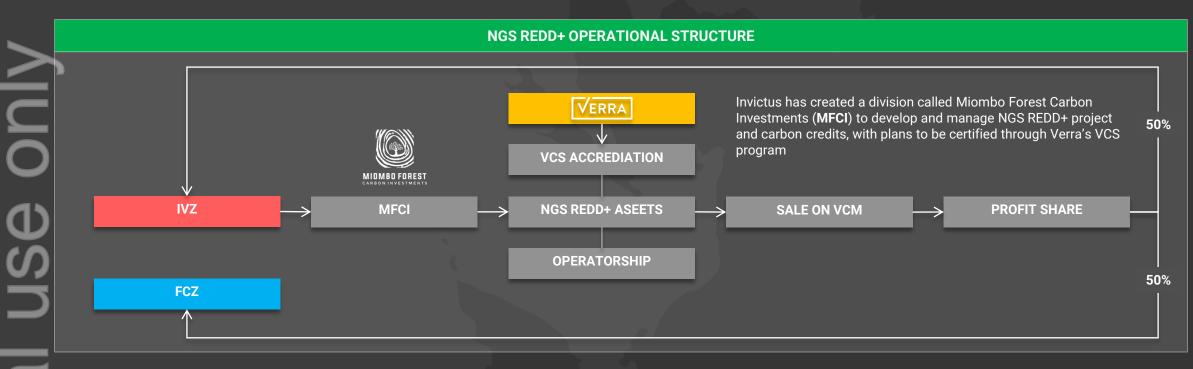
NGS REDD+ PROJECT



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ACCREDITATION REQUIREMENTS

REDD+ Projects must satisfy four key criteria to produce carbon credits that can then be sold



D	INVICTUS ENERGY	MFCI	NGS REDD+	OPERATORSHIP	ACCREDIATION	CARBON CREDIT SALE	PROFIT SHARE
	Invictus Energy (ASX:IVZ) holds 100% ownership of Miombo Forrest Carbon Investments (MFCI)	MFCI develops and manages NGS REDD+ Project	MFCI owns NGS REDD+ carbon assets for a 30- year period	MFCI to administer the Project and coordinate activities between various stakeholders,	MFCI responsible for maintain accreditation and registration for carbon credits to be created under Vera's Verified Carbon Standard (VCS)	MFCI then responsible for sale of carbon credits to third parties on the Voluntary Carbon Market (VCM)	Profits from the sale of Carbon Credits are split 50:50 with IVZ and the Forestry Commission of Zimbabwe (FCZ)



INVICTUS INVESTMENT OPPORTUNITY







CORPORATE OVERVIEW

Strongly aligned Board & Management, with significant equity positions on the IVZ register

INVICTUS ENERGY LIMITED (ASX:IVZ)		CAPITAL STRUCTURE			
Share Price (15 March 2023)	\$0.125	Shares on Issue (m)			
Market Capitalisation ¹	\$111.0m	Options / Performance Rights (m)	251m		
Enterprise Value (~\$12.6m cash 31 Dec 2022)	\$98.4m	Diluted Issued Capital (m)		1,139m	
SHARE PRICE PERFORMANCE		MAJOR SHAREHOLDERS (20 March 2023)	3)		
\$0.40	150m	Shareholder	Shares (m)	%	
		BAYETHE INVESTMENTS PTY LTD	71.4	8.32%	
	1	CITICORP NOMINEES PTY LIMITED	40.9	4.77%	
		BNP PARIBAS NOMS PTY LTD	21.2	2.48%	
\$0.20 July 1 Ly prevent Myyy	75m	BNP PARIBAS NOMINEES PTY LTD ACF CLEARSTREAM	16.7	1.95%	
T have by	m	MANGWANA OPPORTUNITIES (PRIVATE) LIMITED	16.1	1.88%	
		BNP PARIBAS NOMINEES PTY LTD	15.0	1.77%	
		HSBC CUSTODY NOMINEES (AUSTRALIA) LIMITED	10.6	1.23%	
	- Mar-23	HSBC CUSTODY NOMINEES (AUSTRALIA) LIMITED	8.0	0.93%	
Market Volume — Share P	rice	JAERICA PTY LTD	7.7	0.90%	

