Production and Development

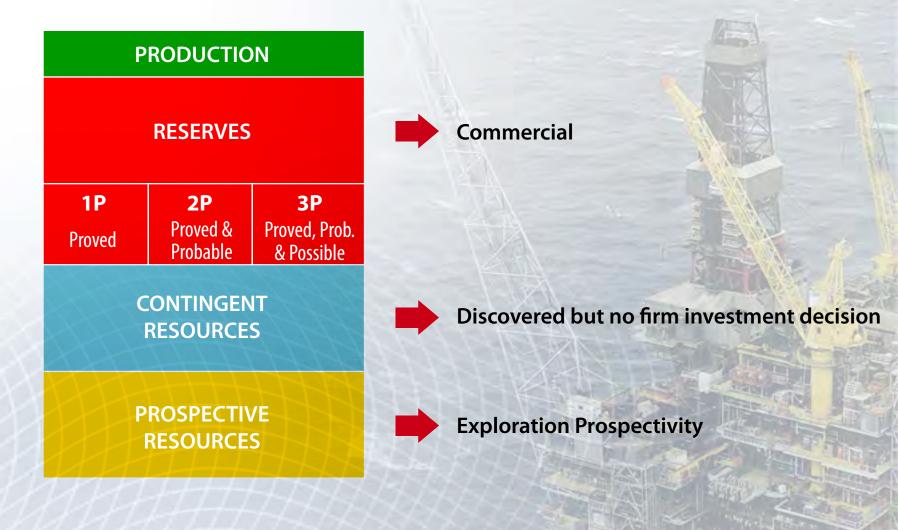


Chris Bruijnzeels, Vice President Reservoir & Production January 2008

Resource Classification System



Society of Petroleum Engineers/World Petroleum Council Classification

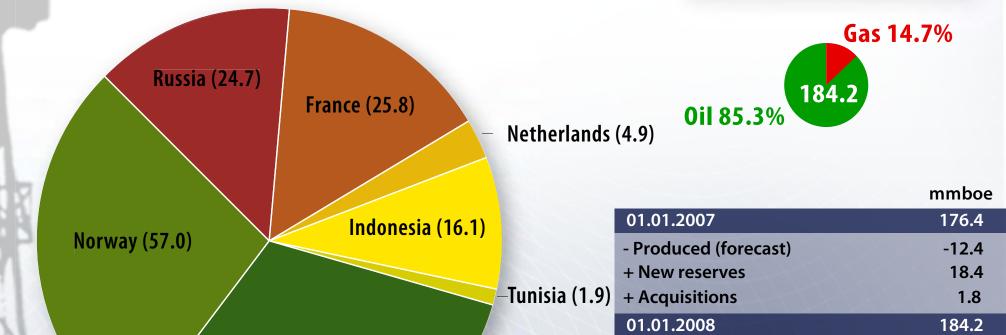


2008 Proven & Probable Reserves

UK (53.8)



