Lundin Petroleum Capital Market Day

3 February 2016





Lundin Petroleum Capital Market Day Agenda

- 1. Introduction
- 2. Corporate Overview
 - Production
 - Reserves and Resources
 - Capital Expenditure and 2016 Work Programme
 - Financials and Funding

Break

- 3. Norway Overview
 - Norway Development Projects
 - Norway Exploration
- 4. Malaysia Overview
- 5. Other Assets
- 6. Conclusion

Alex Schneiter - President and CEO

Nick Walker - Chief Operating Officer Nick Walker - Chief Operating Officer Teitur Poulsen - VP Corporate Planning Mike Nicholson - Chief Financial Officer

Kristin Færøvik - Managing Director, Lundin Norway Kristin Færøvik - Managing Director, Lundin Norway/ Per Øyvind Seljebotn - Reservoir Development Manager Halvor Jahre - Exploration Manager, Lundin Norway Nick Walker - Chief Operating Officer Nick Walker - Chief Operating Officer Alex Schneiter - President and CEO

Introduction

and the

Capital Market Day, 3 February 2016





Lundin Petroleum Strategy

Grow production at low cost

- → 2016 guidance 60,000 70,000 boepd at below USD 10/boe operating costs
- >150,000 boepd when Johan Sverdrup on full-field plateau
 > Operating costs at significantly below USD 10/boe

Continue to pursue an organic growth strategy

- → Finding cost in Norway of USD 0.7/boe advantageous to M&A
- → Four existing discoveries (Alta, Gotha, Luno II and Rolvsnes)
 - feasibility studies ongoing
- >Expenditure on organic growth is substantially discretionary
 - financial flexibility at lower oil prices
- Retain geographical focus on Norway and Malaysia
- Continue strong focus on cost discipline and operating efficiency



Lundin Petroleum **Financial Flexibility**

- ▶ Reserve base lending (RBL) remains core to our funding. USD 5 billion RBL accordion signed
- ▶ Robust balance sheet with liquidity headroom of MUSD 760 (RBL + exploration refund facility)
- Access to additional liquidity of MUSD 900
 - → RBL accordion option (MUSD 700)
 - → Bertam FPSO sale (MUSD 200)
- ▶ Generating post-tax operating cashflow of USD 25–40/boe at USD 30–50/bbl Brent oil price
- No cash-taxes payable in Norway at USD 60/bbl Brent until Johan Sverdrup first oil

Lundin Petroleum Resources

Over 1 billion barrels of 2P reserves + contingent resources → 2P reserves of 685 MMboe with 96% oil and 98% in OECD countries → High quality oil selling at close to Brent parity

▶ R/P ratio ~30 based on 2016 production guidance

Discovered 830 MMboe of commercial resources in Norway since inception Continue to generate exploration opportunities in Norway through high-grading of acreage → Applied for high-quality acreage in Norway 23rd Licensing round in southern Barents Sea

Lundin Petroleum Developments

■ Johan Sverdrup development a cornerstone for Lundin Petroleum's valuation and financial flexibility

→ Full field capex of USD~11/boe

→ Full field opex of USD~5/boe — lower at plateau

→Reduced capex has significantly lowered the breakeven oil price

Developed and brought onstream 4 new fields over last 14 months >Edvard Grieg reserves upgrade and production outperformance to date →New infrastructure leading to low operating and maintenance costs

Continue to invest in high return infill drilling opportunities in Alvheim area



Lundin Petroleum Adjustment for Market Conditions

Reduced discretionary spend to a minimum and focused spend on ongoing developments and operations

E&A programme

→Maintain strategic activity in Southern Barents Sea, Utsira High and Sabah, Malaysia →Reduced spend by 65% over 2015

Continued focus on reducing cost of operations to reflect market conditions

- →Re-negotiating/re-tendering all contracts
- → Achieving savings 20-65%
- → Johan Sverdrup PDO cost reduction for Phase 1¹ NOK 123 Bn to NOK 108.5 Bn, full field² NOK 170 – 220 Bn to NOK 160 – 190 Bn

Flexible manpower contracting strategy

- → Organisation size reduced by 30%
- G&A reduced by 35%

¹ USD : NOK 6.0 and nominal ² USD : NOK 6.0 and real 2016

Corporate Responsibility In Practice

Promoting responsible business conduct through

- → Employee awareness
- →Internal processes
- Contractor management
- Stakeholder engagement
- Supporting international initiatives on Human Rights, Anti-Corruption and Climate Change

