



Tullow Oil plc

# OVERVIEW PRESENTATION

January 2018

# DISCLAIMER



This presentation contains certain forward-looking statements that are subject to the usual risk factors and uncertainties associated with the oil and gas exploration and production business.

Whilst Tullow believes the expectations reflected herein to be reasonable in light of the information available to them at this time, the actual outcome may be materially different owing to factors beyond the Group's control or within the Group's control where, for example, the Group decides on a change of plan or strategy.

The Group undertakes no obligation to revise any such forward-looking statements to reflect any changes in the Group's expectations or any change in circumstances, events or the Group's plans and strategy. Accordingly no reliance may be placed on the figures contained in such forward looking statements.



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# INTRODUCTION



# A LEADING GLOBAL INDEPENDENT EXPLORATION & PRODUCTION COMPANY



## Established record of delivering successes

- The business has developed organically and through acquisitions since 1985

## Diversified world-class asset base

- Focus on Africa and South America
- Over 85 licences across 16 countries
- Strategic positions in key petroleum basins

## Three core business delivery teams

- West Africa: Low-cost oil production from Ghana and non-operated West African portfolio
- East Africa: Significant oil discoveries in Kenya and Uganda, with future development potential
- New Ventures: Building, progressing and drilling of Tullow's frontier exploration portfolio



# PRODUCTION & DEVELOPMENT ASSET BASE



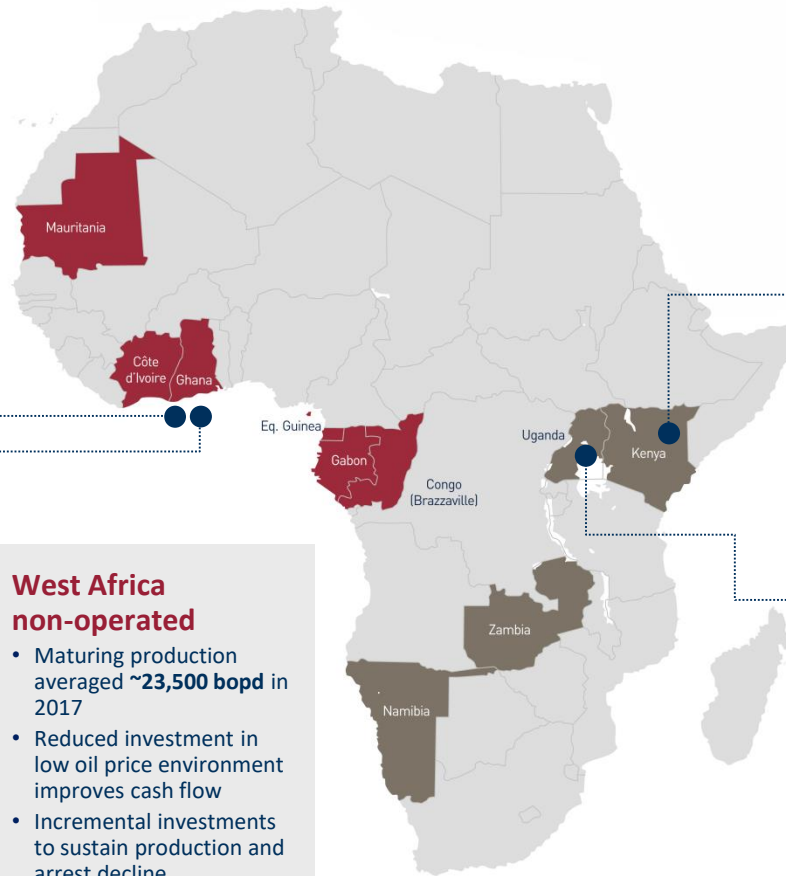
## TEN field

- First oil achieved in August 2016
- FPSO gross capacity of 80,000 bopd (**net WI ~35,000 bopd**)
- Gross production of 56,000 bopd in 2017; forecast of 64,000 bopd in 2018



## Jubilee field

- FPSO gross capacity of 120,000 bopd (**net WI ~40,000 bopd**)
- GJFFD plan is a multi-year incremental drilling programme to maximise and sustain production.



## West Africa non-operated

- Maturing production averaged **~23,500 bopd** in 2017
- Reduced investment in low oil price environment improves cash flow
- Incremental investments to sustain production and arrest decline



## East Africa Development

- Estimated 750mmbo mean resource



## Uganda

- Estimated 1.7bn bbls of discovered resources in Uganda, development progressing; c.230kbopd gross production; expected capex covered beyond first oil

2017 West Africa production: 89,100 bopd

2018 West Africa production guidance: 82,000 - 90,000 bopd

Low-cost producing assets with value-adding portfolio opportunities

# A BALANCED E&P BUSINESS FOCUSED ON RETURNS

## Business foundations

Highly experienced team

Proven operating capability

Low-cost production in West Africa

Material East African developments

High-impact exploration portfolio

Prudent risk management

## Disciplined approach

### Monetisation

Maximising revenue from production

Portfolio management

### Use of cash flow

Selectively investing in assets

Balance sheet deleveraging

## Future value generation

Enhance & replenish portfolio

Seek options for growth

Deliver shareholder returns

# WELL POSITIONED FOR THE FUTURE



## Strong business foundations

Experienced, broader  
management team

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High-quality, low-cost asset  
base with growth potential

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Selective high-impact  
exploration opportunities

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Strengthened financial position

## Delivering shareholder returns

Disciplined investment focused  
on returns

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Enhancing & replenishing  
asset base

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Continued deleveraging

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Positioned to take advantage of  
future opportunities