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GEOPOLITICAL OVERVIEW

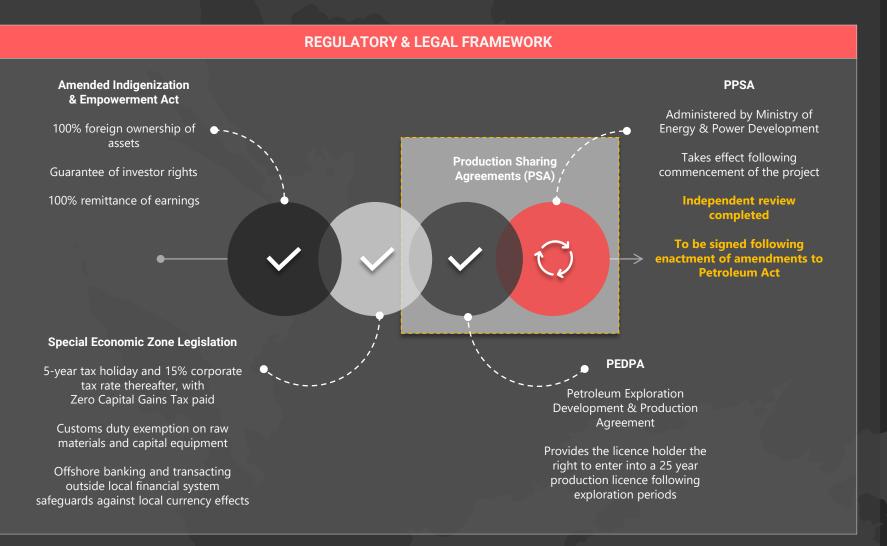
New Zimbabwean Government are promoting foreign investment & has implemented investor friendly reforms

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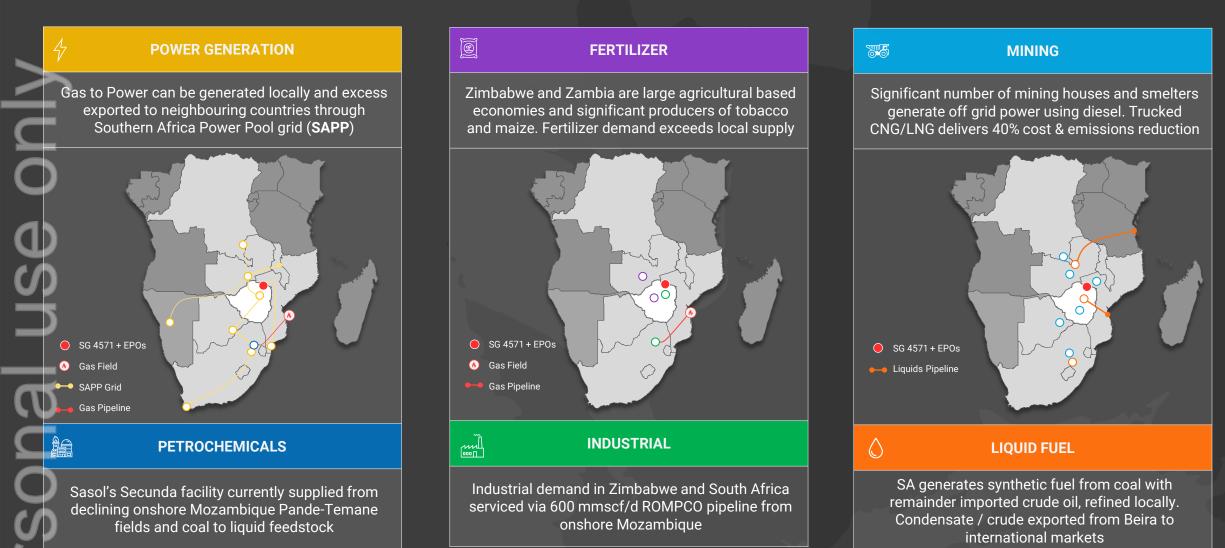
New government is pro-business, promoting foreign investment and has implemented investor friendly reforms