Rated as **Outperformer in the Sector** by Sustainalytics



WE SUPPORT





Corporate Responsibility Health, Safety and Environment Performance

Three operated projects executed in the last year

Personnel safety
No serious incidents

⇒ Focus on continuous improvement

Process safety
No serious incidents

Environmental footprint
No recordable oil spill

⇒ Focus on energy efficiency

Strong HSE Performance

Corporate Overview Production

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Lundin Petroleum 2015 Production



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2015 Production

Lundin Petroleum January 2016 Average Production: 64,000 boepd Net



Lundin Petroleum **2016** Production Guidance

- ≥ 2016 production guidance: 60 70,000 boepd
- ▶ Production guidance reflects the ramp up of Edvard Grieg





Other existing contingent and prospective resources not included in production forecast

150,000 boepd

2023

⁽¹⁾ Excluding divested assets (Russia)

...

Norway - Greater Alvheim Area 2015 Net Production 14,800 boepd

- Continued strong operating (uptime 94%) and subsurface performance
- ▶ Low cost of operations < 6 USD/boe
- ➢ Viper/Kobra project progressing to plan
- Portfolio of good in-fill drilling opportunities supported by 4D seismic
- New rig contract awarded for 4 wells from December 2016



	WI	2P reserves (MMboe net) ⁽¹⁾
n	15%	17.9
	35%	9.6
	15%	2.4

Norway – Greater Alvheim Area **Continued Sub-Surface Success**

- ▶ 2015 Wells
 - \rightarrow L4 1,500 bopd gross
 - \rightarrow Kneler KA5 4,400 bopd gross
- ≥ 2016 Wells/Projects
 - → Boa Kam North first oil June 2016
 - 2 successful pilots set-up future infill wells
 - 3 branch producer with 5,600 metres net pay
 - → Viper/Kobra Fields first oil December 2016
 - Tie-back via Volund
- ▶ 2017 Wells
 - → 2 Volund infill wells
 - → 1 Alvheim attic well
 - → Volund West exploration



Viper / Kobra



Norway – Brynhild (WI 90%) 2015 Net Production 4,200 boepd

- Haewene Brim FPSO performance improving
 - > Water handling constraints resolved
 - Integrity issues being resolved
 - > Water injection commenced remains a challenge
- Facilities uptime expectations reduced
- Reservoir performance indicates reduced connected volumes
 - → Gross ultimate 2P reserves reduced to 7.4 MMboe
- Production forecast reflects these issues





Norway – Edvard Grieg (WI 50%) Production Commenced - Well Potential >90,000 boepd gross

	Edvard	Grieg actual
Strong initial facilities and reservoir performance		
 3 wells on line – total well capacity >90,000 boepd > Significantly exceeds PDO expectation 	100,000	
Better reservoir performance	80,000—	Avera
Facilities uptime outperforming – 95% to date Anticipated to take 6 month to build to this level	р 60,000 — Ф ө од	Avera
As per reservoir management plan, initial 2016 rates held below well potential until sufficient water injection available	¥ 40,000	OP1 online
Plateau production of 100,000 boepd expected 2H 2016	20,000 —	
	0	_11,11,11,11,11,11,11,1

gross production (boepd)

Facility capacity: 100,000 boepd¹



¹ Edvard Grieg capacity within the topsides facility

Malaysia - Bertam (WI 75%) 2015 Net Production 5,480 boepd

- ▶ Strong facilities performance 98% uptime
- ▶ Initially planned drilling programme complete
- ► A15 infill well drilling Q2
- Good reservoir performance decline slower than expected
- Cost of operations < 7 USD/bbl (excluding FPSO)</p> lease cost)





2015

Corporate Overview Reserves and Resources

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2P Reserves 31 December 2015

Total 685.3 MMboe



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Norway \Rightarrow 95% of total reserves

2P Reserves Changes



- Brynhild negative revision

WF12164 p02 01.16

2P Reserves History



Excluding discontinued operations

Contingent Resources 31 December 2015

- Luno II North discovery 12 26 MMboe gross Contingent Resources
- Rolvsnes oil discovery 3 16 MMboe gross Contingent Resources. Including prospective upside potential total gross resources range of 10 – 46 MMboe
- Alta resource range unchanged





