

# Lansdowne

## oil & gas



AGM presentation

28<sup>th</sup> August 2014

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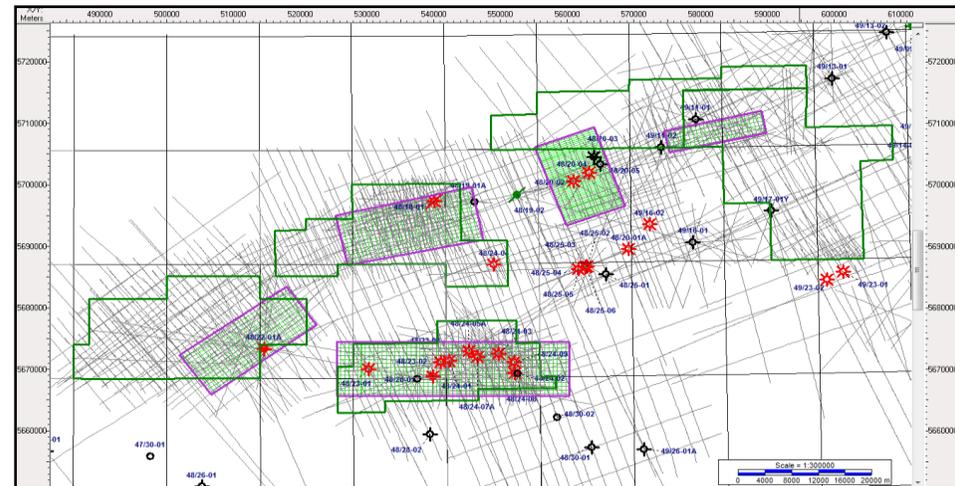
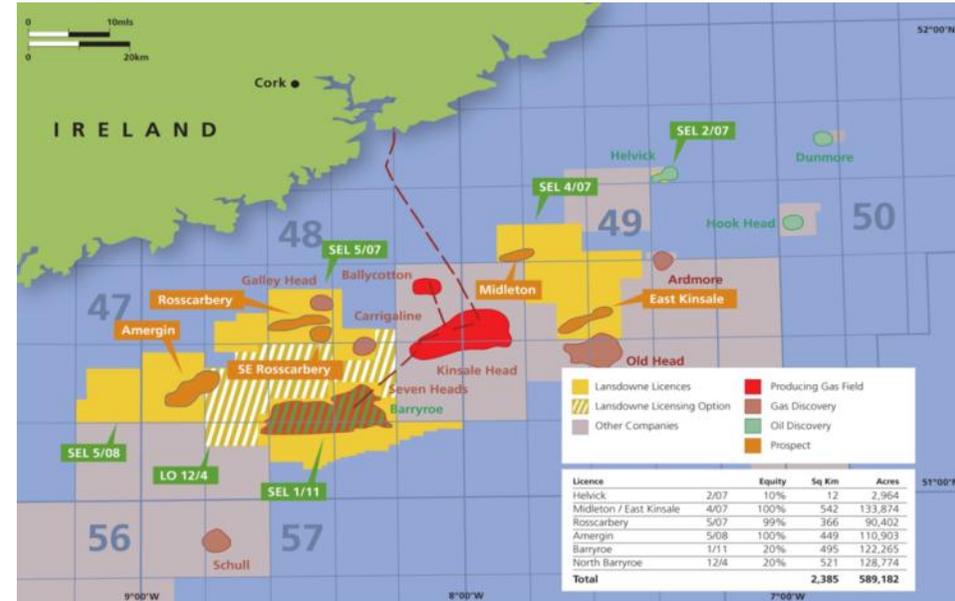
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# Our Business

## A balanced portfolio focussed on Ireland

- Lansdowne is focused on the North Celtic Sea Basin, where there are proven petroleum systems for both oil and gas alongside established gas production infrastructure.
- The company has built a balanced portfolio of assets that includes:
  - Contingent oil resources (Barryroe / Helvick)
  - Contingent gas resources (Galley Head)
  - Oil exploration upside (Amergin)
  - Gas exploration upside (Midleton / Rosscarbery)
- Lansdowne's management team will seek to grow the business by:
  - Leveraging its technical and commercial expertise;
  - Exploiting its extensive regional knowledge base; and
  - By utilising modern technology.