Mines Minister is a former resources industry executive that understands the needs of the resources sector



DOWNSTREAM MARKETS

Multiple large scale power generation, mining, chemical processing & industrial downstream consumers within Southern Africa



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SOUTHERN AFRICA'S ENERGY CRISIS

Increasing shortages of electricity hampering industry and investment



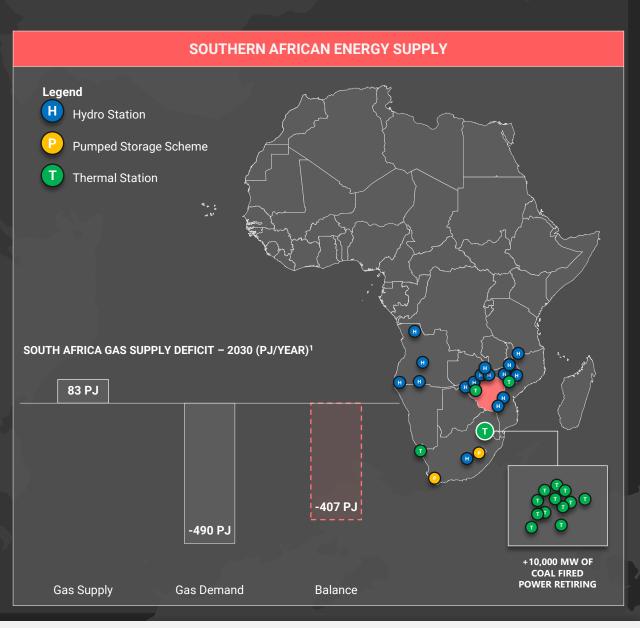
- Southern African Power Pool ('SAPP') enables cross-border electricity trading between states:
- 12 member countries servicing 230m people, with electricity trading run from Harare in Zimbabwe
- Spine of SAPP transmission network runs through Zimbabwe giving it the greatest access to other member states

Supply Shortage

- - South Africa's coal fired power plants providing 20% (+10k MW) of power supply are being retired in coming years
 - Medium-term supply gap of +15k MW, set to be filled by diesel fired power generation in the interim
 - Gas to power becoming increasingly important to regional power supply

SAPP network provides virtual pipeline to monetise gas throughout Southern Africa and ideally positioned to deliver gas into the power network

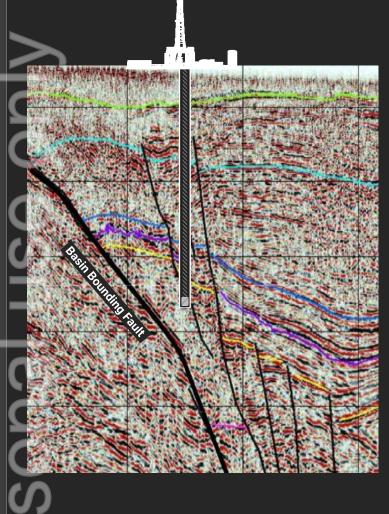
East, West and North Africa increasing focus upon shifting supply to Europe & Asia following transition away from Russian based energy sourcing



LOKICHAR BASIN KENYA VS CABORA BASSA BASIN OPENING WELLS

PLAY OPENER NGAMIA-1: 297m BARREL DISCOVERY WITH 3,163 BOPD ON TEST¹

BAOBAB-1 PROJECTED WELL PATH (CB21-008)

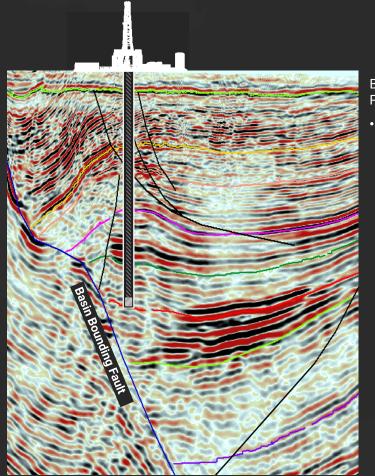


Ngamia-1 Predrill 2D seismic P50 estimate:

• 45 mmbbls - 5km² closure

Ngamia Postdrill with 3D seismic & appraisal P50 estimate:

• 297 mm bbls - 25km² closure

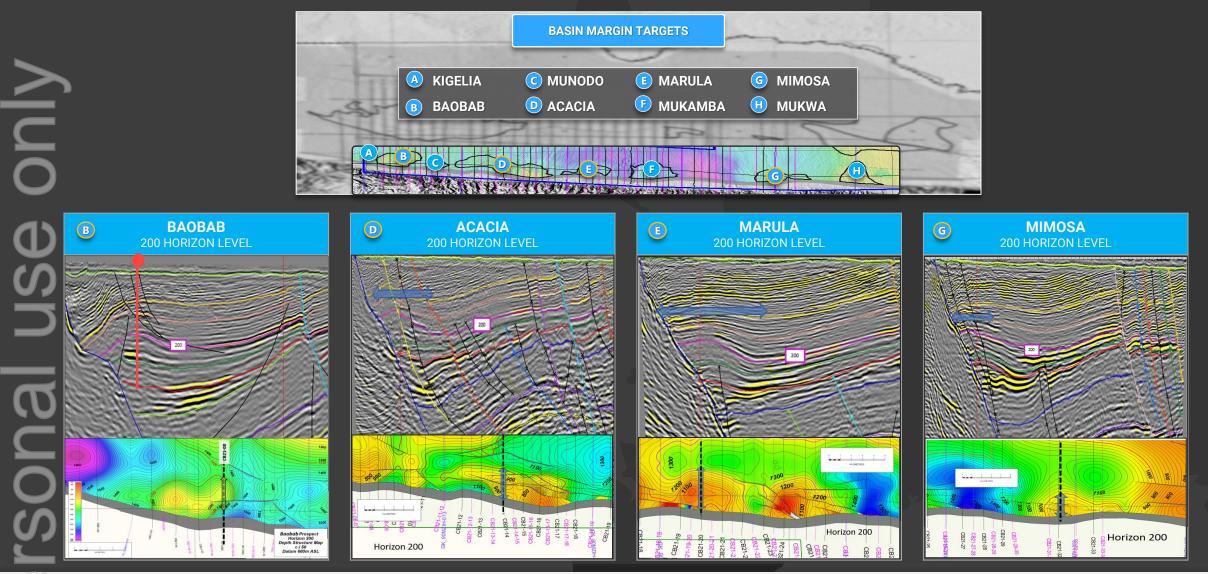


Baobab-1 Predrill 2D seismic P50 estimate:

• 120m bbls - 16km² closure

BASIN MARGIN PLAY – "STRING OF PEARLS" PROSPECT

Closure against basin bounding fault sets up traps at multiple horizons – potentially more liquid prone with multiple drill ready prospects to unlock large resource base





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TRANSACTIONS ON FRONTIER AFRICA EXPLORATION SUCCESS

Exploration success provides superior returns

	IMPLIED VALUE p (\$M)	TRANSACTION COST (\$M)	WORKING INTEREST PURCAHSED (%)	COUNTRY	SELLER	BUYER	
224	224	1900	9	Mozambique	COVE	PTTE	
112	112	2800	25	Mozambique	ENI	Exxon	<u>S</u>
260	260	2600	10	Mozambique	Anadarko	ONGC	
20	20	916	33-62	Senegal-Mauritania	Kosmos	BP	S
12	12	430	35	Senegal	Conoco Phillips	Woodside	Ď
37.5	37.5	375	10	Egypt	Eni	BP	
37.5	37.5	1125	30	Egypt	Eni	Rosneft	
36.3	36.3	907	25	Kenya	Africa Oil	Maersk	I O
37.	37.	1125	30	Egypt	Eni	Rosneft	ona

Invictus current implied value per WI% of <\$1M provides significant upside



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This presentation was approved for release by Invictus Board