Numbers in chart may not add up due to rounding

Contingent Resources Changes





2016 Remaining Prospective Resources







Risked

Unrisked

Target Risked ~87 MMboe

¹ Excludes completed Bambazon well

Drilling Schedule 2016

		Well		LUPE				
Country	Licence - Prospect	type	Operator	WI %	NUPR ⁽¹⁾	CoGS ⁽²⁾	NRPR ⁽³⁾	Q1
1 Norway	PL544 - Fosen	exp	Lundin	40.00	77	22%	17	0
2 Norway	PL609 - Alta-3 test	app	Lundin	40.00	_	_	_	
3 Norway	PL609 - Neiden re-entry	exp	Lundin	40.00	82	30%	25	
4 Norway	PL533 - Filicudi	exp	Lundin	35.00	91	25%	23	
5 Malaysia	SB307/308 - Maligan	exp	Lundin	65.00	72	32%	23	Ongoing
6 Norway	Alvheim Hub	dev	Det Norske	15-35	—		_	Ongoing
7 Norway	PL338 - Edvard Grieg	dev	Lundin	50.00	—	—	—	Ongoing
8 Norway	JS Unit - Johan Sverdrup	o dev	Statoil	22.60	—		—	
9 Malaysia	PM307 - Bertam A15	dev	Lundin	75.00	_	_	_	

⁽¹⁾ Net Unrisked Prospective Resources (MMboe)
 ⁽²⁾ Chance of Geological Success
 ⁽³⁾ Net Risked Prospective Resources (MMboe)



Corporate Overview Expenditure and 2016 Work Programme

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2015/2016 **Capital Expenditure**

≥ 2015 Guidance vs Actual ⇒ 16% reduction on guidance



2,000 2,000 1,800 1,800 1,600 1,600 -16% 1,400 1,400 Million USD -26% 1,200 1,000 1,000 800 800 600 600 400 400 200 200 0 0 Guidance Actual Guidance

2015

2016

⇒ 26% reduction on 2015 capital expenditure



Lundin Petroleum 2015 Development Activity

Norway - USD 880 million

Edvard Grieg

- Topside Construction and Installation
- Pipeline Installation
- Development Drilling

Johan Sverdrup

- Subsea drilling template
- Jacket & Topside construction

Ivar Aasen

- Jacket Installation
- Development Drilling
- Topside Construction

Brynhild

- Development Drilling 2 wells
- Water injection facilities

Bøyla

- Development Drilling 1 well
- Marine Installations

Alvheim

- 2 development wells completed

France / Netherlands USD 20 million

Malaysia USD 160 million

- Bertam drilling
- Installation
- Bertam FPSO

2015 Development: 1,060 MUSD

2015 Development: 1,060 MUSD Continental Europe, 20 Malaysia, 160 Norway, 880

CAPEX 2015 Guidance vs Actual



Million USD

Lundin Petroleum 2016 Development Activity



- 1 development well

2016 Budget: 936 MUSD

2016 Budget: 936 MUSD

2016 Budget: 936 MUSD				
➡ Drilling	248			
→ Facilities	672			
Other	16			

2016 **Exploration & Appraisal Activity**



2016 Budget: 145 MUSD

5 exploration wells in 2016⁽¹⁾

Targeting net unrisked resources of 320 MMboe⁽²⁾

Corporate Overview Financials and Funding

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Funding Status and Guidance Cash Flow Generation

Production set to double in 2016

- Low cash operating costs (<10 USD/boe); no cash taxes in Norway
- Strong cash flow generation down to very low oil prices


2016 Forecast Netback (USD/boe)

		Forecast 2016		Actual 2015
Average Brent oil price USD/boe	30.00	40.00	50.00	52.39
Revenue	31.70	40.65	49.55	48.28
Cost of operations- Base - ProjectsTariff & transportation- ProjectsProduction taxes- NotesInventory movements- Other	-6.60 -1.00 -1.50 -0.15 -0.30 -0.85	-6.60 -1.00 -1.50 -0.15 -0.30 -0.85	-6.60 -1.00 -1.50 -0.15 -0.30 -0.85	-8.71 -1.56 -1.00 -0.29 1.07 -2.25
Cash Margin Netback	21.30	30.25	39.15	35.54