Total 184.2 MMboe

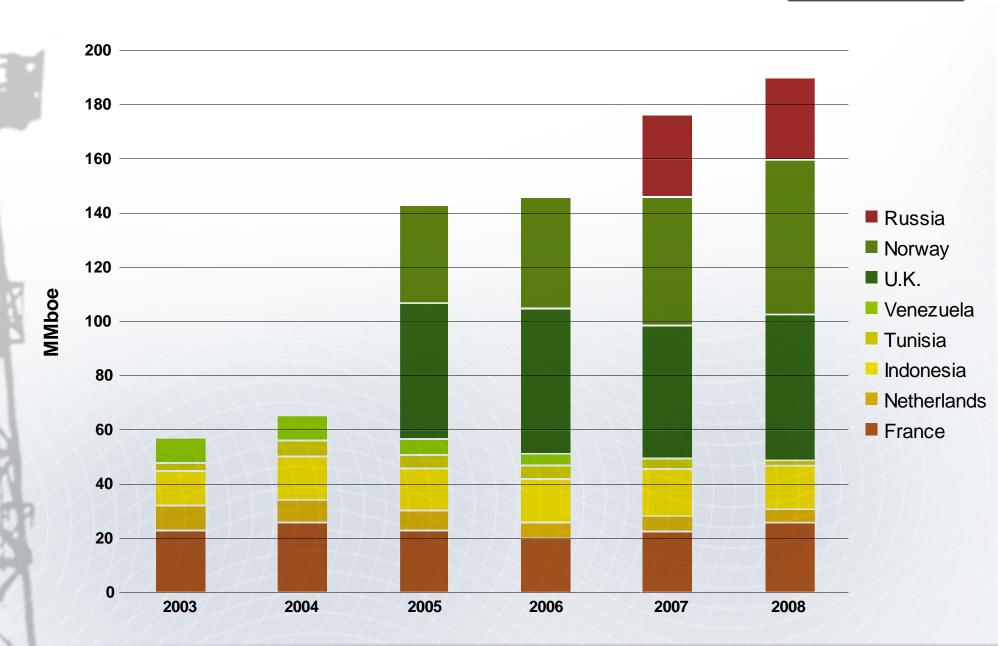


Increase in Reserves 12%

Reserves Replacement Ratio 148%

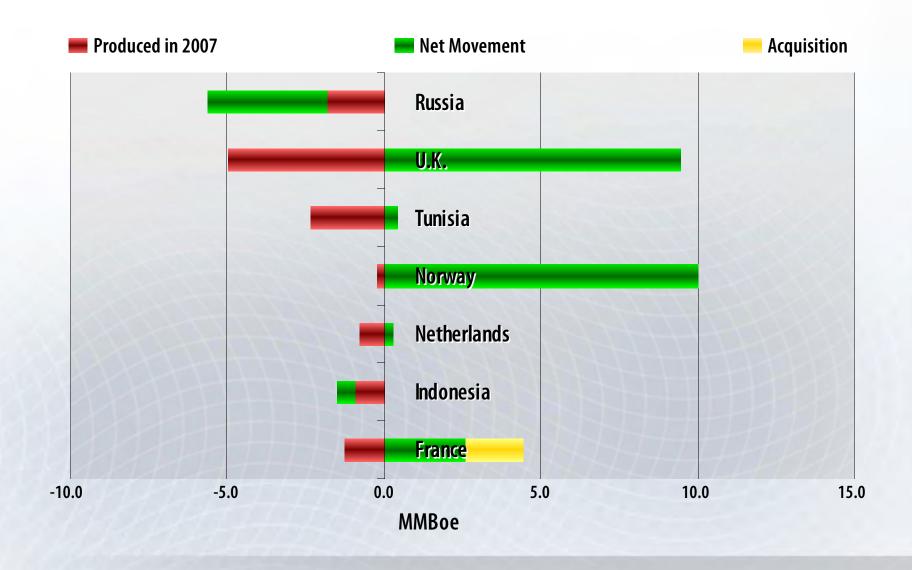
Reserves Growth





Reserves Changes





Main Reserves Changes



■ UK

- → Peik development moved from Contingent Resources to Reserves (4.8 MMBoe)
- → Thistle South block infill drilling moved from Contingent Resources to Reserves (3.2 MMBoe)

Norway

- → Peik development moved from Contingent Resources to Reserves (6.4 MMBoe)
- → Alvheim (East Kameleon) moved from Contingent Resources to Reserves (3.9 MMBoe)

France

→ Rheathian fields infill drilling moved from Contingent Resources to Reserves (2.4 MMBoe)

Russia

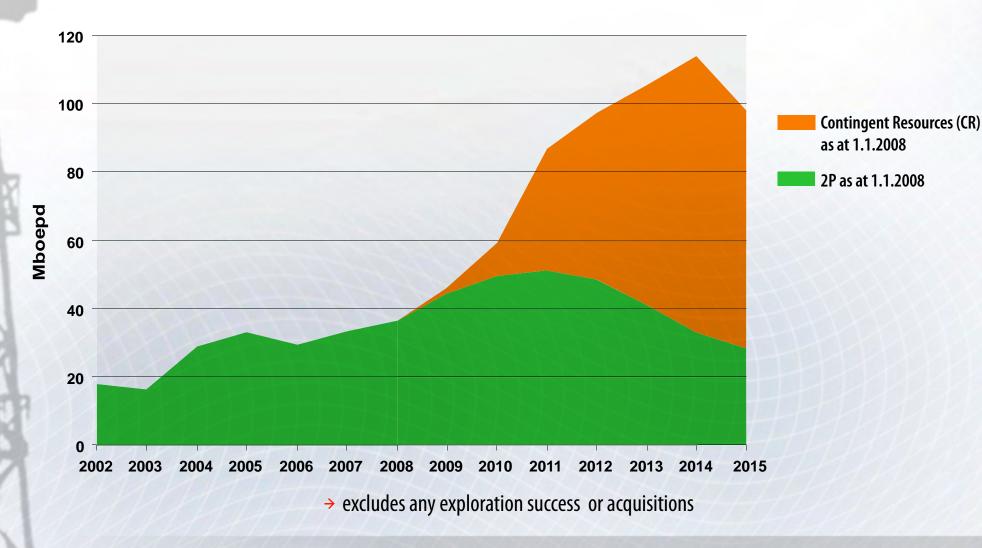
→ First time audited by Gaffney, Cline and Associates. Reduction compared to pre-acquisition D&M* audited reserves (-3.8 MMBoe)

*DeGolyer and MacNaughton

Production Profile based upon 2008 Resource Position Lundin



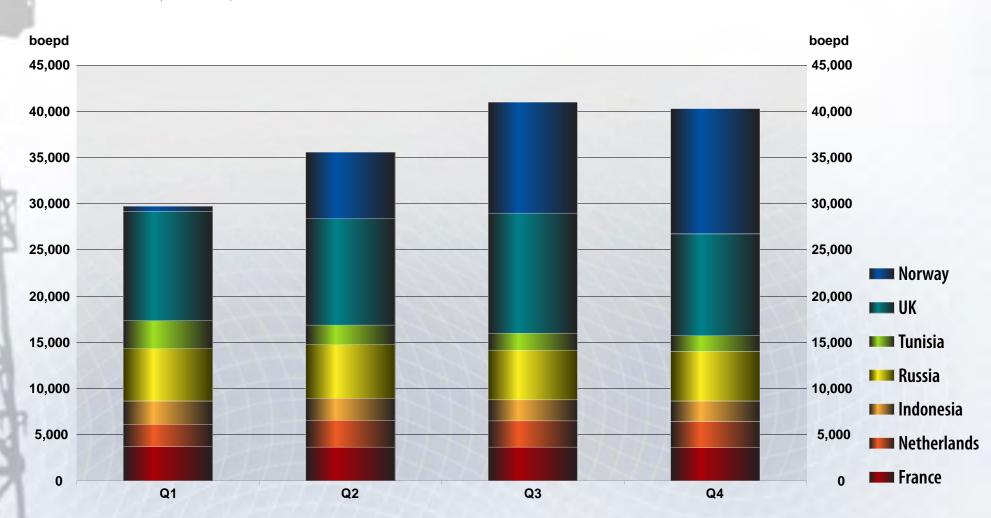
Existing resources have the potential to triple existing production



2008 Production Forecast



≥ Yearly Average : 36,500 boepd



2008 - Why not over 50,000 boepd?

