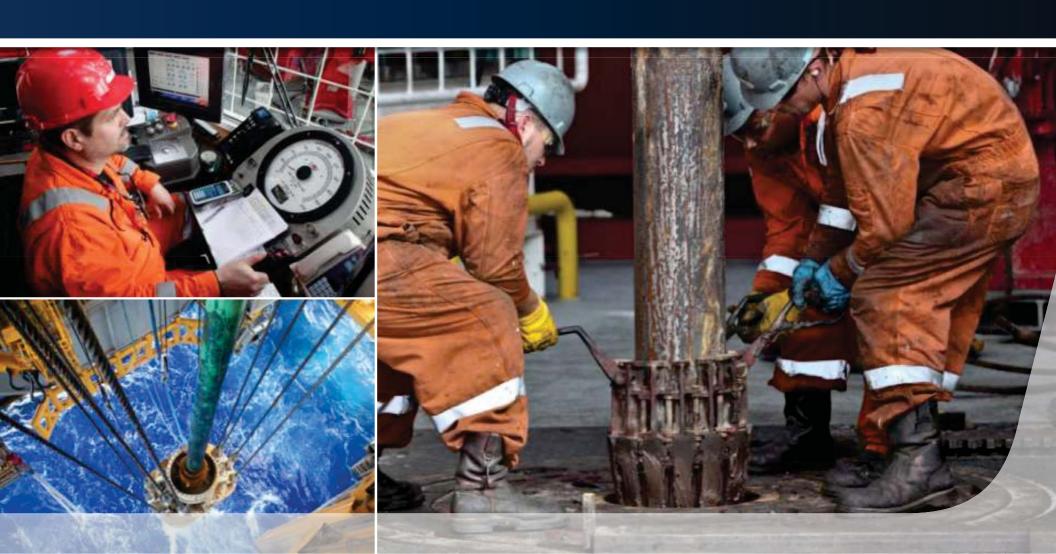


24 August 2011

## Tullow Oil plc – 2011 half-yearly results



## TULLOW In the

### 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.

## TULLOW I n &

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Tullow Oil plc – 2011 half-yearly results

Introduction – Aidan Heavey

# TULLOW E

## Positioned to deliver significant future growth

- Record cash generation transforms balance sheet in 2011
- Dividend doubled reflecting robust cash flow
- Continuing to build sector-leading exploration positions
- Key frontier exploration well results imminent
- Progressing portfolio of major developments



Tullow Oil plc – 2011 half-yearly results

Finance – Ian Springett

## Creating shareholder value

#### Consistent and repeatable strategy

- Sustainable long term value growth
- · Balance exploration, major projects & funding
- Safety, environment, stakeholders & people

- High-impact exploration portfolio
- Ghana: Jubilee first production
   & fast track development
- Uganda: farm-down and future development
- Nuon EO acquisitions; near term production plus upside

### Underpinned by financial strategy

- Strong, well funded balance sheet to enable growth
  - Debt and equity funding
  - Portfolio management
- Significant operational cash flow

- \$3.95bn debt facilities
- Uganda transactions
- Jubilee production ramp-up



## 2011 half-yearly results summary

	1H 2011	1H 2010	Change
Sales revenue	\$1,062m	\$486m	+ 119%
Operating profit	\$588m	\$124m	+ 374%
Net profit	\$330m	\$89m	+ 271%
Basic earnings per share	35.0c	9.4c	+272%
Dividend per share	4.0p	2.0p	+100%
Capital investment <sup>1</sup>	\$648m	\$651m	No change
Cash generated from operations <sup>2</sup>	\$855m	\$367m	+ 133%
Net debt <sup>3</sup>	\$2,609m	\$203m	+1,183%

<sup>&</sup>lt;sup>1</sup> 2011 excludes Nuon acquisition

Record underlying financial results; significantly improved on 2010 with Jubilee first production and higher commodity prices

<sup>&</sup>lt;sup>2</sup> Before working capital movements

<sup>&</sup>lt;sup>3</sup> Including all cash balances

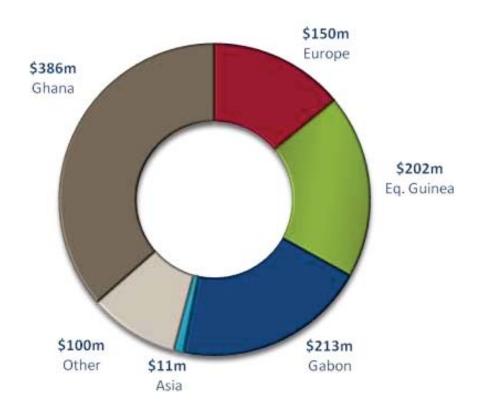
## Net income 1H 2011 v 1H 2010



A significant improvement in Net Income primarily due to higher prices and production volumes partially offset by consequent higher taxes.