Production guidance 60,000 – 70,000 boepd

2016 Forecast Cost of Operations (including projects)



⁽¹⁾FPSO sale completion assumed end Q116 ⁽²⁾Indonesia sale completion assumed 1 Jan 2016

2016 Forecast Cost of Operations – Quarterly



Note: FPSO sale completion assumed end Q116 and Indonesia sale completion assumed

Includ Base (Includ Base	•
	USD/boe
	11
	10
	9 USD 9.10/boe
	7 USD 6.60/boe 5
Q4 2016 Forecast ed 1 Jan 2016	4



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2016 Forecast Tax

		Forecas 2016
Average Brent oil price USD/boe	30.00	40.00
Current tax credit Deferred tax credit/charge	-3.65 -0.70	-3.65 5.25
Total	-4.35	1.60



Norway Tax Value

VSD 2 billion⁽¹⁾ of tax assets in Norway



2016 Forecast Profit Netback (USD/boe)

		Forecast 2016	
Average Brent oil price USD/boe	30.00	40.00	50.00
Cash Margin	21.30	30.25	39.15
Depletion/Depreciation G&A Financial items, net	-18.95 -1.15 -8.60	-18.95 -1.15 -8.50	-18.95 -1.15 -8.40
Profit/loss Before Tax	-7.40	1.65	10.65
Tax	4.35	-1.60	-7.50
Profit/loss After Tax	-3.05	0.05	3.15

2016 Forecast EBITDA Netback (USD/boe)

		Forecas 2016		
Average Brent oil price USD/boe	30.00	40.00		
Cash Margin Netback General & Administration ⁽¹⁾	21.30 -1.00	30.25 -1.00		
EBITDA Netback	20.30	29.25		



2016 Forecast Operating Cash Flow Netback (USD/boe)

		Forecas 2016
Average Brent oil price USD/boe	30.00	40.00
Cash Margin Netback Cash Taxes	21.30 3.65	30.25 3.65
Operating Cash Flow Netback	24.95	33.90

Strong cash flow generation down to USD 30/boe



Funding Status and Guidance Liquidity and Balance Sheet

- Robust balance sheet with strong access to liquidity
- Reserve based lending remains core to our funding: → USD 5.0 billion accordion signed
- Exploration refund facility
 - Secured against 2015 cash tax credit receivable December 2016: MUSD 250 facility size
- Bertam FPSO sale
 - Infrastructure asset not linked to oil prices non core activity
 - → Releases additional liquidity in 2016: MUSD 200
- No other debt instruments in the capital structure (full optionality)

Year End 2015 Liquidity – RBL

- New 7 year facility signed
- Supported by 23 international banks
- USD 5.0 billion accordion facility
- Johan Sverdrup included as a borrowing base asset
- Initial commitments > USD 4.3 billion
- Optionality to bring in additional commitments
- Designed to fund Johan Sverdrup through to first oil
- **5** year grace period (no amortisation)
- Attractive margin: 315 bps
- More flexible covenant package to reflect growth profile





2016 Forecast Funding & Liquidity (USD/boe)

	F	Forecast 201	6	
Brent oil price (USD)	30.00	40.00	50.00	
Operating Cash Flow Netback	24.95	33.90	39.65	
Cash, General & Administrative / Financial Items	-8.70	-8.55	-8.40	
Cash Flow Available for Investment	16.25	25.35	31.25	
Development Capex	39.75	39.75	39.75	
Exploration & Appraisal Capex	6.20	6.20	6.20	
	45.95	45.95	45.95	
Funding Requirement	29.70	20.60	14.70	
Available RBL	18.80	18.80	18.80	
Norway Exploration Refund	11.25	11.25	11.25	
Committed Financing	30.05	30.05	30.05	
FPSO Sale	8.50	8.50	8.50	
RBL Accordion	29.75	29.75	29.75	
Committed/Optional Financing	68.30	68.30	68.30	