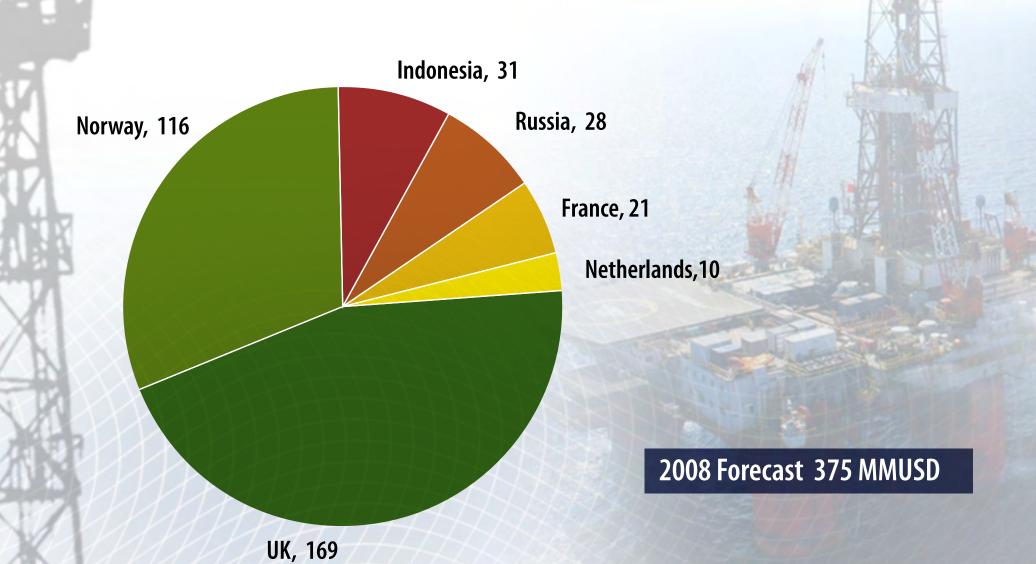


→	Norway	- Alvheim delay to 1 April 2008	6,200 boepd
→	Indonesia	- Delay of Singa first gas from 2008 to 2009	1,100 boepd
→	United Kingdom		
	→ Broom	- 2007 performance better than expected, leading to no requirement for additional water injection well in 2008	1,800 boepd
	→ Thistle	 Deferment of gaslift facilities on platform Shutdown in 2008 related to redevelopment Lower uptime assumption as result of the generator module 	2,900 boepd e fire
→	Russia	- 2007 study work and drilling delays resulted in lower expectations for 2008	3,000 boepd

2008 Development Capital Expenditure

WF10024 01.08





2008 Projects - Norway Alvheim



▶ Alvheim (WI 15%)

FPSO status

- → Sail away from Haugesund February
- → Deep water testing in Amoyfjorden during February
- → Offshore installation and hook up in March
- → On stream end Q1 2008

2006-2007 drilling

- → Drilled and completed 4 Kneler and 2 Boa wells (one Multi Lateral)
- → Drilled and completed 2 water disposal wells
- → Drilled KN5 and KAM2 to top reservoir

2008 Drilling

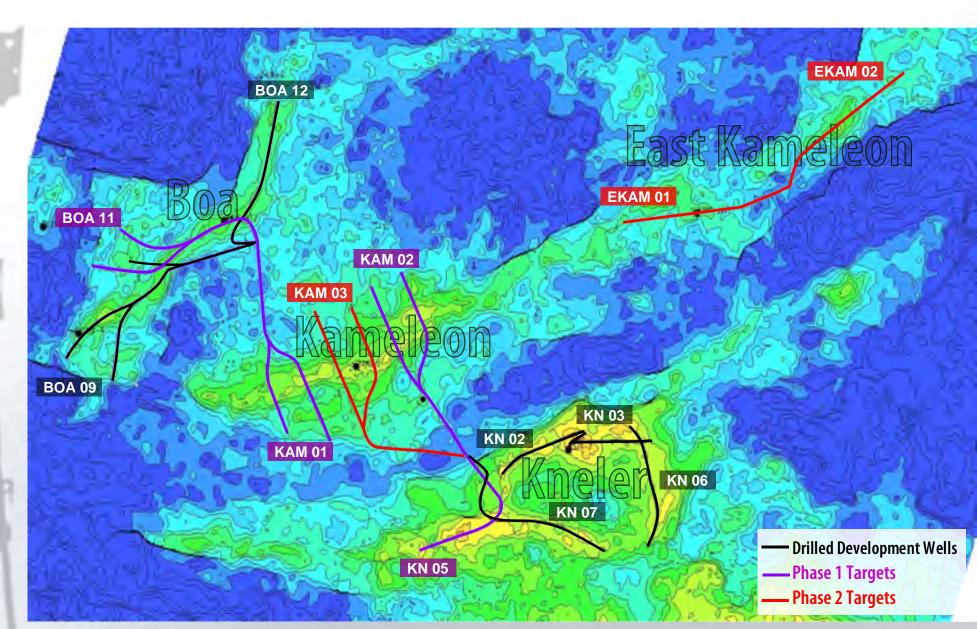
- → Redrill KN3 due to casing integrity problem
- → Drill and complete 1 Kneler, 1 Boa and 2 Kameleon wells (three Multi Laterals)