Positioned to deliver value growth over the next 3-5 years





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# FINANCIALS



# FINANCIAL STRATEGY BUILT ON FIRM FOUNDATIONS



## Financial foundations

Strong team  
with key relationships

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Re-set business with  
a low cost base

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Deleveraging through  
free cash flow generation

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Diversified  
capital structure

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Proven hedging and  
insurance programmes

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Effective portfolio  
management

## Disciplined approach

Minimum \$0.5bn  
liquidity headroom

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Prudent debt  
maturity  
management

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Maintain cost  
discipline

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Retain capex flexibility  
& strict allocation

## Future value generation

Strong balance sheet

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Delivering significant  
cash flow growth

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Selective high-impact  
exploration

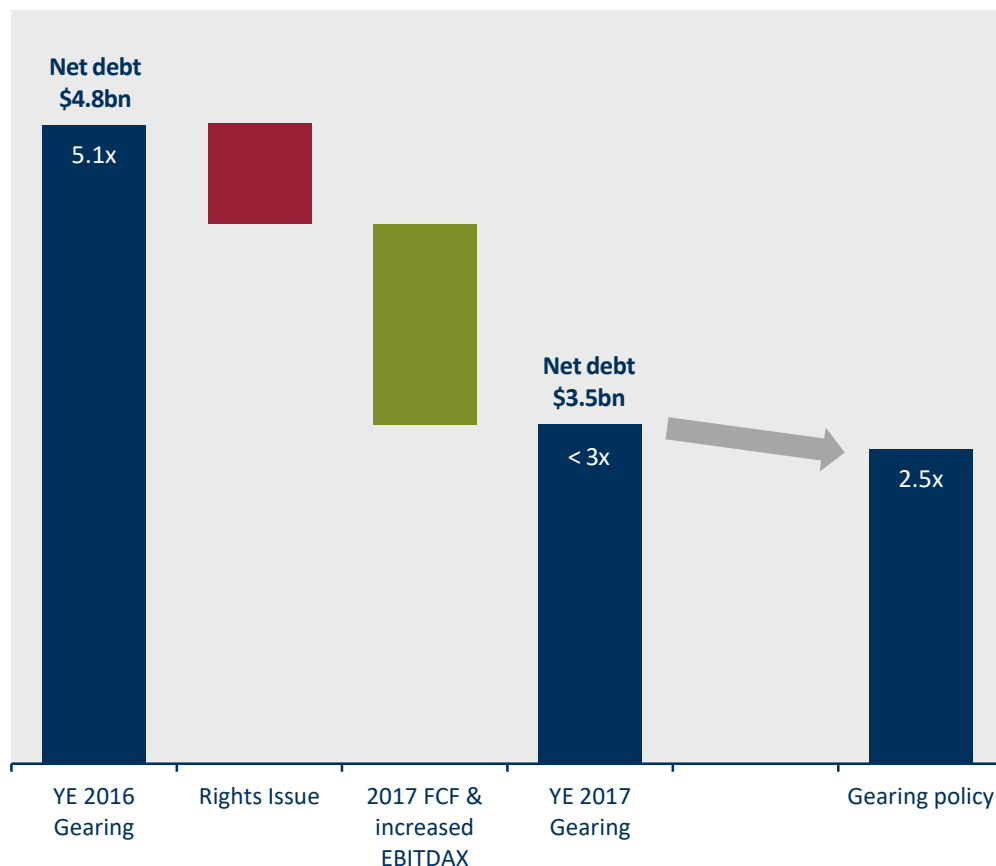
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Positioned to take  
advantage of future  
market opportunities

Tullow is well positioned despite the current low oil price

# A STEP CHANGE IN NET DEBT AND GEARING IN 2017

**Gearing reduced to <3x – approaching policy target**



Note: all references to “gearing” above refer to the gearing ratio calculated as Net Debt/Adjusted EBITDAX

## Significant progress made

- Net debt reduced by \$1.3bn
- Reduced gearing further supported by:
  - Equity proceeds of \$0.7bn
  - Free cash flow of \$0.5bn