## Revenue 1H 2011 vs 1H 2010

1H 2011 - \$1,062m



## 1H 2010 - \$486m



2011 Revenues increased by 119% with new production from the Ghana Jubilee field and higher commodity prices

## TULLOW In §

### Sources and uses of funds

#### Cash inflow \$1,515m

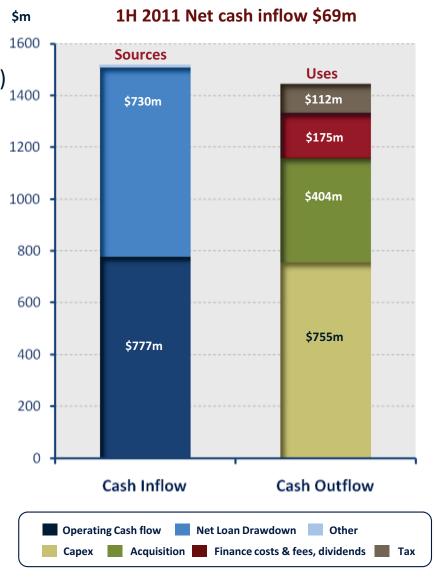
- Operating cash flow \$777m\* (1H 2010:\$317m\*)
- Net loan drawdown \$730m (1H 2010:\$403m)

#### Cash outflow \$1,446m

- Cash Capex \$755m (1H 2010:\$624m)
- Acquisition of Nuon \$404m (1H 2010:nil)
- Finance costs & fees, dividends \$175m (1H 2010:\$129m)
- Cash tax paid \$112m (1H 2010:\$69m)

#### Net cash inflow \$69m

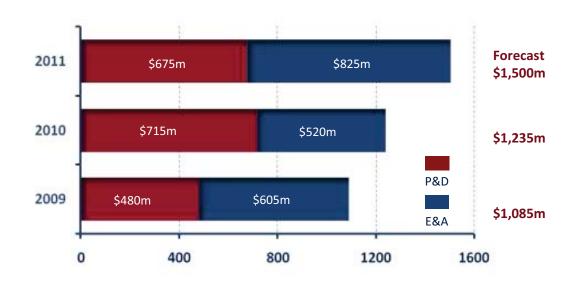
• Increase in cash balances



<sup>\*</sup> After working capital

# TULLOW

## 2011 capital expenditure

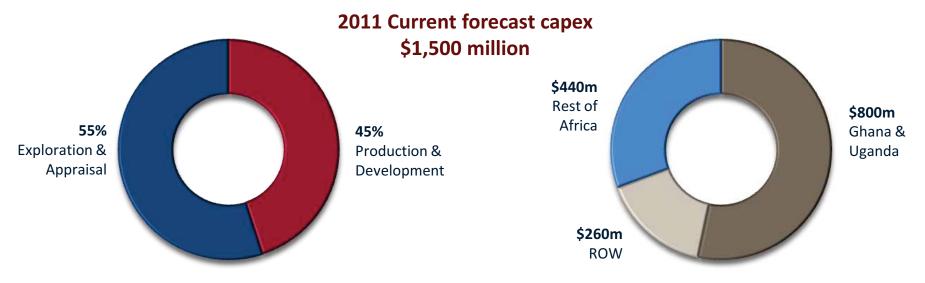


#### • \$1,500m forecast for 2011

- Ghana: Jubilee phase 1a development &
   Enyenra/Tweneboa appraisal & development
- Uganda: Exploration drill out and Lake Albert development
- High-impact exploration: Africa & South America

#### 2011 capital split:

- 45:55 between P&D and E&A
- >50% Ghana & Uganda; >80% Africa



## TULLOW In E

## The next phase of significant growth

#### Consistent and repeatable strategy

- Sustainable long term value growth
- Balance exploration, major projects & funding
- Safety, environment, stakeholders & people

## transforming scale again

Significant value growth proposition;

- High-impact exploration in material campaigns
  - West Africa, East Africa, South America
- Significant development opportunities
  - Existing portfolio Ghana, Uganda...
  - Continuing exploration success
- Seek quality M&A opportunities; manage portfolio

#### Underpinned by financial strategy

- Strong, well funded balance sheet to enable growth
  - Debt and equity funding
  - Portfolio management
- Significant operational cash flow

# Strong Balance Sheet; transformed by Jubilee production and Uganda farm-down

- Enables funding of transformational exploration and development programmes
- Supports commencement of progressive dividend policy

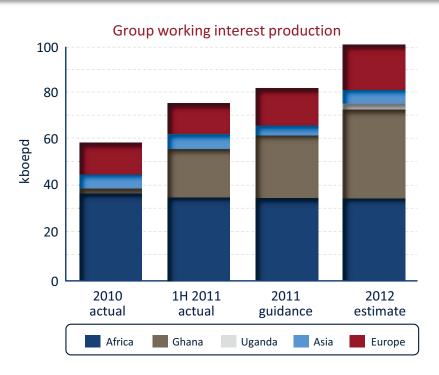


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## Production & Development – Paul McDade