MUSD

935

145

Funding Status and Guidance Liquidity and Balance Sheet

Strong cash flow generation at very low prices

Enhanced liquidity position with 760 MUSD of committed liquidity headroom

Options to increase by a further 900 MUSD through RBL accordion and FPSO sale

Full optionality to utilise additional debt instruments

Norway Overview

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Norway Strategy

- Focus on organic growth
- 2 key areas for exploration
 - > Utsira High
 - Southern Barents Sea
- 3 key areas for development/production
 - Alvheim Area: 3 fields
 - → Utsira High: E. Grieg, Luno II, J. Sverdrup
 - > Loppa High: Alta/Gohta



Barents Sea Loppa High Southern Barents Sea Area Norwegian Sea 🖌 Norway Utsira High Area

Norway An Organic Growth Success Story







Norway Utsira High Resources and Upside Potential

- ▶ Lundin Petroleum major operated acreage position
- barrels to existing infrastructure



Norway Southern Barents Sea

Southern Barents Sea Underexplored ~ 100 wells

₩

5 recent oil discoveries + 2 gas discoveries

↓

Lundin Petroleum is a major licence holder in the Loppa High area

₩

23rd licensing round applications submitted in Dec 2015

> ~ 1 billion boe discovered over last 4 years



Norway **Organisational Capability**



Exploration





Drilling

0

Development



Operations



Edvard Grieg Uptime [%]



⁽¹⁾ Gross discovered resources as operator, source NPD ⁽²⁾ Assumes 100% of Johan Sverdrup

Gross discovered resources as operator, source NPD

Lundin Petroleum **46%**⁽²⁾



Norway – Development Projects

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Norway Development Projects

Ongoing Norwegian developments

- > Edvard Grieg (Lundin 50% operator)
- → Ivar Aasen Unit (Lundin 1.385%)
- → Johan Sverdrup (Lundin 22.60%)

► Appraisal projects:

- Luno II (Lundin 50.0%, operator)
- Alta/Gohta (Lundin 40.0%, operator)



2016 Development Budget: MUSD 905



Norway **Edvard Grieg Development**

- Lundin interest: 50% (operator) → OMV 20%, Wintershall 15%, Statoil 15%
- ≥ 2P reserves: 206 MMboe gross
- Plateau production: 100,000 boepd gross
- ▶ First oil achieved 28 November 2015
- ► Capital costs: NOK 26 billion
- Drilling 14 wells from jack-up rig development drilling continues through 2017
- One appraisal well in south east of the field successfully drilled - reserves upgraded (+ 20 MMboe gross compared to end 2014)





Edvard Grieg Project Update

- Project delivered on schedule and on budget
- 3 wells online, drilling performance on schedule \rightarrow
- Project is 96% complete, project close out continues into 2016
 - > Power generation final commissioning
 - >Water and gas injection startup
 - > Commissioning and tie in of future wells throughout 2016/2017
- High quality facilities as demonstrated by uptime



Edvard Grieg **Production Performance**

Strong initial facilities and reservoir performance

- Facilities uptime outperforming 95% to date
 - Anticipated to take 6 month to build to this level
- ≥ 3 wells on line total capacity >90,000 boepd
 - → PDO basis 24,000 boepd per well

Better reservoir performance – lower pressure decline

→ As per the reservoir management plan, initial 2016 production rates will be held below well potential until sufficient water injection capacity is available

≥ 2016 drilling programme - 5 wells

- → 3 water injectors and 2 producers
- Currently drilling first water injector





Edvard Grieg gross production (boepd)

¹ Edvard Grieg capacity within the topsides facility

Edvard Grieg Positive Appraisal and Development Drilling Results

▶ 7 new wells since the PDO

- → 16/1-18 appraisal (2014)
 - Proved a back basin in the eastern part of the field
- → 16/1-23SE appraisal (2015)
 - Confirmed similar reservoir to the 16/1-18 well
- Development pilot wells A10 & A11 (2014/2105)
 - Confirmed the extent of the high quality sands across the core of the field
- → 3 horizontal producers OP1, OP2 and OP3 (2015/2016)
- Reserves revision end 2015
 - > 20 MMboe gross 2P reserves additions



Planned Producer Tellus • 16/1-15&15A OP1 (A11AT2) OP4 (A20 16/1-13 <16/1-10 OP2 (A06)
16/1-18 OP3 (A10A) OP10 (A19) 16/1-235 **Edvard Grieg**

