

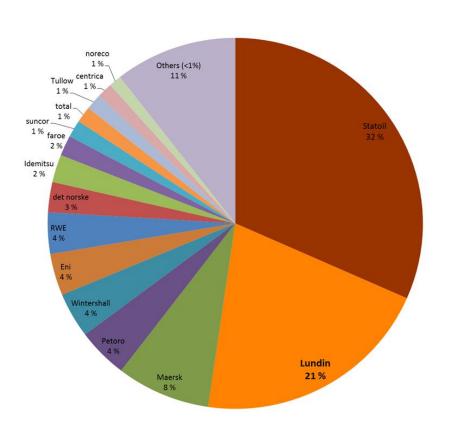
Organic Growth Strategy

- Find new oil
- New and existing play concepts
- Yearly balanced exploration and delineation drilling
- Clustering the portfolio:
 Efficient exploration
 Harvest on own breakthroughs
 Lower economic threshold for
 - commerciality
 - Afford to have good ideas

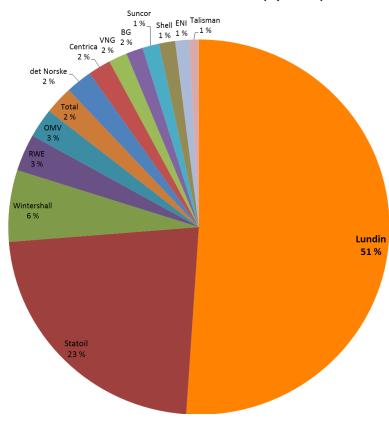
- Develop new oil
 - Brynhild
 - **Edvard Grieg**
 - Johan Sverdrup
 - Luno 2
 - Gohta
 - Alta
- Produce more from developed fields
 - Alvheim and Volund
 - Bøyla
 - Near field exploration

Operated Discoveries 2007-2014

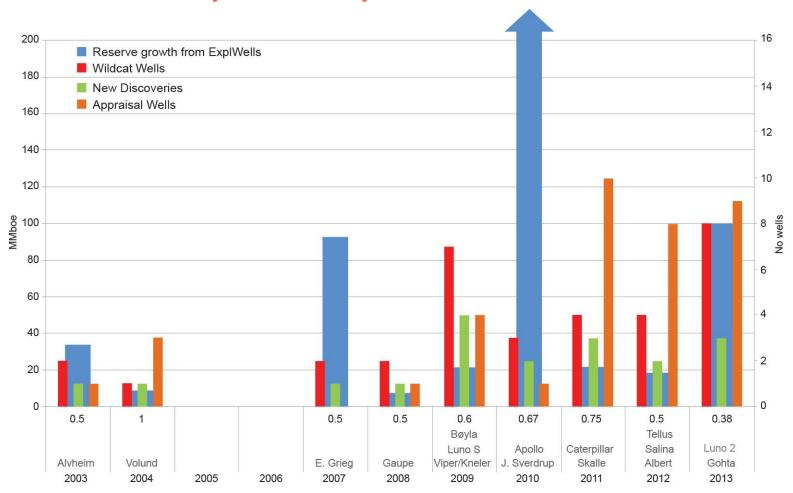
Company part in discovered resources 2007-2014



Resources discovered 2007-2014 (Operator)



Lundin Norway Discovery Curve



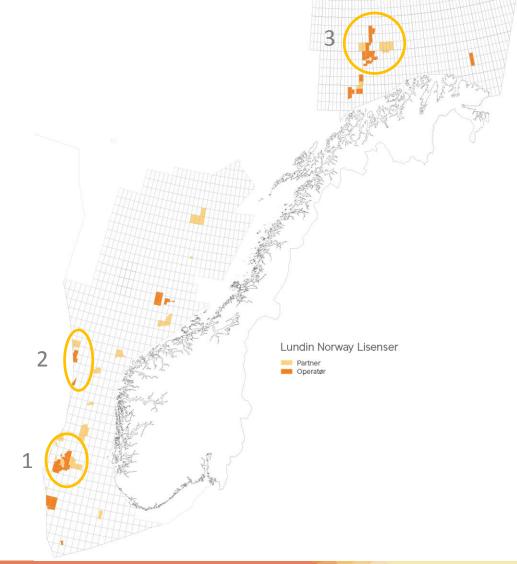
Focused Approach

2015 Exploration Activity 275 mill USD

- 1. Zulu (PL674)
- 2. Luno II North (PL359)
- *3. Fosen (PL544)*
- 4. *Gemini (PL338c)*
- 5. Ørnen (PL708)
- 6. Neiden (PL609)
- 7. Morkel (PL579)

