### **UOC Summary**

Regional

**OPEX & Production** 

Field Costs



## North Sea Transition Authority UKCS Operating Costs

### **Executive Summary**

Unit operating costs (UOC) increased from £11.1 per barrel of oil equivalent (boe) to £15.2/boe on the UK Continental Shelf (UKCS) in 2021 amid difficult operating conditions as a result of the continuing Covid19 pandemic. The execution of previously delayed shutdowns together with planned maintenance contributed to lower than forecast production and higher operating expenditure (OPEX).

Global economic conditions suggest that OPEX will remain high and subject to inflationary pressures at least in the short term, while production projections for the UKCS remain largely unchanged, meaning potentially higher UOC in the coming years. Continuing the cost discipline and efficiency focus demonstrated by operators in recent years will help to ensure the UKCS remains competitive internationally on a cost basis.

This report displays performance and trends of operating expenditure, production and unit operating costs for the UKCS across all regions and by various infrastructure type. To request more information from this report contact the NSTA via <u>ppr.team@nstauthority.co.uk.</u>

Operator UOC

UOC + PE

UOC + Emissions

ETS OPEX

Next

### Production







fields, terminals and pipelines) and dividing by the total hydrocarbon sales production.



Average UOC increased in all regions of the UKCS in 2021. The CNS region recorded the biggest increase, with an 8% rise in OPEX and 15% decrease in production, resulting in UOC going up 28%. The CNS region accounts for the highest share of production and OPEX, giving it the biggest impact on the overall UKCS UOC.







### North Sea Transition Authority

**UOC Summary** 

Regional



# 5.5

### **Field OPEX**

Direct OPEX rose from £5.2bn in 2020 to £5.6bn in 2021, a year-on-year increase of 7%. It is forecast to remain at this level in 2022.

The main driver in OPEX is facility costs (£0.5bn increase). This is expected to slightly decrease from £4bn to £3.8bn in 2022.

Wells OPEX was £0.5bn in 2020-2021 and is forecast to remain at this level in 2022.

"Other" OPEX (operating costs not directly attributed to wells and facilities, for example, insurance costs) declined by 18% from £1.2bn in 2020 to £1bn in 2021, but is expected to return to £1.2bn in 2022.

It is possible that operators increased spending in 2021 in an effort to address infrastructure maintenance backlogs.

### **Field production**

Production sales volumes declined by approximately 15% from 2020 to 2021. The drop in production is partly due to the natural decline of the mature UKCS basin. However, in 2021 the decline was more severe due to the increased amounts of maintenance completed in the summer months. Major maintenance projects were conducted in the Central North Sea (CNS), leading to the temporary shutdown of many of the UKCS's largest producers. Hydrocarbon production is expected to increase in 2022, however, it is not expected to recover to 2020 levels.

In 2021, crude oil and natural gas accounted for 93% of UKCS production sales, NGLs made up 4% and condensate 3%.

While the UKCS is expected to enter a period of production decline, the share of fluid types is likely to remain the same.



