# TULLOW #

## Strong production growth in 2011

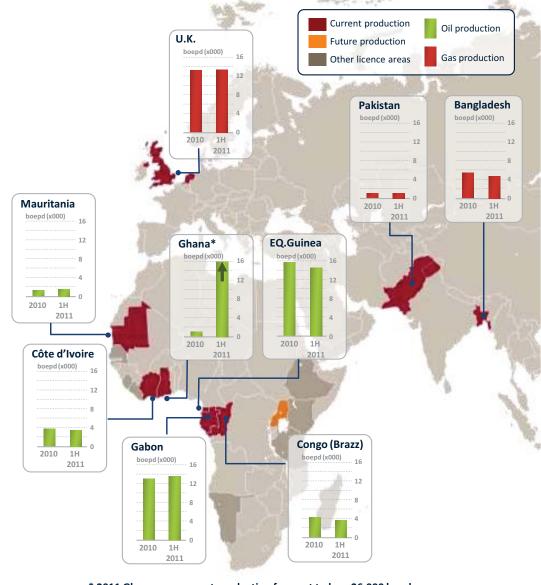


#### Strong 1H 2011 Production - 75,100 boepd

- Strong performance across UK, Africa & Asia
- Jubilee Phase 1 ramp up delayed until year end
- 2011 guidance 82-84k boepd; year end >100k boepd

#### Significant medium term production growth

- 2012 guidance >100k boepd
- Existing asset portfolio has potential of >200k boepd



\* 2011 Ghana average net production forecast to be c.26,000 bopd

## TULLOW I A E

## Jubilee ramp-up ongoing; further developments underway

#### Jubilee Phase 1 continuing to ramp-up

#### • Oil Production:

- 85k bopd increasing to 105k bopd in October
- 120k bopd in November after J07 sidetrack

#### • Injection:

- ~220k bwpd into 5 wells; 1 further well planned
- ~80mmscfd into 1 well; 1 further well planned

#### • Ramp-up delays:

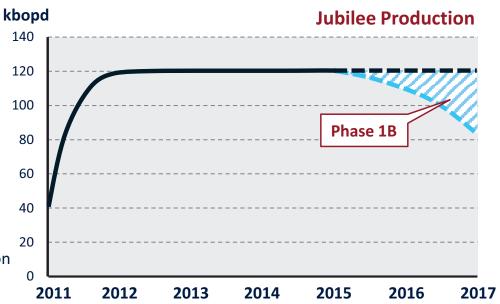
- BOP problems, commissioning delays on water injection
- J01 completion failure, productivity at J07

#### Phase 1A on track

- 8 additional wells (producers & injectors) planned
- Sanction 4Q 2011; to commence in 1H 2012
- Sedco Energy rig and long lead items secured

#### Further development options under review

- Teak 2 and Jubilee performance will influence Jubilee Phase 1B
- Mah. East & Teak-1 appraisal will guide development concept
- Developments being managed in an integrated manner







## Enyenra & Tweneboa - on track for sanction in 1H 2012

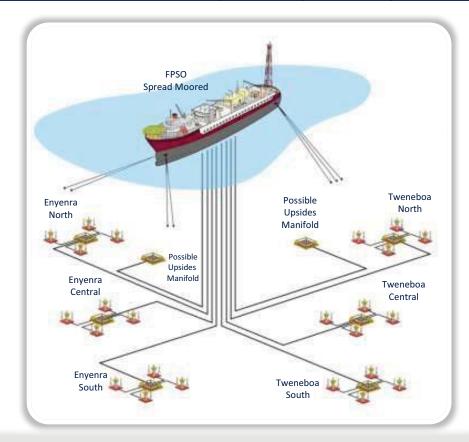
#### Appraisal and testing being progressed

- Appraisal drilling success at Tweneboa-4
- Successful DST's completed
  - **Tweneboa-2**: 6,500 bopd
  - Tweneboa-4: 30 mmscfd & 3,500 bcpd
- Further Enyenra appraisal drilling underway

#### **Development on track for sanction 1H 2012**

- FPSO/subsea concept selected for combined Enyenra/ Tweneboa development
- Combined liquid production 75 125,000 bopd
- Gas utilised for gas cycling and export
- FPSO and subsea FEED studies to commence Sept 2011
- Declaration of Commerciality end 2011
- Submission of Plan of Development 1H 2012
- First oil ~2.5 years post Project Sanction

	Resources		
	P90	P50	P10
Enyenra oil (mmbo)	100	200	550
Tweneboa hydrocarbons (incl Enyenra gas condensate - mmboe)	100	200	650



## Uganda - High levels of activity

#### **Memorandum of Understanding (MOU)**

- Tullow signed a MOU with the Government of Uganda (GoU) on 15 March
- The Sale and Purchase Agreements (SPAs) for the farm down were signed on 29 March
- Agreements provided a clear process to resolve the outstanding issues

#### **Completion of farm-down to CNOOC and Total**

- Partners in final stages of the farmout completion process; expected to complete during September
- Outstanding matters:
  - New PSAs agreed; GoU to complete its formal approval process
  - Finalisation of the Kingfisher Licence
- New licence periods agreed; six months for EA-3A (Kanyawataba) and one year for EA-1

#### Partnership poised for delivery

- Operating framework and JV structure agreed
- Tullow: CNOOC: Total three-way partnership creates alignment
- Operatorship defined; Total EA-1, Tullow EA-2 and CNOOC EA-3
- Transition for handover of operatorship of EA-1 and EA-3 on track for mid Sept 2011
- Partnership building organisational capacity and structures for major development
- Engaging with Government on integrated development plans