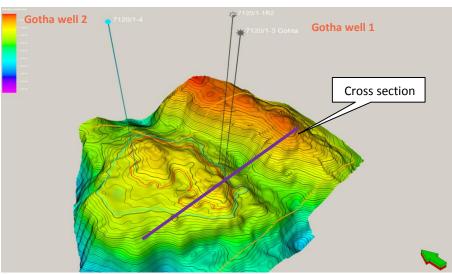
Appraisal Activity 150 mill USD

- 1. 2 Alta wells (PL609)
- 2. Edvard Grieg (PL338)





Gohta Discovery in the Loppa High Core in 2013



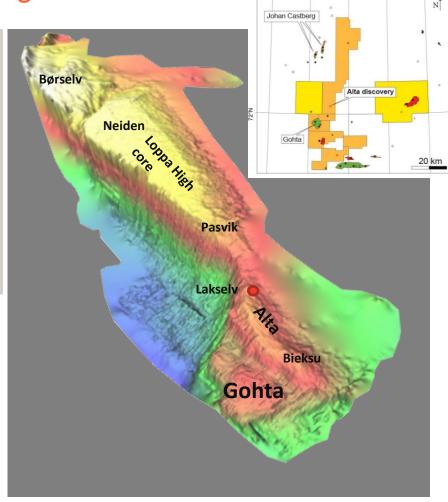
Recoverable resources after first well:

10 -23 million Sm³ oil

8-15 billion Sm³ gas

2014 activity:

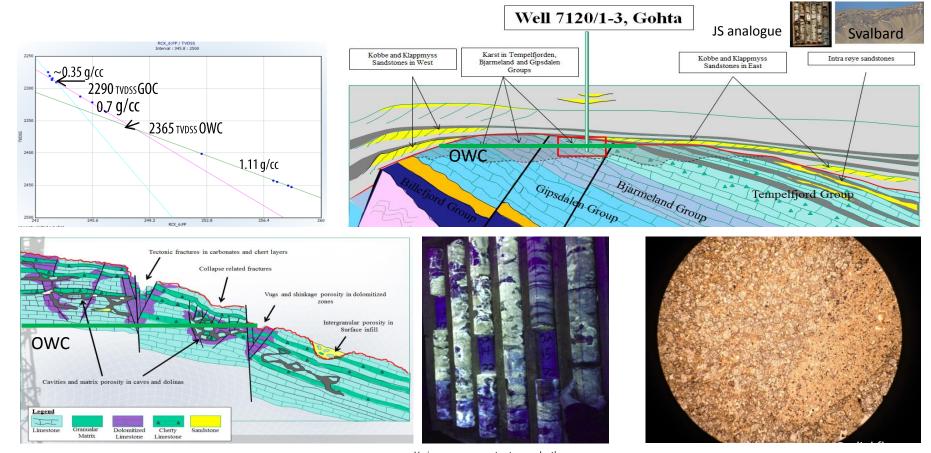
- Gohta 2. well proved reservoir continuity
- New reservoir zone proven in the gas zone
- Disappointing reservoir in the oil zone
- Additional evaluation needed before commercial decisions



The Pore System in Permian Carbonates

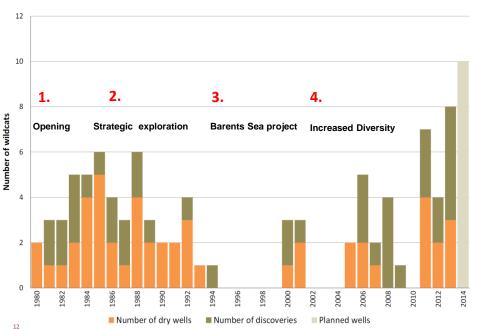
1 intra-, 2 intergranular, 3 vugs, 4 dolomitization and 5 fractures