2010 Drilling

→ Drill and complete 1 Kameleon and 2 East Kameleon wells (one to three Multi Laterals)

2008 Projects – Norway Alvheim

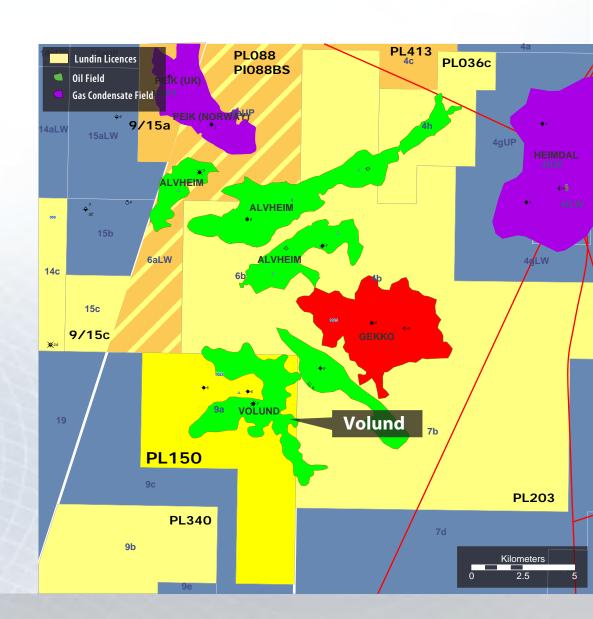




2008 Projects - Norway Volund

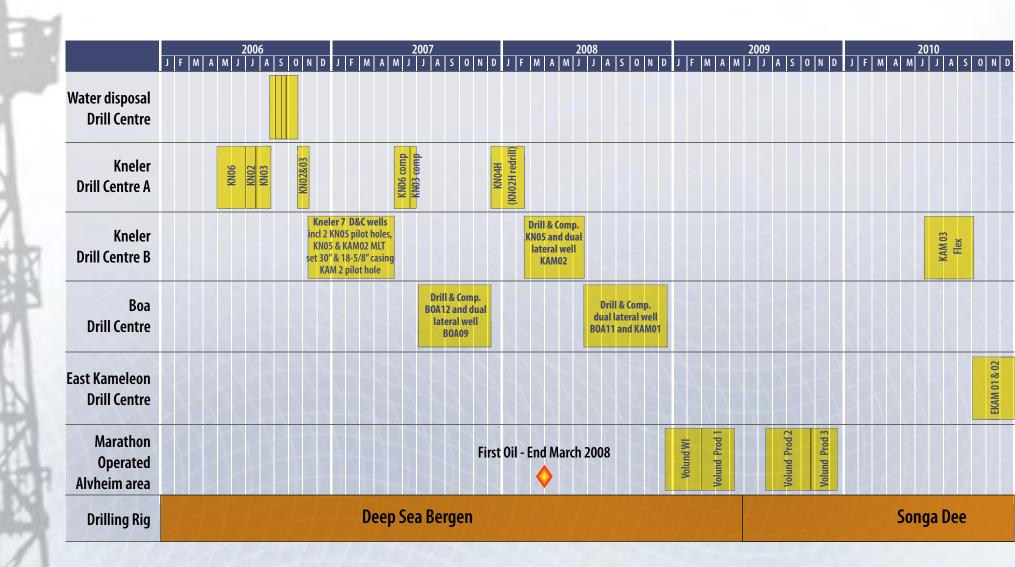


- **Volund (WI 35%)**
- **2008 Work Programme**
 - → Subsea facilities
 - → Long lead well items
- **2009 Drilling**
 - → 1 water injector, 3 producers
- First production 2nd half 2009