## Uganda - Preparing for the future

#### High level of current activity

#### **Exploration and Appraisal drilling & testing**

- Major development 3D seismic acquisition ongoing
- 3 Rigs currently progressing E&A activity
- 4th rig to drill the Kanyawataba prospect in Block 3
- Well testing about to commence on the Kigogole field

#### Early developments to supply Power and Crude

- GoU approval to supply test crude to local industry
- Nzizi Gas to support Integrated Power Project (IPP)
- M'Puta/Nzizi/Waraga fields; development candidates for crude supply

#### **Basin development planning**

#### Refinery to meet Uganda's needs

- Partnership supporting GoU to develop a refinery proposal
- ~20 kbopd refinery to serve domestic and regional markets
- Expandable to manage future product demand
- Refinery to be supplied by EA-2 fields and Kingfisher

#### **Export Pipeline**

- Pursuing options to maximise value/revenue to Uganda
- · Partnership planning and feasibility group reviewing options



## TULLOW I n E

## Africa - sustaining mature production

#### **Infill Programmes Identified and Underway**

#### • Gabon:

- Reserve replacement of ~200% in 1H 2011
- Participation in >50 wells
- Similar activity level planned for 2012 / 13 with further opportunities identified

#### • Equatorial Guinea:

- 4-D time lapse seismic completed
- 10+ infill wells in Ceiba & Okume fields
- Multiple rig programme to start 4Q 2011

#### • Côte d'Ivoire:

- Espoir Phase 3 includes ~10 infill wells
- Drilling to start in 2012

#### **Developments under Review**

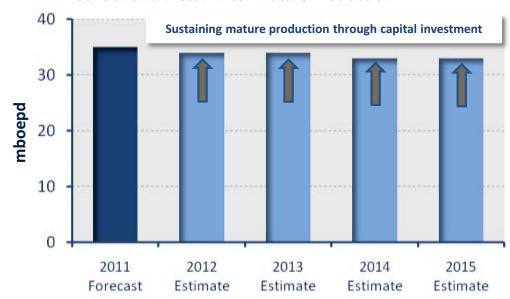
#### • Namibia:

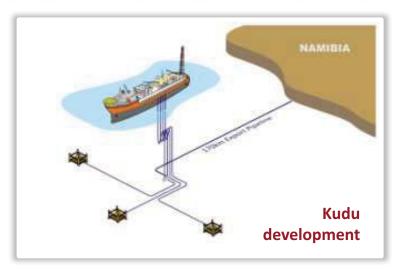
- Kudu commercial agreements close to finalisation
- Expect to initiate FEED 4Q 2011

#### Mauritania

 Banda oil rim & gas to power developments under review

#### **Central and West Africa Mature Production**





## TULLOW In E

## Europe and Asia

#### Nuon

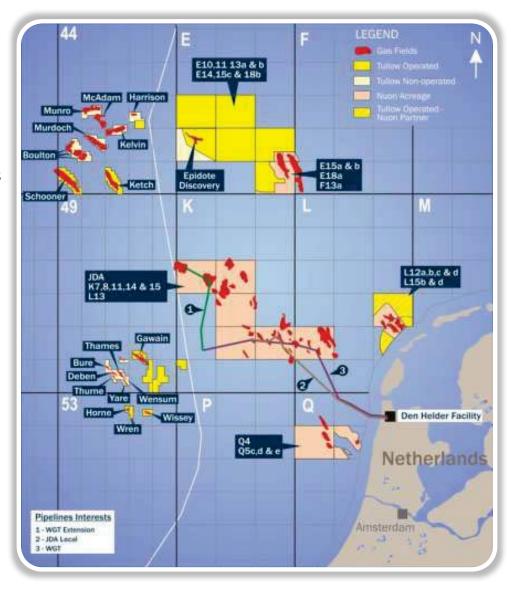
- Acquisition of Netherlands based Nuon E&P BV
- Deal completed on 30th June 2011; cash consideration €300m
- Production set to increase with new developments Q4'11 and 2012
- Focussing on Tullow's exploration and development skills to influence current operators

#### UK

- Production portfolio continues to perform
- Harrison development sanctioned
- Ketch infill well to spud Q3'11

#### **Asia**

- Bangora production remains on plateau
- Compression project planned for 2012



# TULLOW #

## Developments to deliver production growth

- Jubilee plateau of 120,000 bopd by year-end
- Investment planned to sustain mature assets
- Development portfolio being progressed
  - Jubilee Phase 1A
  - Enyenra/Tweneboa
  - Uganda
  - Kudu
  - Banda
- Existing portfolio can deliver in excess of 200,000 boepd