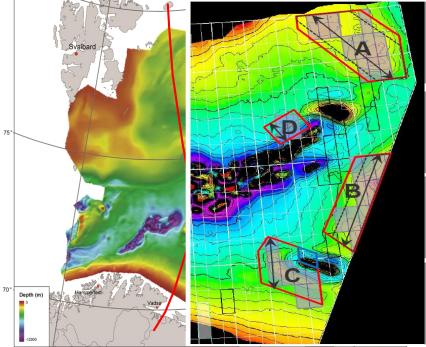
UniSys



4. Generation Exploration in the Barents Sea Pays Off

Discovery history in the Barents Sea



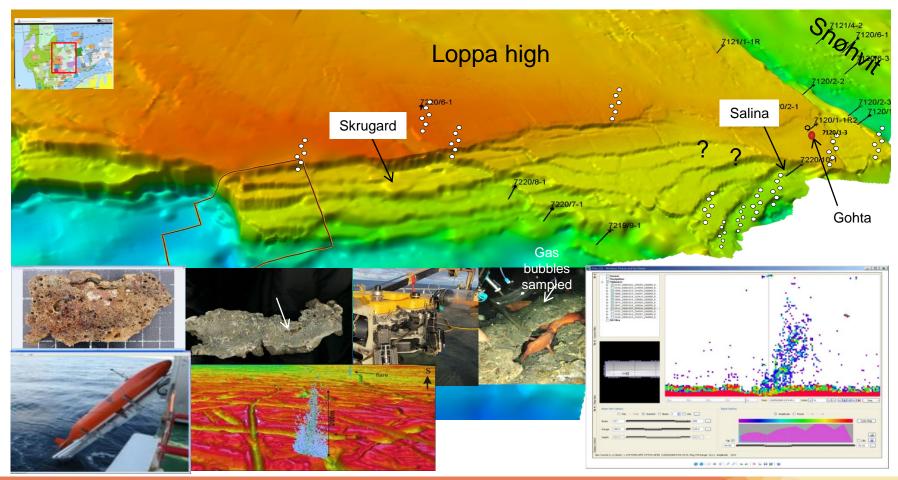


- l. The Skrugard Jurassic oil play along the west flank of the Loppa High: 2011
- 2. The Wisting oil play related to Jurassic/Triassic source rocks: 2013
- 3. The Gohta Permian oil play in the Loppa High core: 2013
- 4. Snøhvit oil Jurassic oil play
- 5. Goliath oil plays related to Triassic and Jurassic sequences
- 6. Finmark Platform Permian reservoirs and source rocks
- 7. Potential oil plays in Cretaceous and Tertiary

- Renewed interest due to oil success and large structures available:
 - 33 companies are cooperating on 4 broadband 3D seismic surveys for 23rd round
- The truth is not determined by majority voting

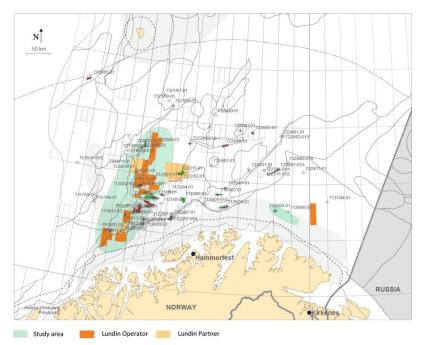
Gas Flare Demonstrates Ongoing Petroleum Migration

(since 2007)