2008 Projects – Alvheim/Volund drilling schedule

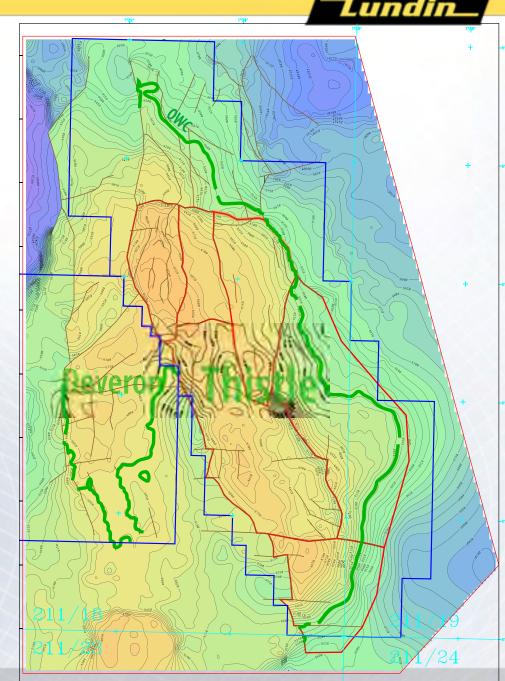




Thistle Redevelopment

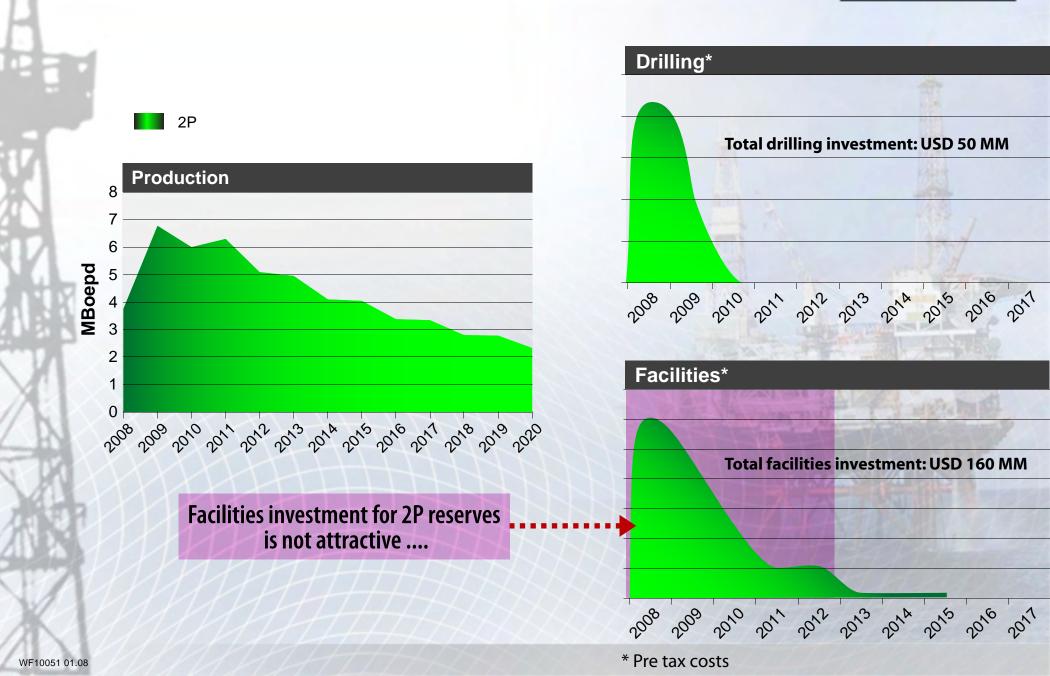
Lundin

- **STOIIP 846 MMstb**
- **Produced 428.4 MMstb** 50.6% Recovery Factor
- **► Certified 2P reserves** 17.4 MMstb
- Contingent Resources 18.9 MMstb
- **2P Ultimate Recovery of 52.7%**
- **≥ 2P + CR Ultimate Recovery of 55%**
- Is there additional upside?



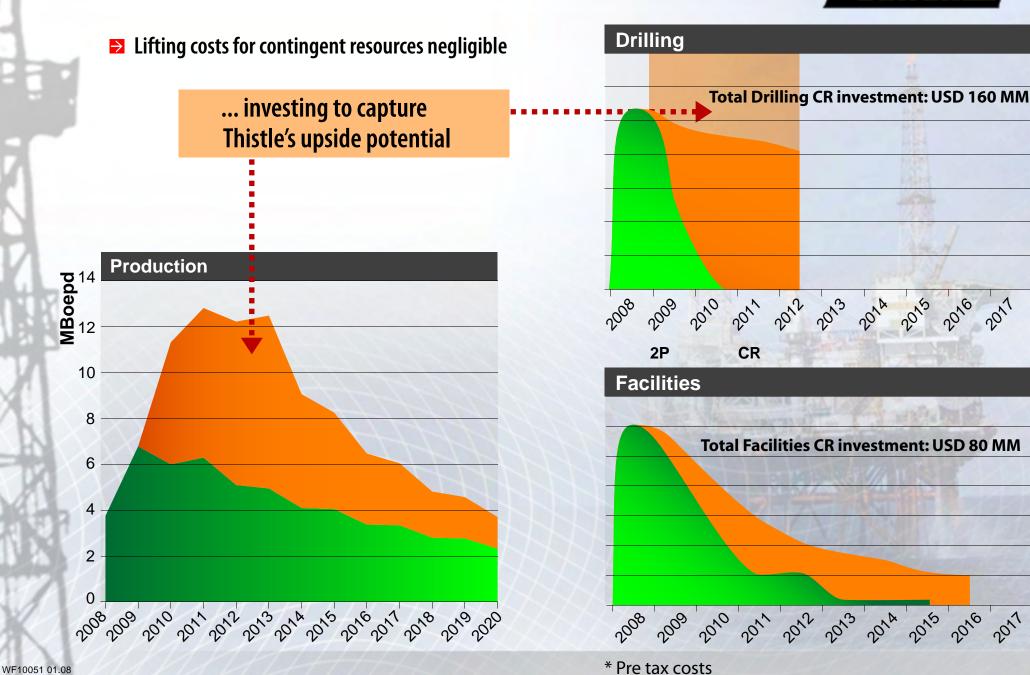
2P Investment





Long Term Investment Plan





Thistle's Future



- Acquired new 3D seismic in 2007
- **▶** Investment in drilling facilities in 2007/08
- **▶** Workovers in 2008
- **■** Subsurface studies in 2008 ongoing
 - → Integrate seismic and update models
 - → Define contingent resource infill targets
 - → Move contingent resources into reserves (already moved 3.2 MMBoe in 2007)
- **■** Start infill drilling in 2009
- Attract third party business

2008 Projects - Others



Netherlands (10.5 MMUSD)

→ K5F development (WI 2.03%)

→ K6GT infill (WI 3.841%)

→ K4A3 infill (WI 2.03%)

→ L4pn (WI 4.34%)

Russia (28.4 MMUSD)

→ KalmEastern (WI 51%)

→ OilGazTet (WI 50%)

→ Komi assets (WI 50%)

Tie in of two development wells

Two infill wells

One infill well

Pipeline replacement

4 development wells plus facilities

facilities

6 development wells plus facilities

2008 Projects - Others



France (21.8 MMUSD)

→ Les Mimosas development (WI 50%)