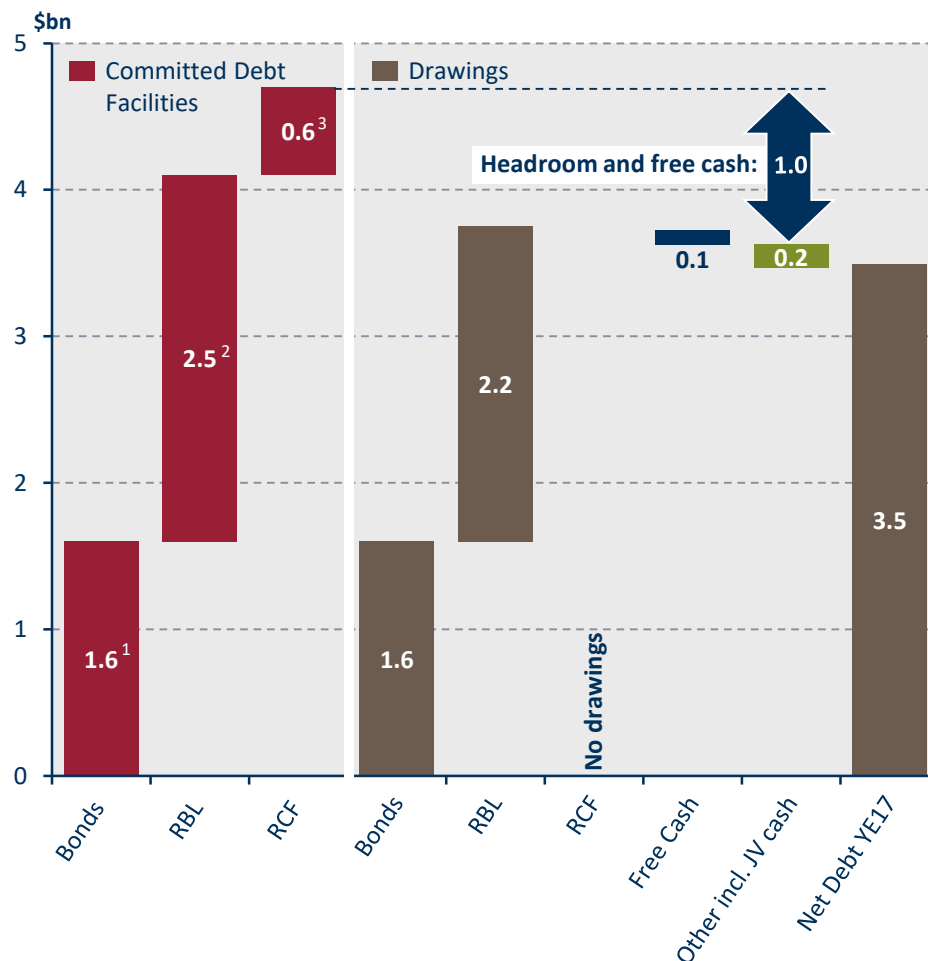
## Net debt reduction to continue

- Continuing free cash flow
- Further portfolio management

Balance sheet significantly deleveraged

# BALANCE SHEET, DEBT PROFILE AND LIQUIDITY

<b>Liquidity</b>	<ul style="list-style-type: none"> <li>• \$1bn facility headroom and free cash at YE18</li> <li>• No material near term debt maturities</li> <li>• Minimum \$0.5bn headroom going forward</li> </ul>
<b>RBL</b>	<ul style="list-style-type: none"> <li>• \$2.5bn refinancing completed in Nov'17</li> <li>• 3 year grace period agreed</li> </ul>
<b>Corporate Facility</b>	<ul style="list-style-type: none"> <li>• \$600m commitments and available credit</li> <li>• Commitments scheduled to reduce to \$500m in Apr'18 and \$400m in Oct'18</li> <li>• Final maturity Apr'19</li> </ul>
<b>Bonds</b>	<ul style="list-style-type: none"> <li>• \$1.3bn High Yield bonds</li> <li>• \$0.3bn Convertible bond</li> <li>• Next maturity more than 2 years away (Nov'20, \$650m high-yield bond)</li> </ul>



- (1) Two High Yield Bonds each at \$650m (Nov 2020, April 2022); \$300m Convertible Bonds (June 2021)
- (2) Reserve Based Lend facility; final maturity Nov 2024
- (3) Revolving Corporate Facility; reduces to \$500m in April 2018, \$400m in Oct 2018; final maturity April 2019

**Diversified debt capital structure  
with no material near-term  
maturities;  
\$1.0bn liquidity headroom at YE17**



## Prudent approach provides significant benefits to the business

- Tullow has proactively hedged production to protect revenues over the last 10 years
- Significant liquidity benefit through protecting future revenues and preserving RBL debt capacity
- Cumulative realised revenue of \$838m from hedging during 2015 to 2017
- Disciplined approach to continue, even in stabilising oil prices

## Current hedge portfolio

- c.60% of 2018 oil entitlement volumes hedged at c.\$52/bbl

Hedge Position (as at 31 December 2017)

	2018	2019	2020
Oil volume (bopd)	45,000	22,232	997
Average floor price protected (\$/bbl)	52.23	48.87	50.00

Revenues and cash flow underpinned by long-term prudent hedging programme

# CONSIDERABLE CAPEX FLEXIBILITY



## Disciplined capital allocation

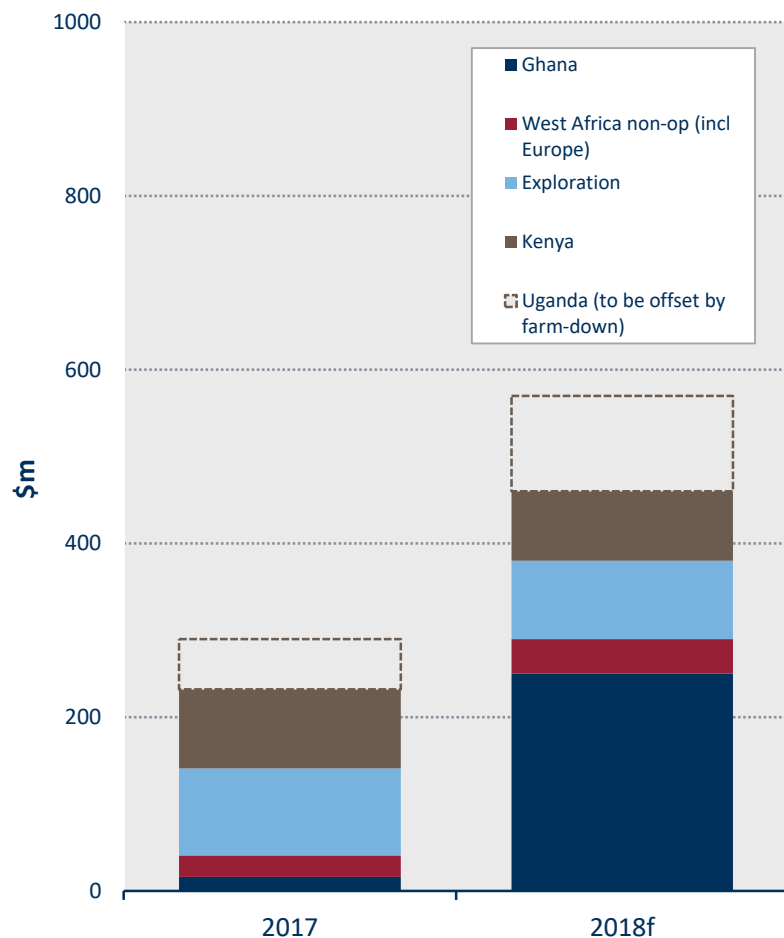
- Capital allocated to strike the right balance between deleveraging and growth
- All investment screened against strict commercial and technical criteria
- Minimise commitments to maximise flexibility in response to market conditions
- Options to flex annual capex between \$200m and \$600m over the next three years