Drilled Producer

Planned Water injectors

Edvard Grieg First Three Producers

- All three wells are high rate producers with petrophysical properties in line with, or better than, expectation
- Reservoir pressure decline trends more favorable than expected



Edvard Grieg 2016 Drilling Programme

Injectors

- → WI-1 currently drilling
- → WI-2 and WI-3 to be drilled in 2016
- Production capacity will be constrained while water injection capacity builds

Oil producers

- 4th producer (OP4) is planned as high rate producer
- > 5th producer (OP10) will be the first producer in the southern back basin

Schedule

Flexibility to adjust well schedule to optimise field performance



Norway Ivar Aasen Project

- ▶ PL338BS unitisation ⇒ Lundin working interest 1.385%
- Ivar Aasen reserves ⇒ 183 MMboe (gross)
- Plateau Production ⇒ 65,000 boepd (gross), 1,300 boepd (net)
- First oil ⇒ Q4 2016 topsides construction 92.5% complete
- Jacket ⇒ Installation complete
- ▷ Drilling ⇒ Commenced Q1 2015
- Edvard Grieg providing processing services to Ivar Aasen (process fluids + export)
- Total Capex (gross) ⇒ 26.1 BNOK¹

Project on Schedule for 4Q16 First Oil





¹ Nominal

Norway - Southern Utsira High



Norway Johan Sverdrup Development







→ Field centre (4 platforms) & oil/gas export pipelines \rightarrow 35 wells (16 producers, 18 injectors, 1 observation well)

→ Gross Plateau Production : 550–650,000 boepd

Norway Johan Sverdrup Key Points

► Largest Phase 1 development on the NCS

- → Major importance to all stakeholders
- This project attracts the A-team from all companies and suppliers involved
- → Up to 40% of NCS oil production at plateau

▶ PDO approved and full field reserves are booked

→ 513.2 million boe (2P net to Lundin Petroleum)

Reduced capex has significantly lowered the breakeven oil price



Norway Johan Sverdrup Development

- Sheet-like sand with large-scale lateral continuity (200 km²)
- Extremely high permeability average 21 Darcy to >50 Darcy
- Connectivity over the entire structure

Norway

Johan Sverdrup

▶ High recovery factor and high well rates



Johan Sverdrup Unit

Johan Sverdrup core



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Norway Johan Sverdrup – Phase 1 Development

▶ Project is progressing to schedule:

- → PDO approved by MPE in August 2015
- → Major contracts awarded
- → Pre-drilling to commence Q1 2016
- → Production start-up Q4 2019

► Costs are coming down:

- > Phase 1 gross CAPEX reduced from NOK 123 billion to NOK 108.5 billion¹ (12% saving)
- Phase 1 facilities de-bottlenecking measures approved which will increase Phase 1 production capacity
- ▶ Indicative FX split on CAPEX





Pre-drilling template installation

Norway Johan Sverdrup – Full field (Phase 2) Development

Phase 2 - Final Concept Select Q4 2016:
 Full field process capacity 550 – 650 Mbopd
 Production start-up 2022

Full field CAPEX significantly reduced to NOK 160–190 billion (including Phase 1)¹

> Due to market conditions and optimised facilities scope



¹ USD : NOK 6.0 and real 2015

Norway Utsira High - Luno II Discovery

- PL359 Luno II (Lundin 50% operated)
- Luno II North oil discovery well 16/4-9S drilled in 2015
- ▶ Well encountered a 23 metre oil column in a separate segment to the Luno II discovery and tested at 1,000 bopd
- Gross contingent resources for Luno II North: → 12 – 26 MMboe
- Gross contingent resources for entire Luno II discovery:
 - → 38 96 MMboe
- Potential subsea tie-back to Edvard Grieg platform
- Development concept studies being progressed
- **Target to fill Edvard Grieg facilities once** Edvard Grieg comes off plateau



Top Basement (base reservoir) map

Norway - Southern Barents Sea An Emerging Major Production Area



- Significant discovered resources
- Pipeline of developments
 - Snøhvit online since 2007
 - Goliat start-up 2016
 - Johan Castberg expectation of concept selection in 2016

Alta & Gohta

- → Alta gross contingent resources unchanged at 125-400 MMboe
 - will review following 2016/2017 appraisal programme
- → Gohta gross contingent resources 91−184 MMboe
- > Development feasibility study ongoing
- Long term well test under evaluation