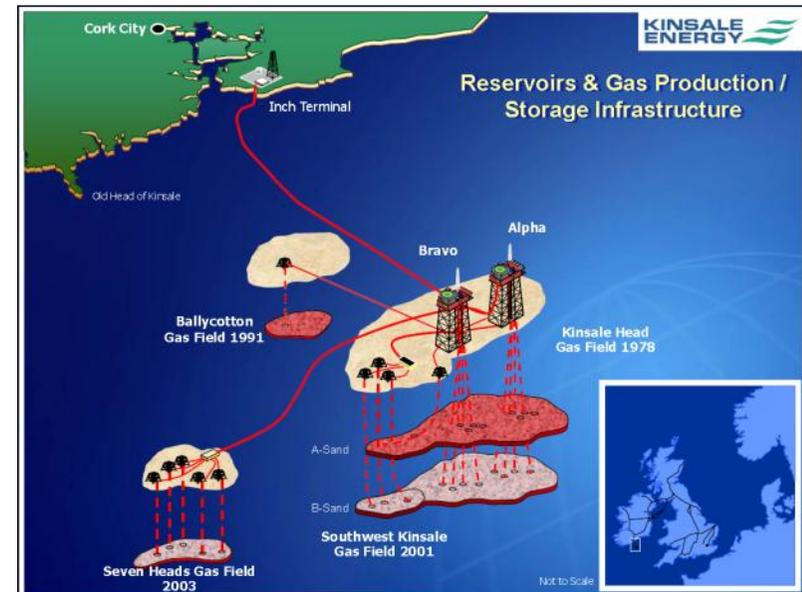
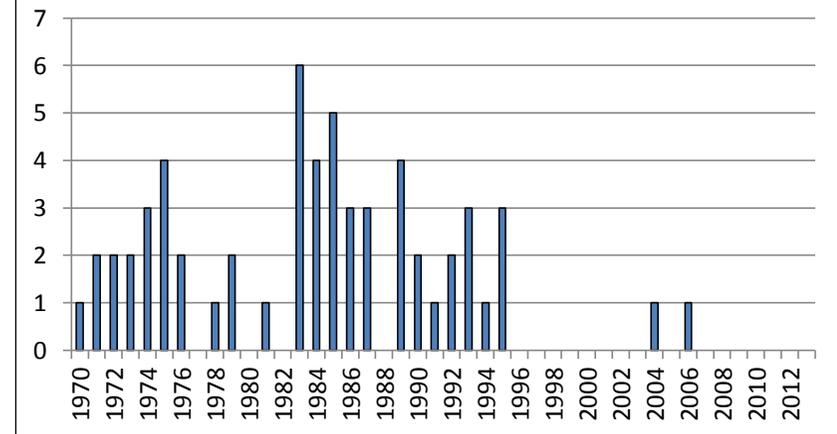


# North Celtic Sea Basin

## Underexplored with existing infrastructure

- A total of 88 wells have been drilled in the North Celtic Sea Basin (NCSB). Within this figure, there were 59 exploration wells and a dozen of these, or more than 20%, flowed oil and/or gas on test.
- Although it benefits from relatively shallow water, proximity to market, proven petroleum systems, and an attractive fiscal regime, the NCSB has seen little drilling activity since the mid-1990s.
- The Kinsale Head gas field was discovered in 1971 by the third well drilled in the NCSB. Following a two-year appraisal programme, it was developed and came onstream in 1978.
- Despite being used to cycle gas in and out of the Southwest Kinsale storage facility, Kinsale Head has significant spare capacity that could be utilised by any additional discoveries in the area.

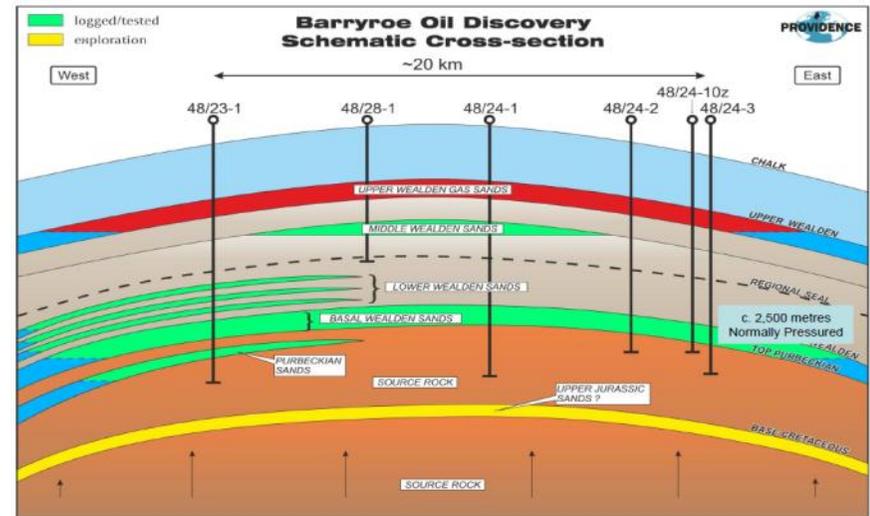
NCSB exploration wells



# Barryroe

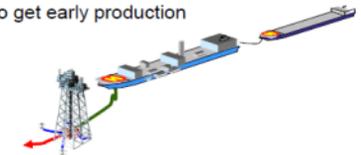
## A substantial resource

- Following the considerable progress made in 2012 with the successful 48/24-10z appraisal well, 2013 proved to be a year of consolidation.
- A CPR by Netherland, Sewell, & Associates Inc. concluded that Barryroe contains 2C resources of 297 mmboe in the Basal Wealden. Total audited on-block 2C resources now stand at 346 mmboe.
- Providence Resources launched a farm-out process on behalf of the Barryroe partnership during 2013. On 26<sup>th</sup> August 2014, it confirmed this is “now nearing completion”.
- Subject to further appraisal, it is currently envisaged that Barryroe will be developed in two phases with first oil being achieved before the end of the decade.