## Core activities for capital expenditure 2018 - 2020

Ghana	Maintenance and anticipated 1-2 rig drilling programme
CWA	Maintenance and flexible infill drilling programmes
Kenya	Pre-FID expenditure only
Exploration	Seismic acquisition, prospect generation, high-impact, low-cost/low-complexity drilling
Uganda	Post deal completion capex covered through deferred consideration

Scrutinise capital allocation to drive value

## CAPITAL ALLOCATION



**2017 Capex of c.\$0.25 billion<sup>1</sup>**

**2018 Capex guidance of c.\$0.5 billion<sup>1</sup>**

- Ghana: c.\$250m
- West Africa non-operated: c.\$40m
- Kenya pre-development spend: c.\$80m
- Exploration and appraisal: c.\$90m

1. Capital expenditure excludes Ugandan expenditure of c.\$60 million in 2017 and c.\$110m in 2018 that will, subject to completion of the farm-down, be offset by either capex reimbursements or deferred consideration.

Other notes:

- 2017 Ghana capex net of \$69m of capex accrual reversals
- Capital expenditure excludes decommissioning costs; onerous service contracts; and is net of Jubilee turret remediation costs



## Good progress made in 2017

- On a pathway to <2.5x gearing
- Sustained cost reductions
- Ongoing capex flexibility

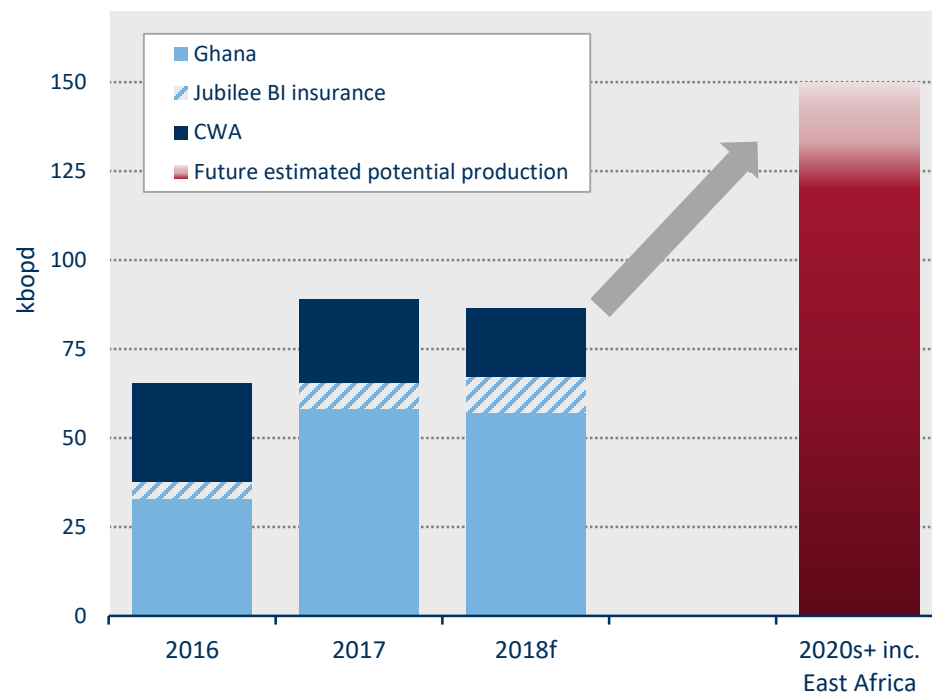
## Considerable EBITDA growth potential

- Grow, sustain and extend Ghana plateau production
- 23,000 bopd net from Uganda for no capex
- Kenya production to further add to production base
- Positioned to take advantage of oil price recovery

## Future value growth

- High-impact exploration opportunities
- Options to maximise value and deliver returns

## Actual and forecast future oil production



Period	West Africa* (bopd)	Gas (boepd)
2017	89,100	5,600
2018f	82 – 90,000	3,500 – 4,500

- Includes insurance payments relating to the Jubilee field production equivalent to 7,400 bopd in 2017 and 10,200 in 2018f



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# WEST AFRICA

# WEST AFRICA – CASH GENERATING PRODUCTION BUSINESS



## Business fundamentals

- Material production base from Ghana
- Low operating costs, targeting c.\$8/bbl
- Significant resource base underpins future production

## Reaching full production potential

- TEN production optimisation delivering encouraging rates
- Jubilee turret remediation project well advanced
- Preparations to return to drilling under way:
  - TEN ramp up post ITLOS decision
  - Greater Jubilee Full Field Development Plan approval granted in October 2017
- Near field exploration opportunities progressing
- Targeting top quartile operating performance
- Sustaining non-op portfolio contribution through flexible investments and near-term returns