Norway – Exploration

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Norway Strategy

Focus on organic growth

Inverted highs

2 key areas for exploration

- > Utsira High
- Southern Barents Sea
- Application of latest technology



Barents Sea Loppa High Southern Barents Sea Area Norwegian Sea Norway Utsira High Area

Norway Finding Cost and Value Creation

Lundin Petroleum most successful exploration company in Norway during the last decade

Continue to pursue value creation through exploration – organic growth



⁽¹⁾ Costs include cumulative exploration and appraisal costs since inception up to 31.12.2015. Discovered resources assume year end 2015 remaining 2P reserves for Edvard Grieg, Volund, Bøyla, Brynhild and Johan Sverdrup. For Gaupe, Volund, Brynhild, Boyla and Edvard Grieg cumulative production up to 31.12.2015 is also included in reserves. Brynhild 2P reserves have been adjusted for 50% ownership at the time of making the discovery. Contingent resources for Gohta, Alta, Luno II, Luno II North and Rolvsnes have been estimated by Lundin Petroleum.

Norway

Norway fields bigger than 120 MMboe

Norway Lundin Petroleum - The Most Successful Explorer





► Largest resources discovered on NCS 2007–2015⁽¹⁾

Norway – Utsira High Area Evolution 2004-2015



- → First licence (PL338) in 2004
- → First discovery (Luno) in 2007



- → Luno (renamed Edvard Grieg) doubles in size following appraisal
- → 3 additional discoveries on western side of Utsira High
- \rightarrow 1 major discovery (Avaldsnes) on eastern side of Utsira High

- \rightarrow The Avaldsnes structure is extended with another major discovery on Aldous MS. The giant field is renamed Johan Sverdrup
- → Extensive appraisal on Johan Sverdrup → 3 discoveries (Luno II & Luno II North, Rolvsnes) on south western corner of Utsira High → PL338BS/Ivar Aasen Unitised

Norway – Utsira High Exploration

Multiple drill ready prospects

- Tie-back opportunities to new area infrastructure
- ▶ Luno II North discovery (16/4-9S)
 - → 15 km south of Edvard Grieg
 - → Contingent resource range 12 26 MMboe gross
 - → Total Luno II discovery resource range 38-96 MMboe gross

▶ Rolvsnes/Edvard Grieg South oil discovery (16/1-25S)

- → Follow up to discovery well 16/1-12 (Edvard Grieg South)
- > Weathered/ fractured basement reservoir
- → Pressure data confirms communication with 16/1-12
- → Gross contingent resources 3 16 MMboe
- → Including prospective upside gross resource estimate range 10-46 MMboe gross

Fosen prospect (currently drilling)

- > Reservoir target Draupne to Hugin formation
- → Gross unrisked prospective resources 192 MMboe CoS 22%





Fosen Prospect Proposed Well Location





Norway – Southern Barents Sea Loppa High Exploration & Appraisal

Gohta/Alta discoveries opens up the area for significant new discoveries

▶ Alta appraisal programme to continue in 2016/2017

Multiple prospects identified

≥ 2016 programme:

- → Alta-3 re-entry & test
- > Neiden exploration re-entry
- → Filicudi exploration well
- > Alta/Gohta area development feasibility study



Norway – Southern Barents Sea Loppa High Existing Discoveries

Alta Discovery: 125–400 MMboe⁽¹⁾

- ▶ PL609 (Lundin 40% operated)
 - Discovery well (2014): 57m gross HC column
 tested 3,300 bopd
 - → First appraisal Alta -2 (2015): Tested 860 bopd oil & 650 Mcfd gas
 - Second appraisal Alta -3 (2015): 120m gross HC column, no test due to time constraints
 - → Alta wells 1, 2 and 3 in pressure communication
 - → Re-enter Alta-3 to deepen and test
 - → Development feasibility studies ongoing, to be followed by further appraisal

Gohta Discovery: 91–184 MMboe⁽¹⁾

- ▶ PL492 (Lundin 40% operated)
 - → Discovery well (2013): 100m gross HC column
 - tested 4,300 bopd
 - → Appraisal Gohta-1 (2014): Tested 860 bopd condensate