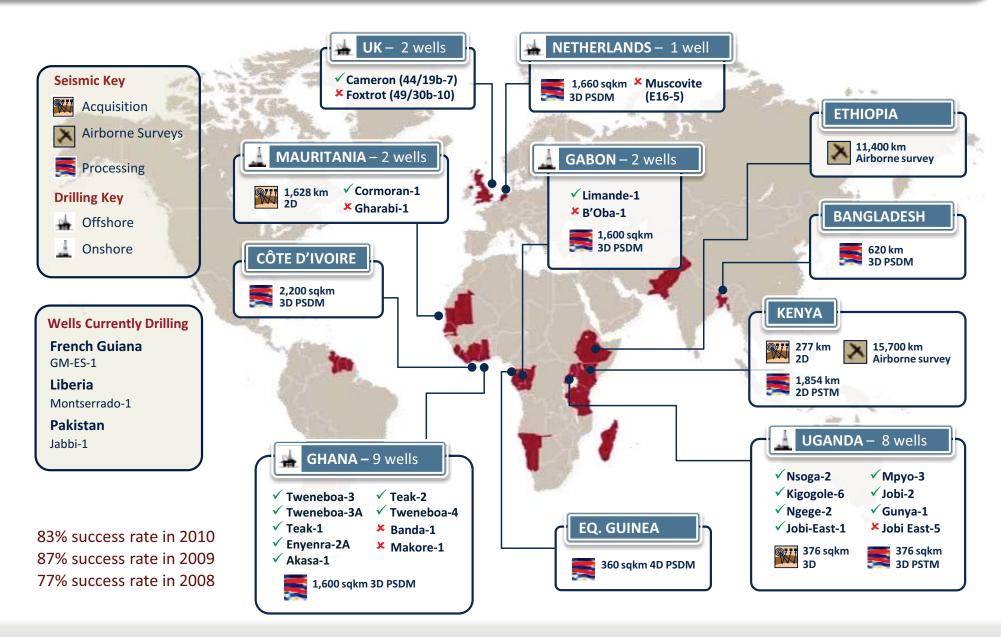


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## **Exploration and Appraisal** – Angus McCoss