*“We are focused on optimum capital allocation to maximise near-term value by securing strong, low-cost production in West Africa and ensuring that all our producing assets across the region reach their full potential.”*

*Gary Thompson, EVP West Africa*





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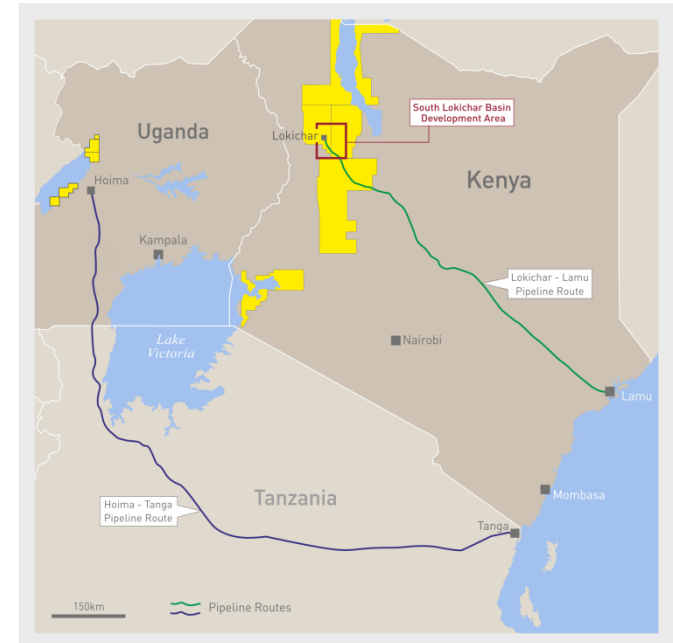
# EAST AFRICA

## Business fundamentals

- Over 2 billion bbls of resources discovered
- Low-cost material resource developments
- Track record of monetisation

## Progressing developments

- Working towards Uganda deal completion and FID in the first half of 2018
- Project to deliver c.23kopd net production from early 2020s, with zero capex exposure to Tullow
- Kenya EOPS underway, with initial testing ongoing and production/injection tests to commence Q1 18
- Focus on overall field development plan for discovered resources
- Targeted and efficient Kenya development pre-FID capex



*“Now we have achieved the key strategic target of farming down Uganda and driving the project towards FID, our focus now turns to Kenya as we work to progress the development and consider optimum commercialisation options.”*

*Mark Macfarlane, EVP East Africa*



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# NEW VENTURES



# NEW VENTURES – VALUE GENERATING EXPLORATION PORTFOLIO



## Business fundamentals

- Approach focused on building value
- Oil-focused acreage in known geology & geographies
- Strict commercial and technical screening of prospects

## High-impact exploration opportunities

- Lessons learnt from previous campaigns: only drill at the right cost, equity and reward
- Active portfolio management and deal making on existing and new acreage to manage risk & reward
- Balanced activity set of refreshing portfolio, building resources and drilling wildcats:
  - Guyana / Suriname - Industry hot-spot, drilled Araku-1 wildcat in Q4 2017
  - Material seismic and processing work ongoing to mature leads and rank prospects across the portfolio
  - Exciting new opportunities in Côte d'Ivoire and Peru



*“Tullow’s New Ventures team is focused on selective, high-impact exploration at the right equities and at the right costs. We are building a flexible exploration portfolio that can deliver value in current market conditions.”*