→ Soudron development (WI 100%)

→ Vert La Gravelle (WI 100%)

→ Grandville

Water injection well

Deepen water injector

Drill water injector

Complete water injector

▶ Indonesia (31.9 MMUSD)

→ Singa Development (WI 25.88%)

→ Salawati Basin (WI 25.94%)

→ Salawati Island (WI 14.51%)

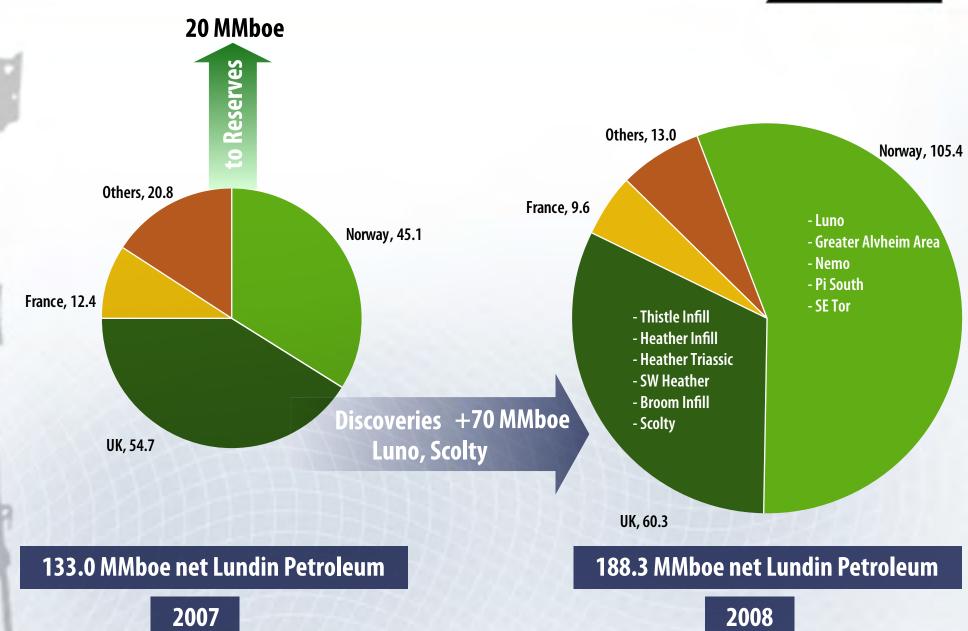
2 Development wells plus facilities

8 Development wells

2 Development wells

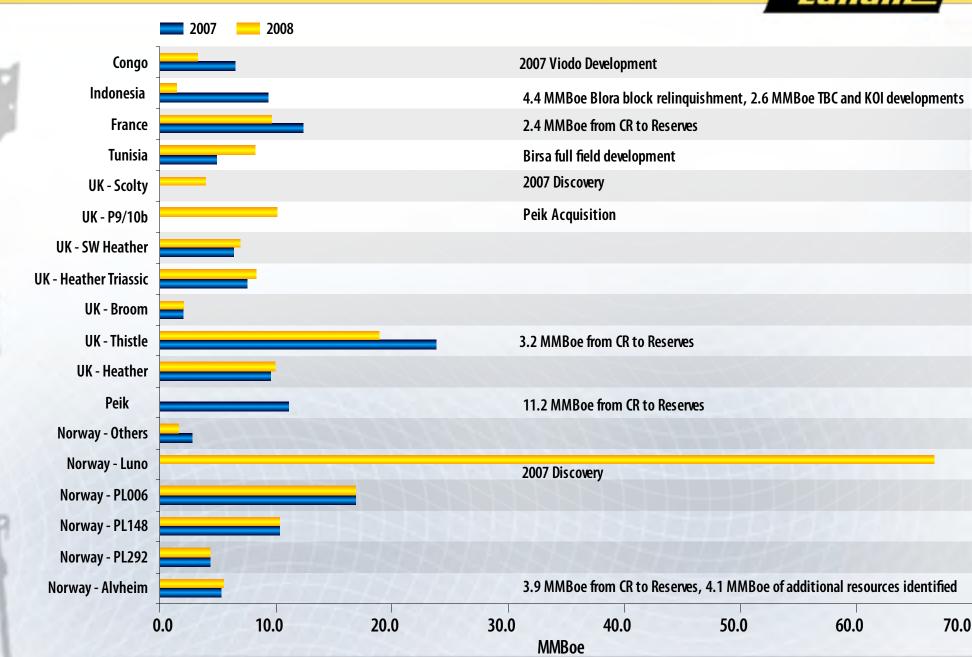
Contingent Resources - Existing Discoveries