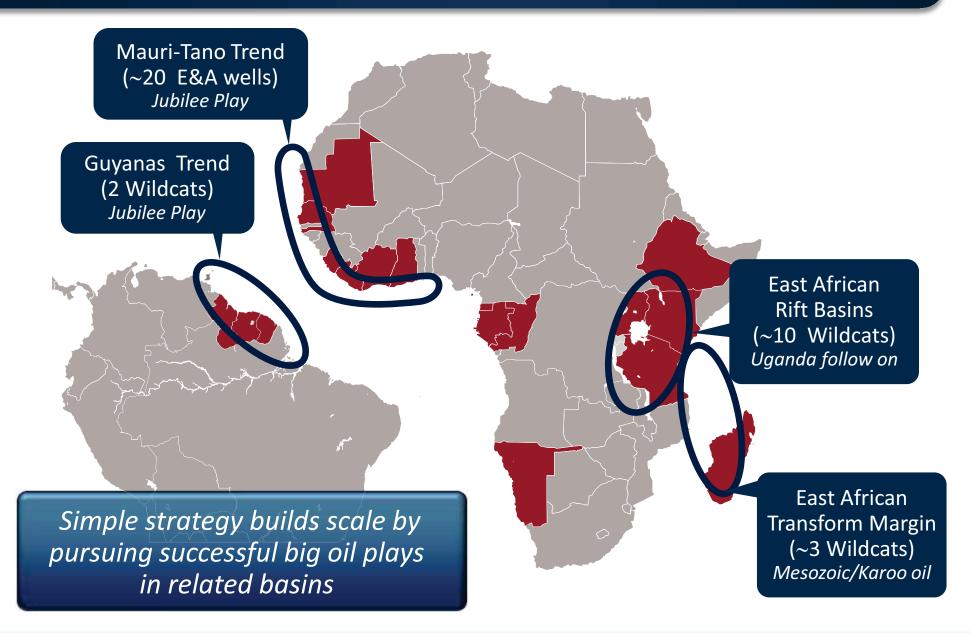
## TULLOW In §

## 71% global E&A ratio to date 1H 2011



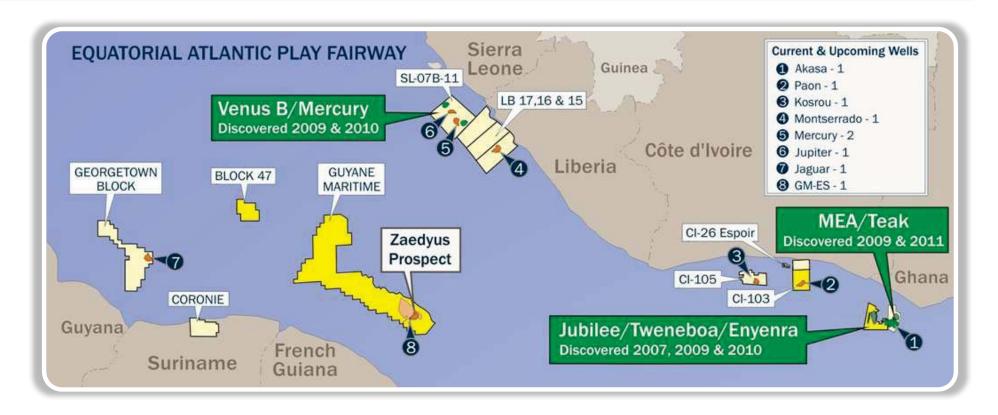


## Exploration campaigns gather momentum over next 12 months





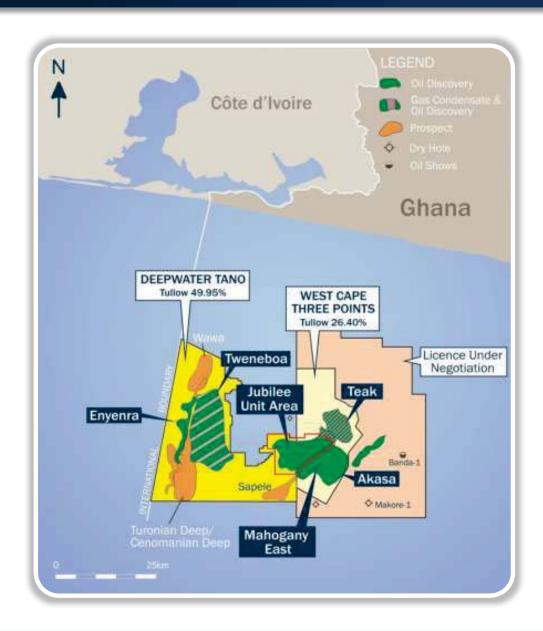
## Equatorial Atlantic campaigns extending Jubilee play



- Prospective turbidites imaged in high-quality 3D seismic across Tullow's Equatorial Atlantic acreage
- Jubilee play confirmed through successful E&A wells in Ghana & Sierra Leone (83% success ratio, 24/29)
- High impact wildcat campaigns under way offshore in the Guyanas Trend & Liberian Basin

# TULLOW #

## Ghana E&A campaign continues to deliver results



#### Six fields discovered since 2007

• 85% success ratio in E&A campaign (22/26)

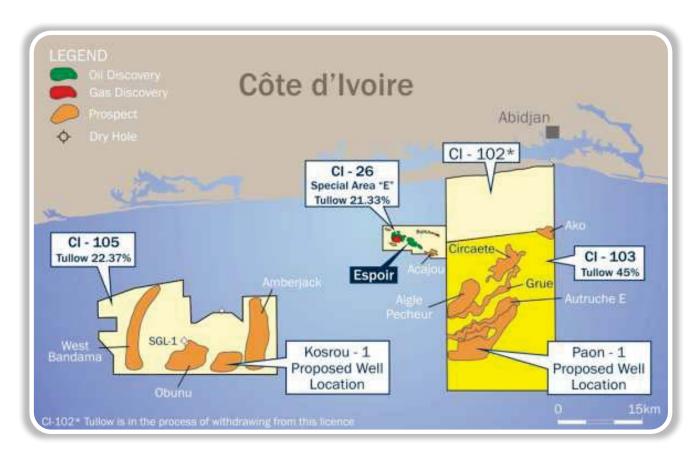
#### West Cape Three Points

- Licence drill out achieved
- Eastern area relinquished, new licence being negotiated
- Teak-1 makes important discovery in 5 reservoirs
- Teak-2 extends Jubilee up to Teak
- Banda-1 encounters oil in new Cenomanian play
- Makore-1 water bearing
- Akasa-1 light oil discovery

#### **Deepwater Tano**

- Enyenra-2 confirms major oil field
- Tweneboa-3 finds rich gas condensate in Ntomme
- Tweneboa-4 appraisal well successful
- Enyenra appraisal ongoing, far up-dip & down-dip
- Enyenra & Tweneboa testing ongoing
- 2012 wildcat candidates: Turonian Deep, Cenomanian Deep, Sapele, Wawa

## Côte d'Ivoire - Jubilee follow-up prospects ready to drill



## Ready to extend Ghana success to western part of same basin

- High quality 3D seismic covers acreage
- Valuable tie to South Grand Lahou well
- Large Late Cretaceous fans mapped
- Multiple prospects matured for drilling

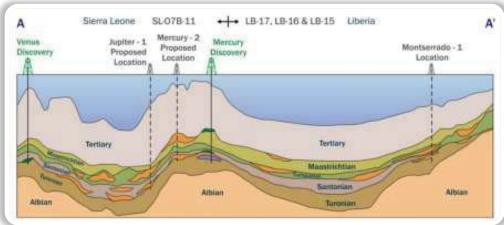
#### Wildcats to spud imminently

- Kosrou-1 in Cl-105 in Q4 2011
- Paon-1 in Cl-103 in Q1 2012

## TULLOW In E

## Liberian basin campaign commences with Montserrado well





#### Further extending the Jubilee play

- Leveraging breakthrough discoveries at Venus-1 (2009) & Mercury-1 (2010)
- 10,000 sq km of high quality 3D data reveals rich inventory of Late Cretaceous turbidite prospects