### Phase 1 : First Phase Production System

- Core Area Appraisal/pre-Development Drilling
- Leased Floating Solution or small WHP/FSO to get early production
- **30,000 BOPD peak rate**



### Phase 2 : Full Field Development

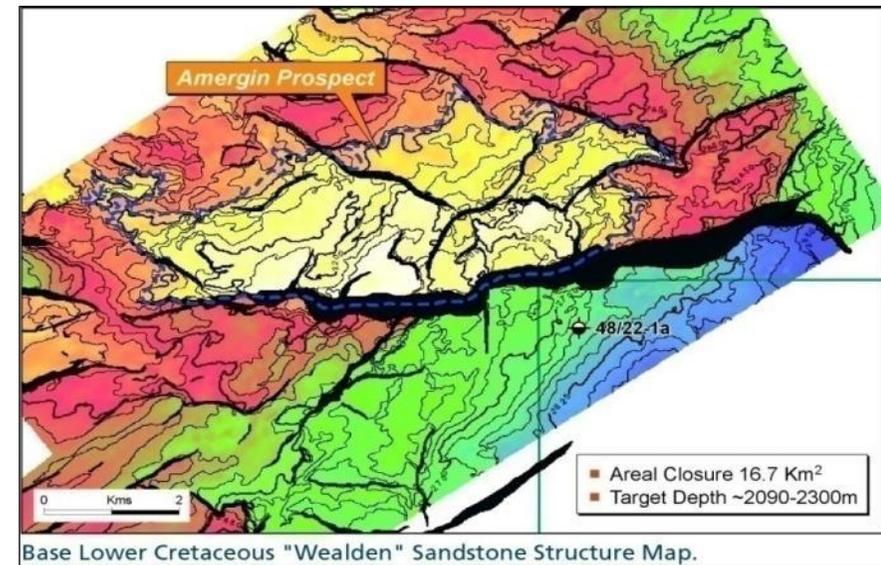
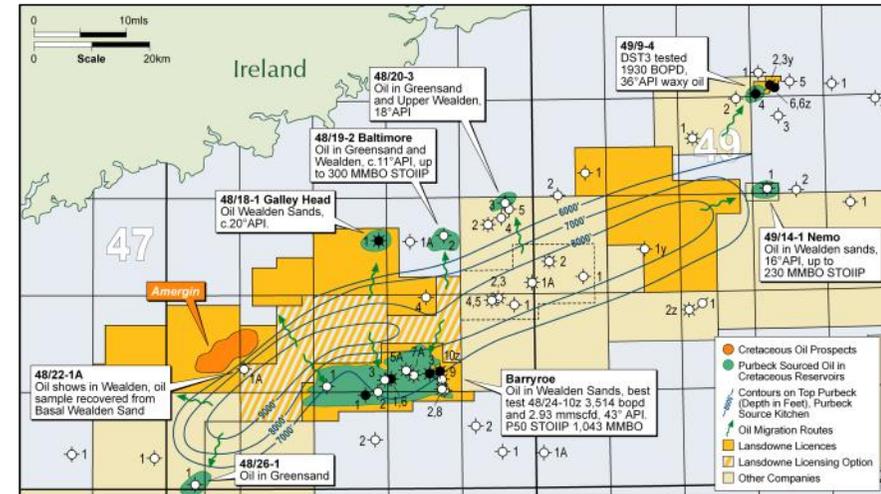
- Full field Appraisal/Development
- Phased Fixed Platform Solution for long term development & production
- **100,000 BOPD peak rate**