*Ian Cloke, EVP New Venture*

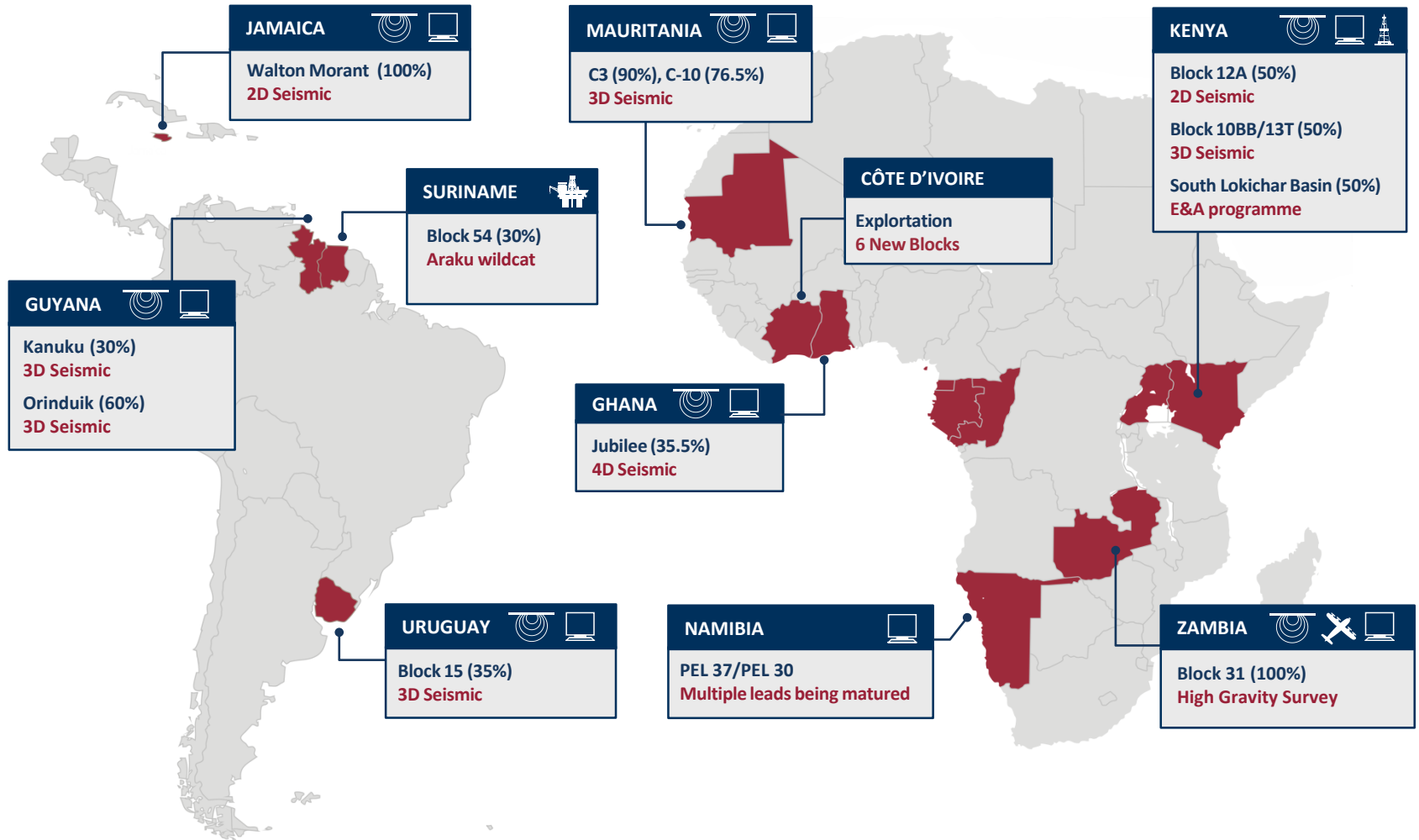




Tullow Oil plc - 2017 Half Year Results

# APPENDIX

# EXPLORATION & APPRAISAL ACTIVITY IN 2017



SEISMIC



Acquisition



Processing / Re-processing



Airborne Surveys

DRILLING

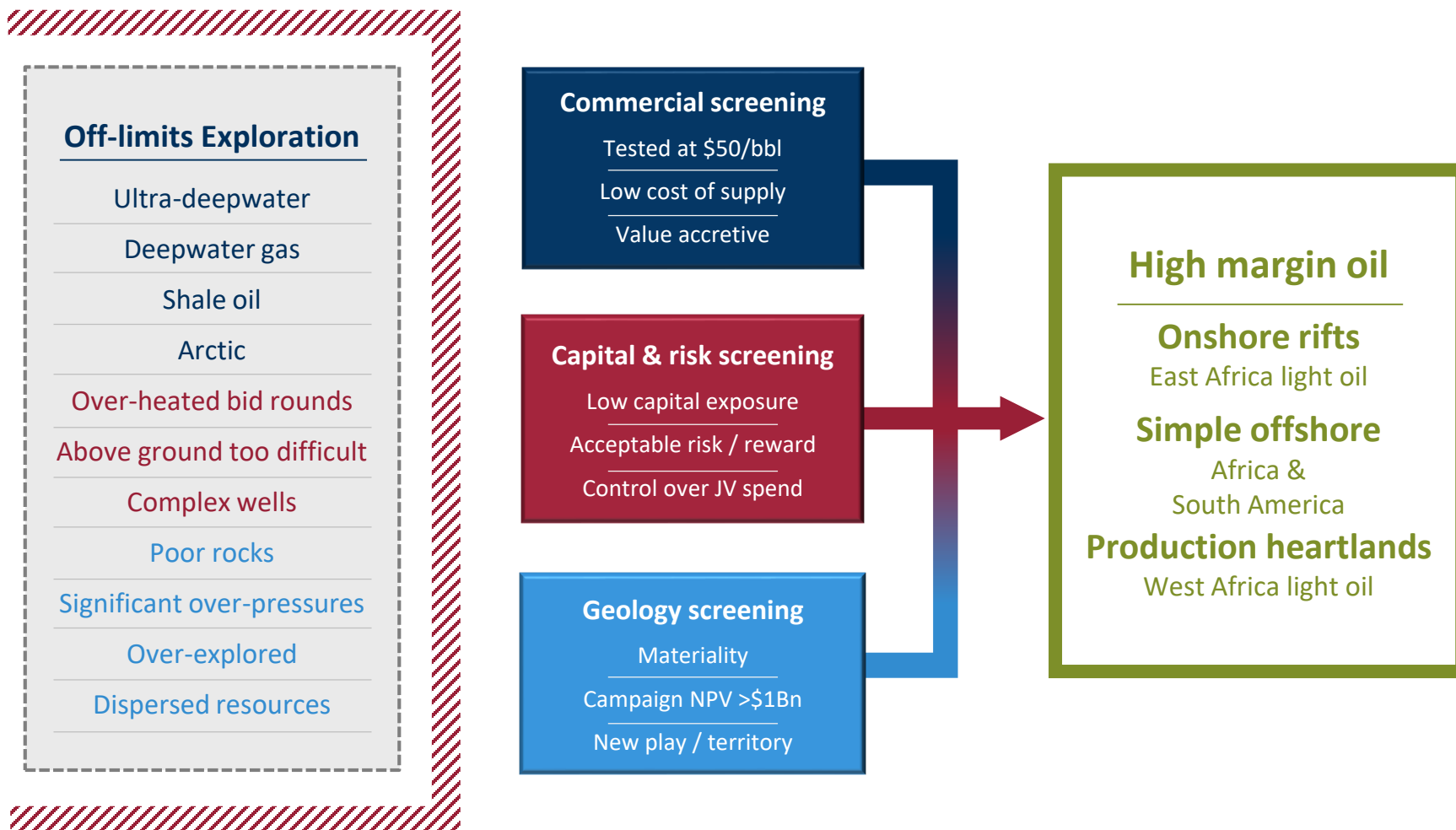


Offshore