#### Major wildcat well drilling in Liberia

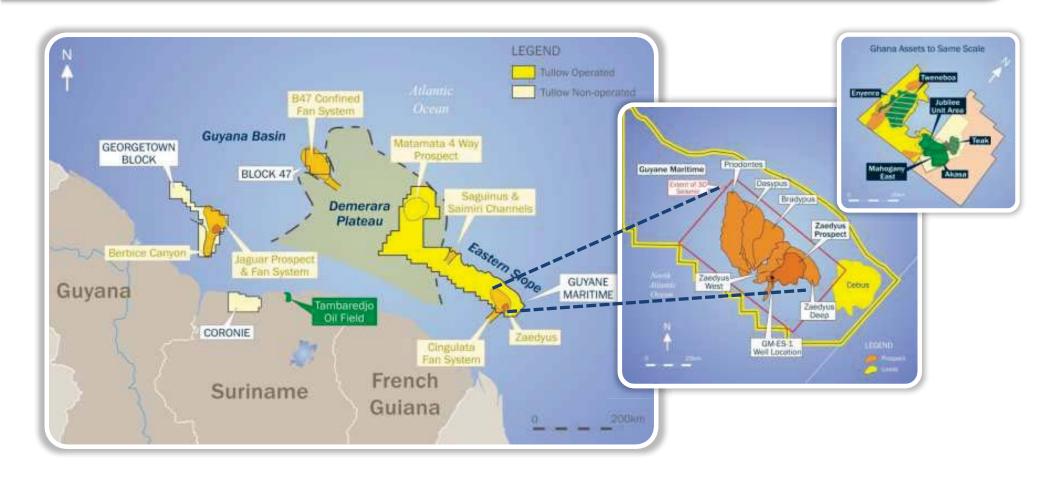
- Montserrado-1 currently drilling near apex of a very material Late Cretaceous fan system
- Results expected in September
- Significant follow up potential

#### Sierra Leone appraisal & wildcat wells

- Jupiter-1 exploration well to target Campanian and Turonian age objectives (Q3 2011)
- Mercury-2 appraisal well targeting fairway of the Turonian discovery (Q4 2011)



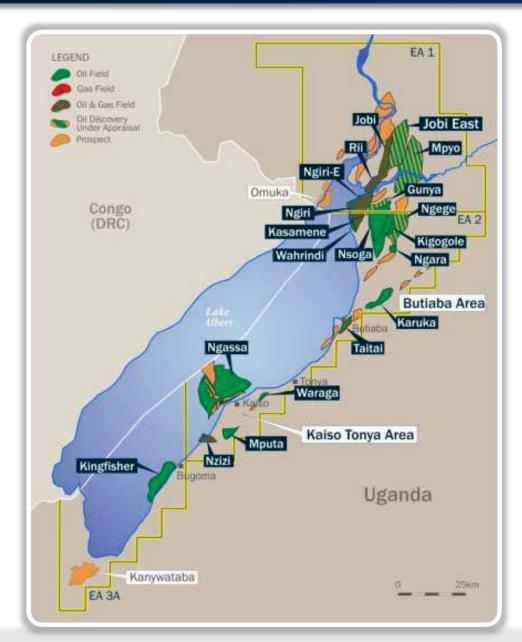
## Three major fan systems being explored in Guyanas Trend



- Cingulata Fan System offshore French Guiana being tested by strategic Zaedyus wildcat (GM-ES-1)
- Deep wildcat to target the Jaguar Fan System in Guyana spudding October 2011
- 3D seismic planned for large Goliathberg & Voltzberg leads within B47 Fan System offshore Suriname

## τυιιοψ Ιπιε

## Uganda - Lake Albert Rift Basin E&A success continues



#### Major oil basin

- >1.1 billion barrels discovered (P50)
- 1.4 billion barrels yet to find (P50)

## High success continues through technical excellence

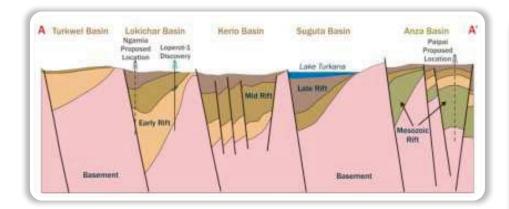
- 96% E&A success ratio (43/45)
- High quality 2D seismic & FTG unlock basin potential
- 3D seismic being acquired and processed for field developments

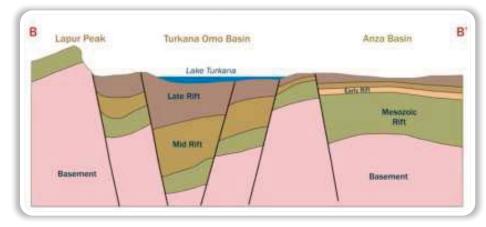
#### Multiple E&A activities

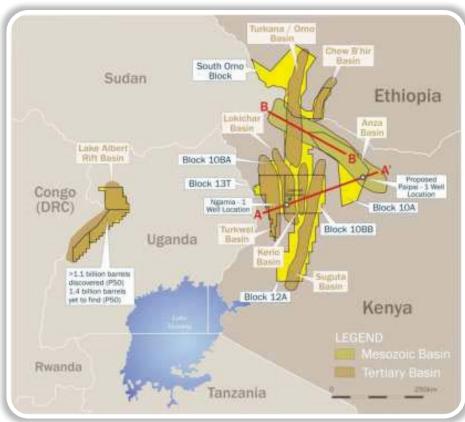
- E&A ongoing in EA1 around giant Jobi-Rii oil field
- Waraga appraisal for accelerated development
- Kanywataba prospect to be drilled Q4 2011
- West of Nile frontier cascade to start with Omuka-1 in January