Alta total resources: 125 – 400 MMboe

Development feasibility study ongoing







Gohta Discovery



2015 Alta-2 Appraisal (completed)

Norway - Southern Barents Sea Alta Appraisal

- Significant discovery Alta wells 1, 2 and 3 in communication
- ▶ Alta-3 re-entry and test in 2016
- ► Further appraisal drilling in 2017



Alta Field



Norway - Southern Barents Sea Neiden Prospect – Re-entry 2016

- PL609 (Lundin 40% operated)
- Carbonate prospect on trend with Alta/ Gohta
- Updip of Obelix well with oil shows in carbonate reservoirs
- Gross unrisked prospective resources 204 MMboe, CoS 30%
- During 2015 drilled to just above reservoir target and suspended







Norway – Southern Barents Sea Filicudi Prospect – 2016 Well

- ▶ PL533 (Lundin 35% operated)
- Multiple prospects on trend with large Johan Castberg discovery
- "Double flat spot" on seismic reduces risk similar response at Johan Castberg
- Gross unrisked prospective resources 258 MMboe, CoS 25%
 - > Prospect trend potential >1 billion barrels



Norway - Southern Barents Sea 23rd Licence Round





- The largest structures seen in decades
- Very exciting potential
- Awards late Q2 2016



Norway Exploration Summary

Leading acreage position

- → Utsira High
- → Loppa High

Continuing to build portfolio

- → Licence rounds
- → Business development
- Continuing programme focussed on core areas





Malaysia Overview

Capital Market Day, 3 February 2016





Malaysia 2016 Block Summary

Core positions in Peninsular Malaysia and Sabah

▶ 14.3 MMboe gross 2P reserves

▶ 96 MMboe gross contingent resources



Total acreage is 28,000 km², second largest after Petronas

Malaysia **Bertam Overview**

- ▶ PM307 Lundin Petroleum 75% (operator), Petronas Carigali 25%
- 2P gross ultimate recoverable reserves: 16.4 MMboe \rightarrow → 14.3 MMboe remaining as at 31 Dec 2015
- ▶ First oil: 5 April 2015
- Project delivered on budget and on schedule
 - → Wellhead platform
 - \rightarrow 12 Horizontal wells with ESP's ⁽¹⁾
 - → Utilise 100% owned FPSO ⁽²⁾
 - → 98% uptime since startup

Bertam Development Facilities



Bertam Location Map



Malaysia Bertam Field Reservoir Development

PDO development drilling programme completed

- Bertam-3 appraisal well identified eastern extension of the field
 A15 infill development well to be drilled Q2
- Infill drilling opportunities being reviewed



Malaysia **Organic Growth Potential**



⁽¹⁾ Gross unrisked prospective resources

Low costs - low commitment opportunities

SB307/308

Maligan 110 MMbbls⁽¹⁾ - currently drilling





Lundin Petroleum Operator Lundin Petroleum Partner

Other Assets

THE PARTY

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Overview France & Netherlands

Long life steady production and cash flow

Low capital requirement

	France	Netherlands
Hydrocarbon Type	Oil	Gas
2015 Production Net, boepd	2,730	1,746
2P Reserves Net ⁽¹⁾ , MMboe	19.1	2.0
Best Estimates Contingent Resources Net ⁽¹⁾ , MMboe	13.1	_
Asset Description	Mature low decline onshore production	Mature on/offshore production
Exploration	1.1 Million acres	
(1) End 2015		

⁽¹⁾End 2015

2015 USD/boe	France	Netherlands
Revenue	52	41
OPEX	25	19
Cash Net Back	27	22

Aquitaine Basin



France **Steady Value Creation**

- ≥ 2015 Production: 2,730 boepd
- ≥ 2P Reserves: 19.1 MMboe
- Contingent Resources: 13.1 MMboe
- Operating cash flow MUSD 27 in 2015







Netherlands Mature Gas Production

- 2015 Production: 1,746 boepd \rightarrow
- 2P Reserves: 2.0 MMboe \rightarrow
- Operating cash flow MUSD 13 in 2015





Conclusion

and the

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Lundin Petroleum Key Messages

- Europe's largest independent E&P company
- Consistent sustainable organic growth strategy going forward
- Strong production growth with low unit operating costs
- Strong balance sheet and liquidity position
- Strong value creation track record
- Continued strong focus on cost discipline and operating efficiency

Disclaimer

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