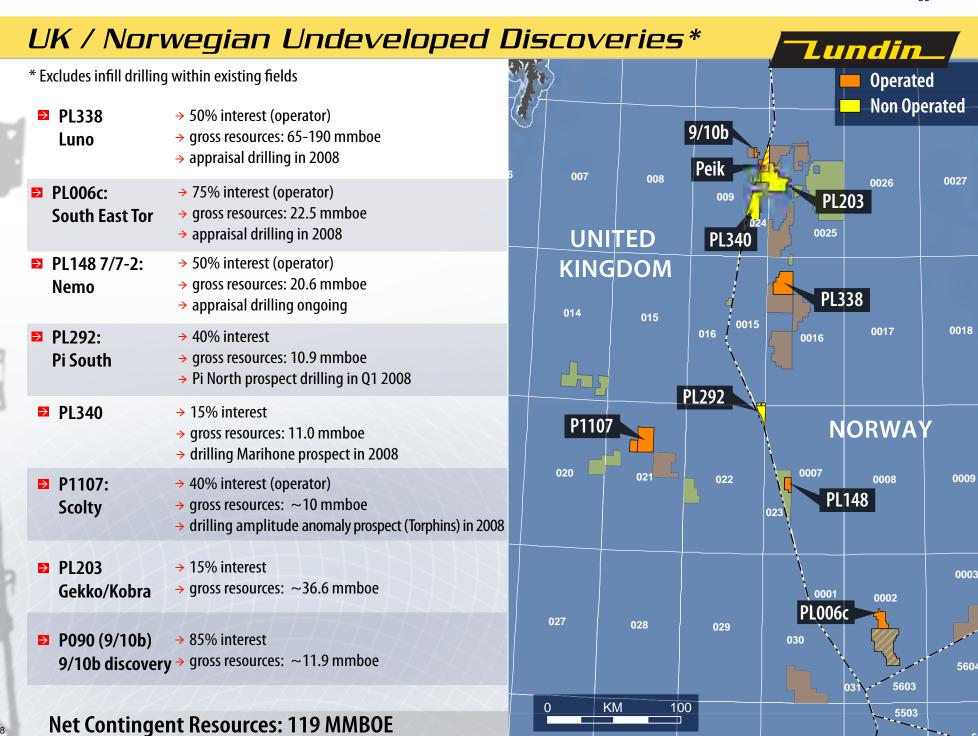




Contingent Resource Movement







WF9434 01.08

2008 Contingent Resource Work Programme



Norway Appraisal Drilling

- → PL338 (Luno)
- **→** PL006C (SE Tor)
- → PL148 (Nemo)

► Thistle and Heather Development studies

- → New 3D seismic
- → Update reservoir model
- → Define infill targets

Exploration near contingent resources

- → UK Torphin exploration near Scolty discovery
- → Norway Pi North Exploration near Pi South PL292 discovery
- → Norway Marihone Exploration near PL340 discovery
- → Congo Exploration near Viodo discovery

France

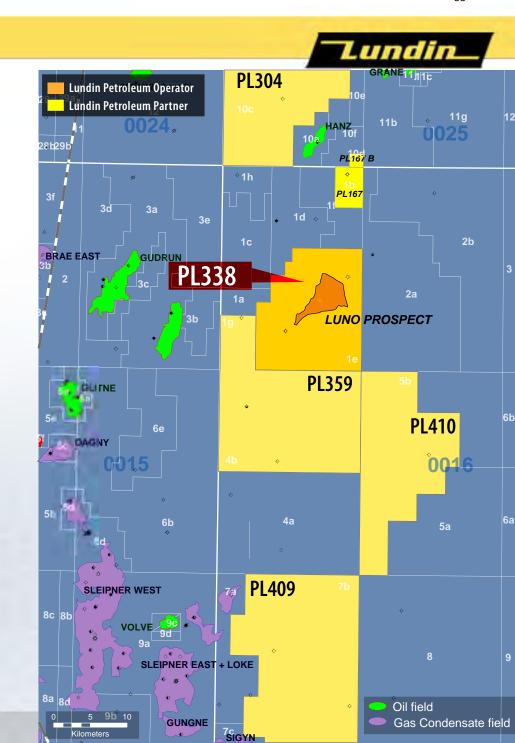
→ Ongoing development studies

Luno Discovery - PL338

- Discovered in 2007
- **► Lundin Petroleum interest: 50% (Operator)**
 - → Revus 30%, RWE 20%
- Discovery 16/1-8
 - → Light oil in Jurassic reservoir
 - → Upside in Triassic
 - → Largest discovery in Norwegian North Sea in the last decade
 - → New play concept proven

► Contingent Gross Resources

Discovery	MMBOE	
Luno Jurassic (mean)	133	
Luno Jurassic upside	57	
Luno Triassic upside	?	

