

1. Problem Statement

Nexen sought to reduce offshore non-productive time (NPT) to drive greater efficiency of the platform supply vessel (PSV) fleet.

2. Aims

- To reduce logistics NPT to below 30 per cent in 2015.
- To manage logistic costs more effectively.

3. Method

- Offshore teams were challenged to place greater emphasis on planning and scheduling to ensure the PSVs were working more efficiently.
- Vessel NPT metrics were also examined which demonstrated that further cost management improvements could be implemented, including vessel sharing and ultimately reducing the PSV fleet.

4. Impact

- The focus on reducing offshore NPT has enabled Nexen to challenge the manner in which it operates its PSV fleet and change entrenched ways of working.
- This has resulted in the reduction of the PSV fleet by one term vessel and a reduction in dependency on ad hoc spot-hires.
- It has resulted in annualised savings of £3.5-£4 million.
- Further improvements to vessel sailing schedules have the potential to reduce the PSV fleet further, saving an additional £1.25-£1.5 million per annum.
- Vessel savings were a major contributor in improving Nexen's lifting costs in 2016.

Reduced NPT

30%

Total savings anticipated

Annualised savings of
£3.5-£4 million