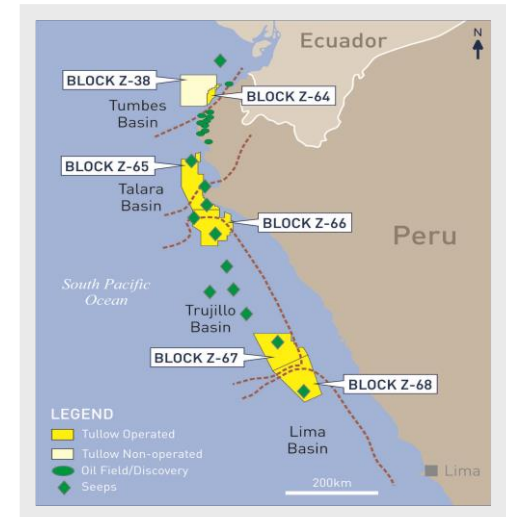
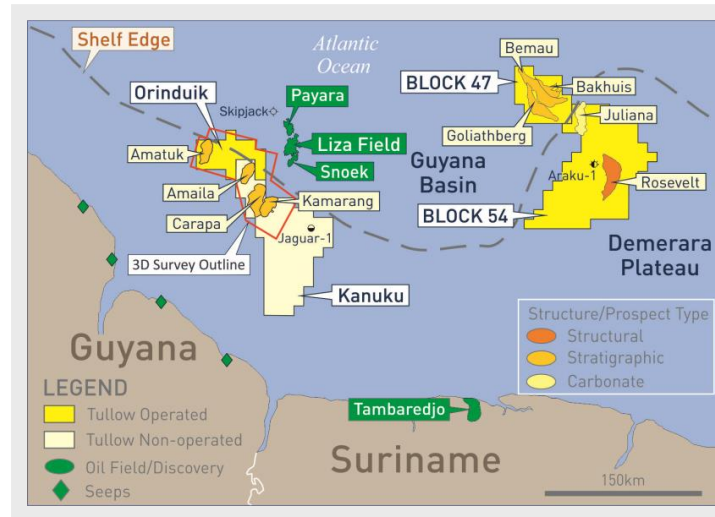
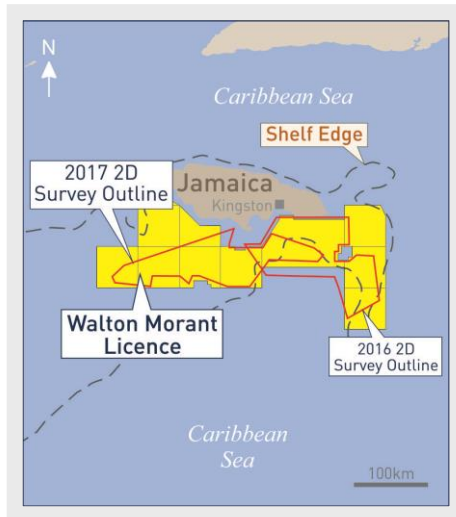


Onshore

# NEW VENTURES: CAMPAIGNS FOCUSED ON LONG-TERM VALUE



# SOUTH AMERICA: HIGH-IMPACT PROSPECTS

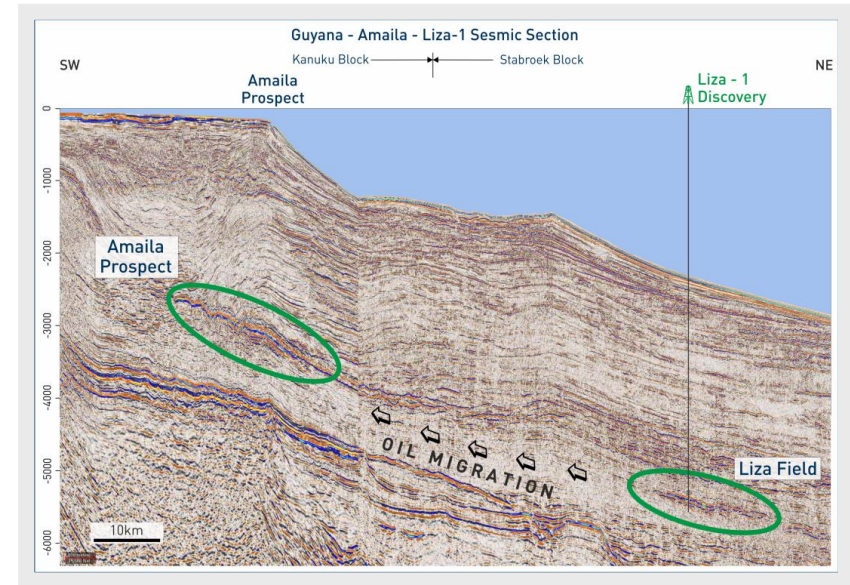
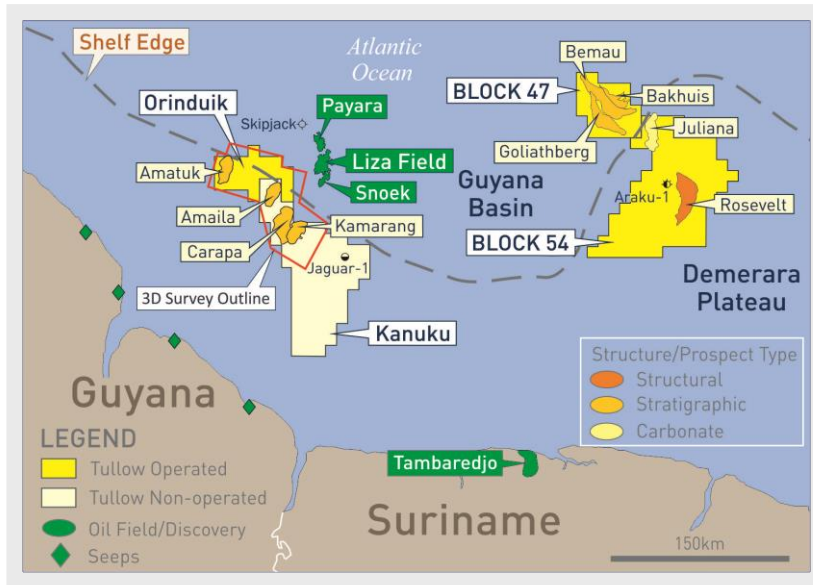