## Kenya & Ethiopia exploration campaign under way







- FTG acquisition substantially completed revealing seven basins similar to the Lake Albert Rift Basin
- Ngamia-1 wildcat to spud in Lokichar Basin in Block 10BB in Q4 2011
- Paipai-1 wildcat candidate for spudding in Anza Basin in Block 10A in Q1 2012
- Seismic data acquisition & processing underway, delivering scores of leads for 2012, 2013 and beyond



## 12 month Exploration and Appraisal programme

Country	Block	<b>Drilling Candidates</b>	Interest	Gross upside*	Spud Date
Ghana	Deepwater Tano	Tweneboa-4 DST	49.95% (op)	650 mmboe**	In progress
	Deepwater Tano	Enyenra-3A	49.95% (op)	550 mmbo**	In progress
	Deepwater Tano	Owo-1R	49.95% (op)	550 mmbo**	2H 2011
	Deepwater Tano	Enyenra-DST	49.95% (op)	550 mmbo**	2H 2011
	Deepwater Tano	Enyenra-4A	49.95% (op)	550 mmbo**	Q4 2011
	Deepwater Tano	Ntomme-2A	49.95% (op)	20 mmboe	Q1 2012
	Deepwater Tano	Sapele-1	49.95% (op)	160 mmbo	Q2 2012
	Deepwater Tano	Turonian/Cenomanian Deep	49.95% (op)	320 mmbo	Q2 2012
	West Cape Three Points	Cedrella-1 (Southern 4-way)	26.40%	50 mmboe	Q4 2011
	West Cape Three Points	Teak-3	26.40%	250 mmboe **	Q4 2011
	West Cape Three Points	Teak-4	26.40%	250 mmboe **	Q3 2012
Sierra Leone	SL-07B-11	Jupiter-1	20%	250 mmboe	Q3 2011
	SL-07B-11	Mercury-2	20%	340 mmboe **	Q4 2011
	SL-07B-11	Io	20%	525 mmbo	Q3 2012
Liberia	LB - 15	Montserrado -1	25%	650 mmboe	In progress
	LB-15/16/17	Strontium	25%	450 mmbo	Q2 2012
Côte d'Ivoire	CI-103	Paon-1	45% (op)	420 mmboe	Q1 2012
	CI-105	Kosrou-1	22.37%	550 mmboe	Q4 2011
Mauritania	Various	Various	Various	700+ mmbo	Q3 2012

<sup>\*</sup> Estimated P10

<sup>\*\*</sup> Includes discovered and prospective volumes



## 12 month Exploration and Appraisal programme (cont.)

Country	Block	<b>Drilling Candidates</b>	Interest	Gross upside*	Spud Date
	EA-1	Jobi-East-2	33.33% (op)	50 mmbo	Q3 2011
	EA-3A	Kanywataba	33.33% (op)	220 mmbo	Q4 2011
	EA-1	Omuka-A	33.33% (op)	150 mmbo	Q1 2012
Uganda	EA-1	Raa-A	33.33% (op)	210 mmbo	Q2 2012
	EA-2	Mparaki	33.33% (op)	35 mmboe	Q2 2012
	Various	Various E&A	33.33% (op)	300 mmboe	In progress
	10BB	Ngamia -1	50% (op)	85 mmboe	Q4 2011
W	10BB	Mbango	50% (op)	30 mmboe	Q2 2012
Kenya	10A	Paipai -1	50% (op)	230 mmboe	Q1 2012
	L8	Mbawa	15% + 5%##	500 mmboe	Q3 2012
Ethiopia	South Omo	Nyami	50%	100 mmboe	Q3 2012
Madagascar	Block 3111	Berenty	100% (op)	210 mmbo	Q3 2012
Tanzania	Mtwara	Ntorya-1	50% (op)	80 mmboe	Q4 2011
	Ogueyi	Nkongono	20%	80 mmbo	Q3 2011
Gabon	Kiarsseny	Gnondo	52.78%	130 mmbo	Q2 2012
	Nziembou	Ngove	40%	30 mmbo	Q1 2012
F 16:	Guyane Maritime	Zaedyus	27.5% (op)#	700 mmbo	In Progress
French Guiana	Guyane Maritime	Bradypus	27.5% (op)#	700 mmbo	Q3 2012
Guyana	Georgetown	Jaguar-1	30%	700 mmboe	Q3 2011
Suriname	Coronie	5 well campaign	40%	200 mmbo	Q3 2011
Pakistan	Kohat	Jabbi -1	40%	60 mmboe	In progress
The Methodes !	E11	Vincent	30%	35 mmboe	Q3 2012
The Netherlands	E15c	Seahorse	20%	50 mmboe	Q3 2012

<sup>\*</sup> Estimated P10 # Tullow will have a 27.5% interest once Shell receive Government consents for their additional interest



Tullow Oil plc – 2011 half-yearly results

# Conclusions – Aidan Heavey

# TULLOW E

## Positioned to deliver significant future growth

- Record cash generation transforms balance sheet in 2011
- Dividend doubled reflecting robust cash flow
- Continuing to build sector-leading exploration positions
- Key frontier exploration well results imminent
- Progressing portfolio of major developments



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