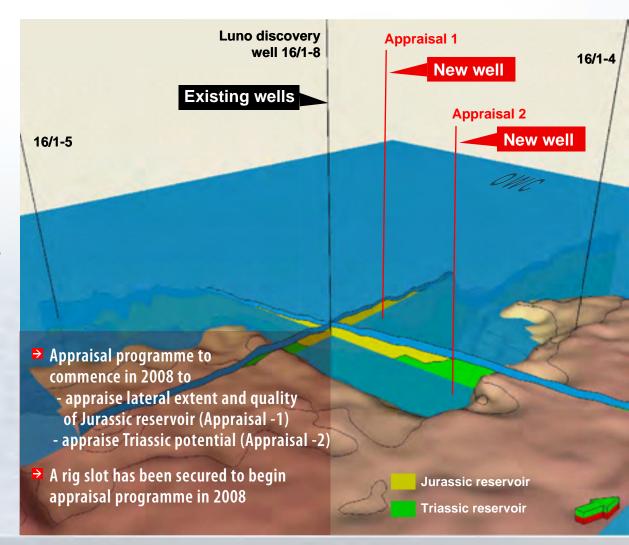


Luno Discovery - PL338



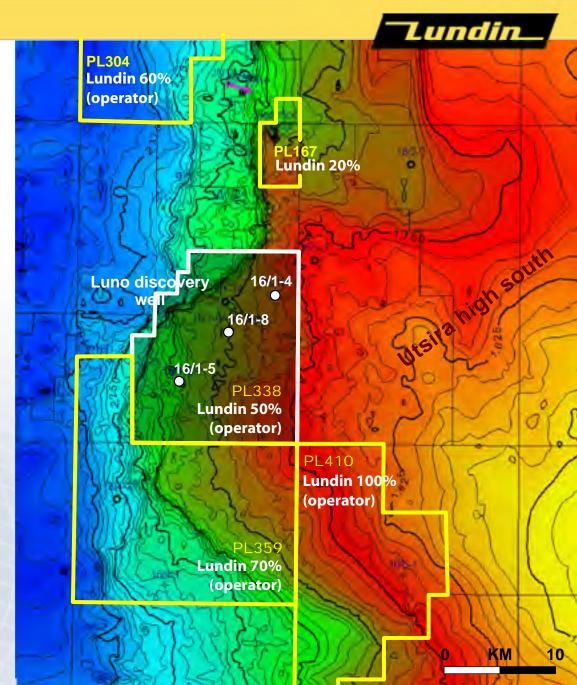
▶ Forward Plan

- → Drill and test delineation well 16/1-10 Q2/Q3 2008
- → Drill second delineation well 16/1-11 and test 16/1-8 in 2008/9
- → Decide on commerciality end 2008
- → Initiate a Plan for Development and Operation in 2009



Norway - Luno Regional

■ Applied for and awarded additional acreage in area on the assumption that the new Luno play concept worked



Southern North Sea - PL148

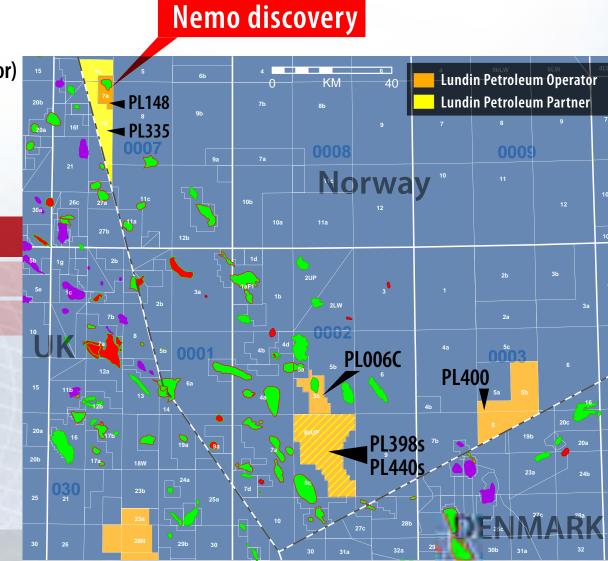


Lundin Petroleum interest: 50% (operator)

→ Noreco 20 %, Talisman 30%

► Contingent Gross Resources

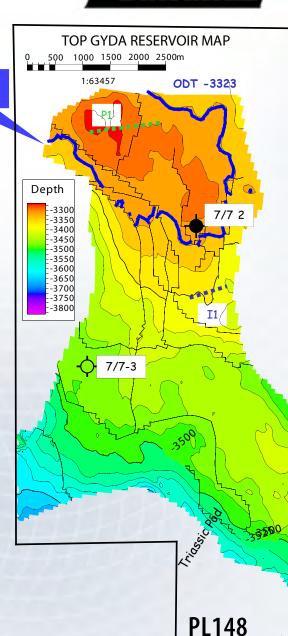
Field	MMBOE	
Nemo	20.6	
Nemo additional upside	12.4	



Southern North Sea - PL148 - Nemo



- **≥** 7/7-2 Statoil 1992, oil down to
- → DST 5000 bbl/d, 36 API,
- → Pressure 626 bar @3310 m SS
- **▶** 7/7-3 Statoil 1993, only shows (water up to)
- Contingent gross resources 20.6 MMboe with additional upside
- **□** Upside volumes 12.4 MMboe
- Planned appraisal well position to prove up significant upside: OWC, reservoir thickness/quality
- Mærsk Giant rig commenced drilling on 15th December 2007



Nemo Discovery

Lundin Petroleum Operator

Southern North Sea - PL006C



■ Lundin Petroleum interest: 75% (Operator)

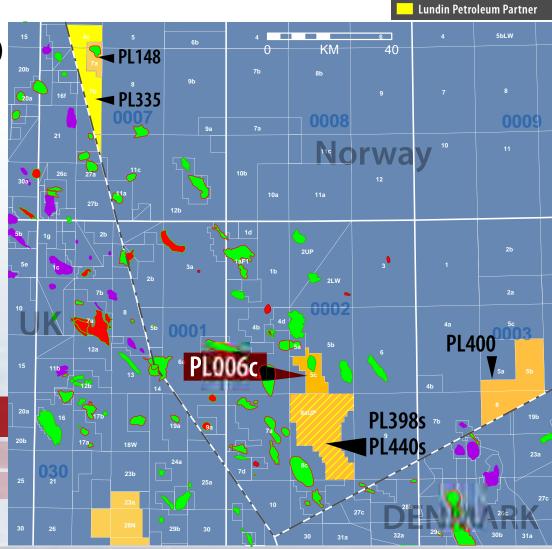
→ Noreco 25%

▶ Info

- → Discovery well 2/5-3 (1972) found light oil in two formations
- → Each formation tested rates in excess of 4,300 bbl/d

Contingent Gross Resources

Discovery	MMBOE
SE Tor	22.5
SE Tor additional upside	5.6



Southern North Sea - PL006C - SE Tor



Forward Plan

WF9915 11.07

- → Possible tie in points for South East Tor are the Tor field, the Ekofisk field (and the Valhall field)
- → Licence plan to drill well with side track (exploration and appraisal targets) in order to prove most likely reserves and potential upside
- → Contract with Mærsk Gallant
- → Expected start drilling: December 2008