Bridging the Knowledge Gap Since 2000

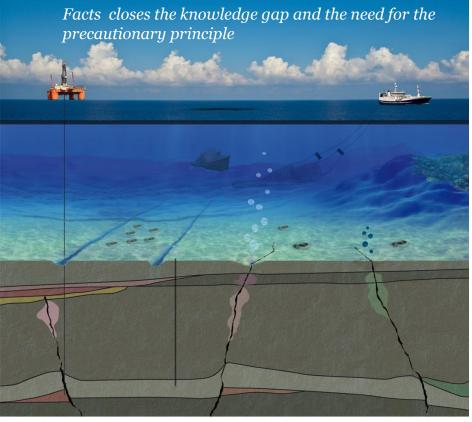
Continued the NPD mapping from 1976-79 by modern tools. Storage in Mareano to avoid black hole storage





























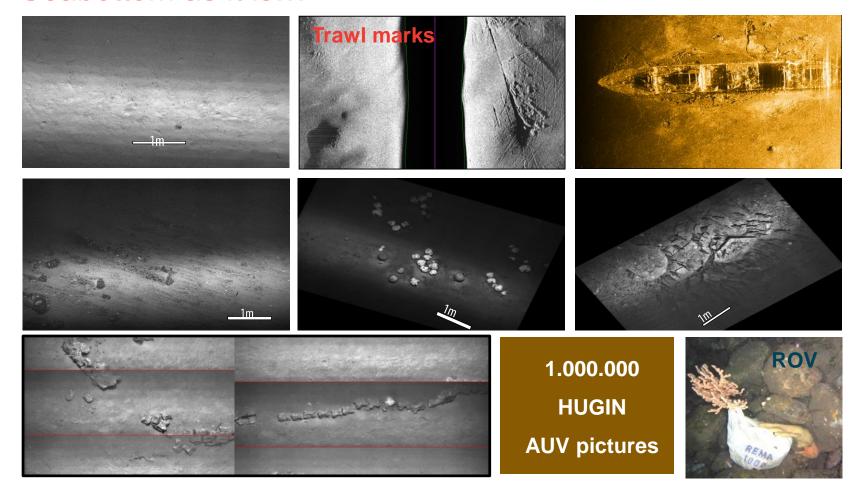








Seabottom as it is...



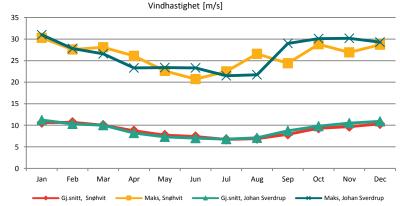
Gas flares



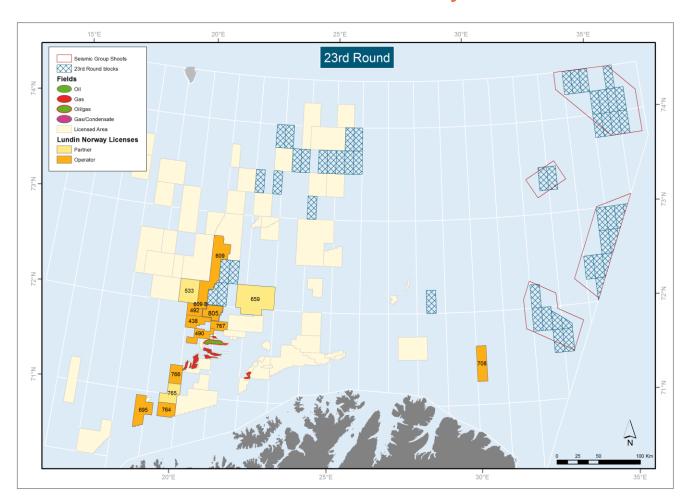
Special Environment During Winter Season

- The weather conditions change faster than along the Norwegian coast further south
- Polar lows
- Low temperatures
- Icing on vessels
- Mist and «tråg» (lange perioder med tett snødrev)
- However:
 - Not necessary higher waves and more wind compared to North Sea (http://oljevern.no/)
 - Periods of the year with less day light
 - Exploration activities are highly regulated to certain times of the year
 - Functional requirements for all conditions must be met





23rd Round and Lundin Norway licenses





«Formula for success: Rise early, work hard, strike oil»

J. Paul Getty (1892-1976)

Thank you for your attention!