Jan Helgesen
Equinor

ACCELERATING EXPLORATION
EXPANDING ENERGY POSSIBILITIES
2019 IAGC ANNUAL CONFERENCE
Technology Panel

Jan Helgesen
VP Geophysical Operations
Equinor
Exploration: Increase success rate

- Tailored survey design
- Cost efficient acquisition
- Seabottom nodes
- Marine vibrator
- Multiples and imaging
- Interpretation tools and AI

![Global long term exploration trends graph]

- Average discovery size; 5 year gliding average
- Success rate
Production: Increase recovery

Equinor ambition - Norwegian Continental Shelf

- 4D repeatability
- Sea bottom solutions
- Processing turnaround time

Recovery factors

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<thead>
<tr>
<th></th>
<th>OIL</th>
<th>GAS</th>
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<tbody>
<tr>
<td>Expected</td>
<td>52%</td>
<td>77%</td>
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<td>60% Ambition</td>
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Ambitions will add reserves of ~3 bn boe

Additional reserve potential. Equinor equity oil and gas operated fields.
Environmental impact – License to operate

- Investigate
- Disseminate information
- New technology