- Jamaica: Interpreting new 2D seismic data; 3D seismic survey planned for 2018
- Guyana: attractive acreage up-dip of Liza-1 oil discovery; acquired 3D seismic in 2017
- Suriname: low-cost offshore oil plays; Araku-1 wildcat drilled in Q4 2017
- Uruguay: significant potential in the Pelotas Basin; 3D seismic programme completed
- Peru: New country entry announced in Jan 18; six licences agreed, across 28,000 sq km

Substantial acreage positions with long-term future upside potential



# GUYANA-SURINAME: EXCELLENT POSITION IN NEW OIL PROVINCE



## Suriname:

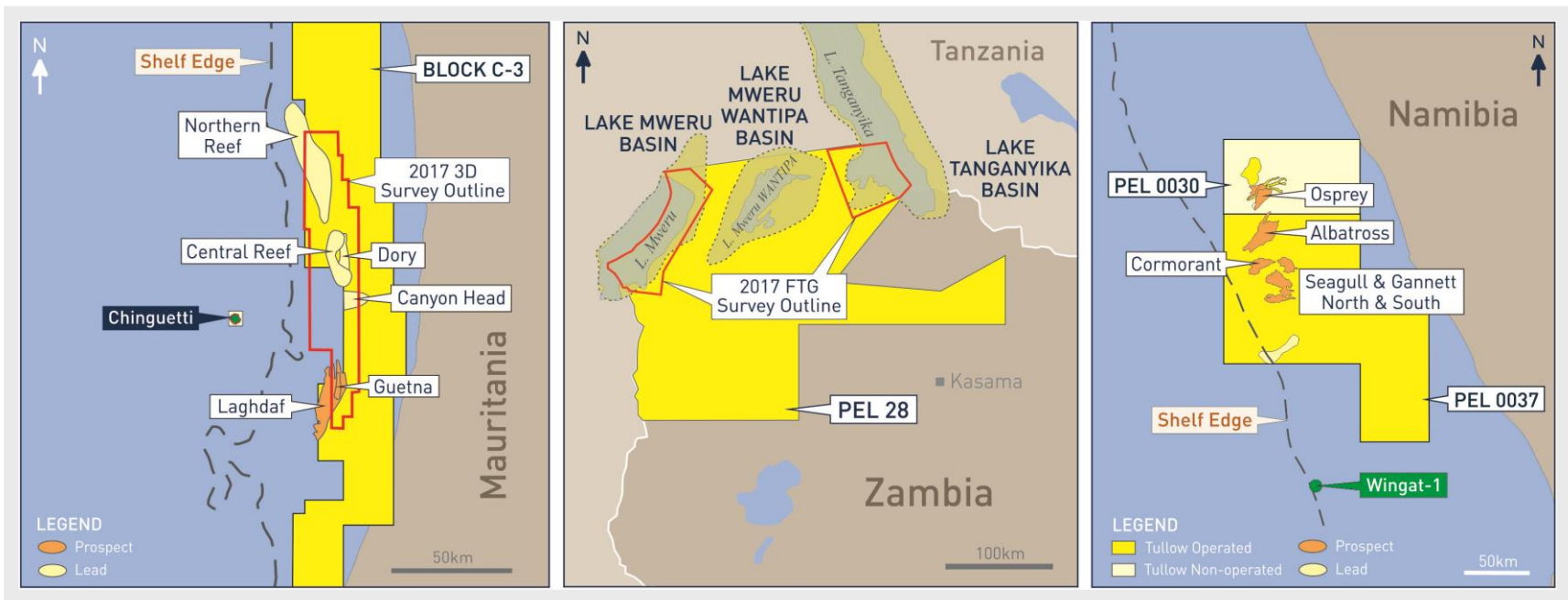
- Araku-1 in Suriname drilled in Q4 2017 (\$11m net to Tullow, Operator 30%)
- No commercial discovery made but presence of gas condensate de-risks deeper plays

## Guyana:

- 3D seismic programme completed in 2017; data processing commenced
- Multiple high-quality, shallow water prospects identified for potential future drilling

Game-changing low-cost prospects with multiple follow-up potential

# AFRICA: HIGH-IMPACT LEADS AND PROSPECTS



- Mauritania: exploration focus shifted to low-cost shelf-edge oil plays, 3D seismic acquired in 2017
- Zambia: extension of East African Rift Basin Play; High Gravity survey completed in October 2017
- Namibia: material turbidite oil play in low-cost shallow water setting; drilling in 2018
- Ghana: near field & exploration potential to extend production plateau and increase reserves
- Cote d'Ivoire: Awarded six new onshore licences in blocks located in a proven petroleum system

Large acreage positions onshore & offshore Africa

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