# Exploration upside

## Amergin

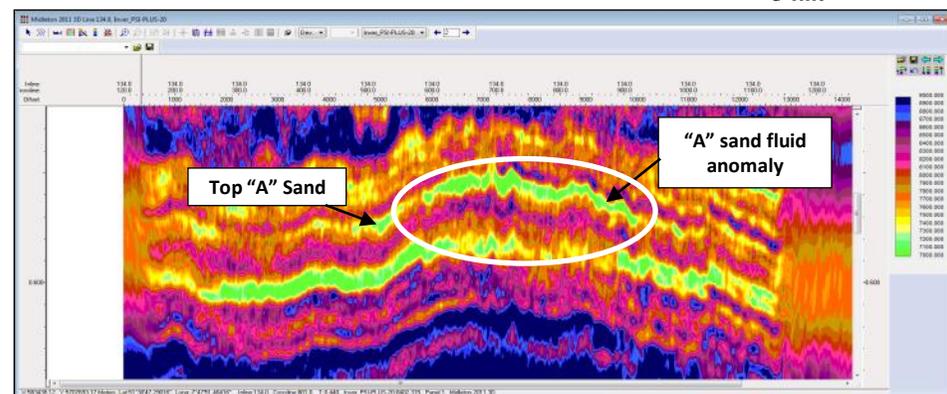
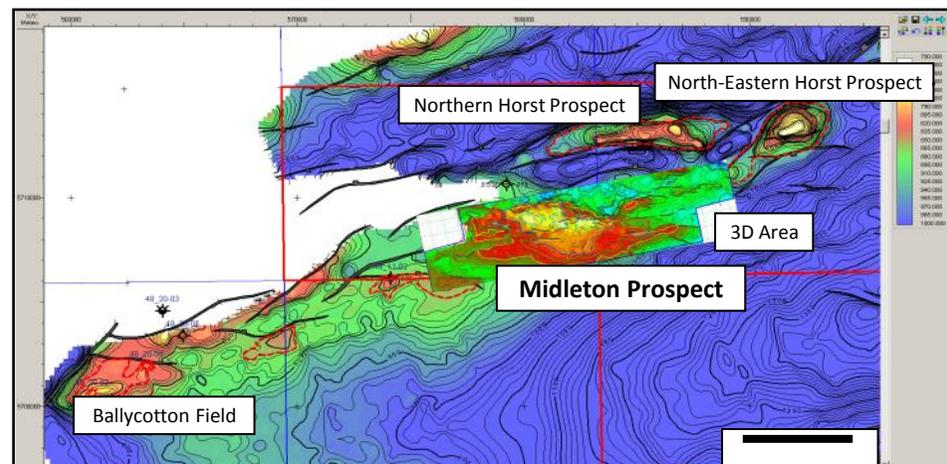
- The Amergin oil prospect is on licence 5/08, where Lansdowne has a 100% interest. Located in the Lower Wealden oil fairway, it is a tilted fault block similar to those found in the North Sea.
- Lansdowne has good seismic coverage of 5/08, including 110 square kilometres of 3D data shot in 2011. This has enabled Amergin to be de-risked.
- In common with Barryroe approximately 25 kilometres to the east, Amergin's primary target is in the Basal Wealden. The Pmean prospective resource for this horizon is estimated to be 104 mmbbl with a 25% chance of success.
- Three further targets have been identified with chances of success of 17% to 20%. The Pmean prospective resource for these totals 127 mmbbl, taking Amergin's overall figure to 231 mmbbl.



# Exploration upside

## Midleton

- The Midleton gas prospect is on licence 4/07, where Lansdowne has a 100% interest. It is located approximately 20 kilometres from the infrastructure at Kinsale Head and at Ballycotton.
- Log data from wells has been integrated with 3D seismic data to look for impedance changes. Fluid substitution modelling indicates that gas bearing sands in the Greensand and Wealden generate a characteristic seismic response.
- Fluid anomalies, interpreted as gas bearing Greensand reservoirs, have been identified at Midleton and this has de-risked the prospect.
- Prospective resources across both targets in Midleton total 268 bcf on a P50 basis and this, combined with low development costs in a success case, make the prospect very attractive.



Prospective resource (bcf)	P90	P50	P10
"A" Greensand	152	174	199
Upper Wealden	66	94	130
<b>Total</b>	<b>218</b>	<b>268</b>	<b>329</b>

# Summary

## Unlocking value in the Celtic Sea

- Lansdowne has an extensive acreage position in North Celtic Sea Basin where there is:
  - A working hydrocarbon system
  - Existing production and infrastructure
  - Relatively shallow water and reservoirs
  - Good fiscal terms
- Barryroe was upgraded following 48/24-10z in 2012. A process is underway to find a partner capable of taking the project to the next stage.
- In addition to 74 mmboe of 2C resources, Lansdowne offers investors exposure to 231 mmbbl plus 515 bcf of prospective resources.
- Lansdowne is focused on finding ways to unlock the value in its portfolio, either independently or in conjunction with other companies.



Market capitalisation <sup>(1)</sup>	US\$25m
2C resources	74 mmboe
Prospective resources	317 mmboe
Market cap. / 2C resources	US\$0.34/boe
Market cap. / 2C + prospective resources	US\$0.08/boe

<sup>(1)</sup> At close of business on 27<sup>th</sup> August 2014 assuming US\$1.66 : £1