

Estimated P&A- Norwegian Continental Shelf: 2019 – 2025

October 2018

Source: <https://www.norskoljeoggass.no/contentassets/f60cf93f2c9c4c129b0a73303ff8081c/00---welcome.pdf>

| Company | Estimated number of P&A 2019 → 2025 | Estimated number of Slot Recovery 2019 → 2025 | Estimated number of Sub Sea P&A 2019 → 2025 | Contact person |
|------------------------|-------------------------------------|-----------------------------------------------|---------------------------------------------|---------------------|
| AkerBP | 14 | 30 | 2 subsea P&A | Egil Thorstensen |
| ConocoPhillips | +/- 50 | +/-20 | | Ann Elin Mikalsen |
| Eni Norge | 2 | 0 | 2 subsea P&A | Jan Terje Svendsen |
| Equinor | 173 | 70/year | | Steinar Strøm |
| Neptune Energy | 0 | 1 | | Mehryar Nasserri |
| Faroe Petroleum | 3-5 | 0 | subsea P&A | Dan Sturdee |
| Lundin Norway | 4 | 2 | 4 subsea P&A | Jakob Mo |
| Norske Shell | 9 | 1 | subsea P&A, LWI | Kjetil Skjeldestad |
| Repsol Norge | 35 | 1 | | Øystein Østerhus |
| Total Norge | 1-2 | 0 | Subsea P&A | Johan Kverneland |
| Spirit Energy | 0 | 0-1 | | Atle Knudsen |
| Wintershall | +/-6 | +/-20 | | Mark van Aerssen |
| Point Resources | 0 | 11 | Subsea P&A | Sigve Krohn Næsheim |

Key technical challenges:

Subsea P&A, Platform P&A, Dual casing strings across P&A zone, Slot recovery, Rigless P&A, Verification of cement / formation outside casing, Removal of tubing / casing, Challenge to set 50m plugs, Tubing access/collapse, verification methods, corroded tubulars, cross-department. Through tubing PWC, Logging through two strings, Deformed casing/tubing

Technical needs:

Dual string cross sectional plugging, Cutting/milling in large casing, Pull tubing, Logging challenges, PWC, Reliable and efficient barrier verification methods, Dual casing bond logging, Alternative plugging solutions, Rigless P&A