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OVERCOMING A CHALLENGING 18MONTHS...  
**WHAT WILL THE FUTURE  
OF ASSET INTEGRITY BE?**

**ANDY DODDS**

Senior Business Unit Manager - Asset Integrity



It was reported that that In 2017, the North Sea lost out on 14.7 million barrels of oil due to asset integrity issues.

(source: Asset Integrity Task Group)

2020

The importance of continued asset integrity technology enhancements.

2017

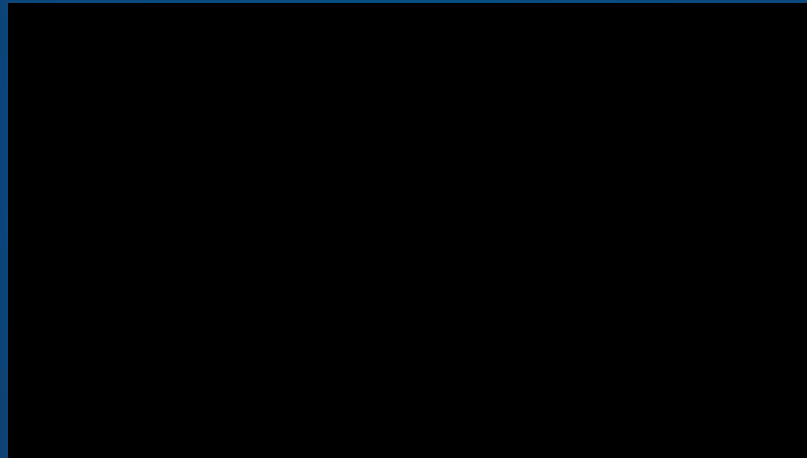
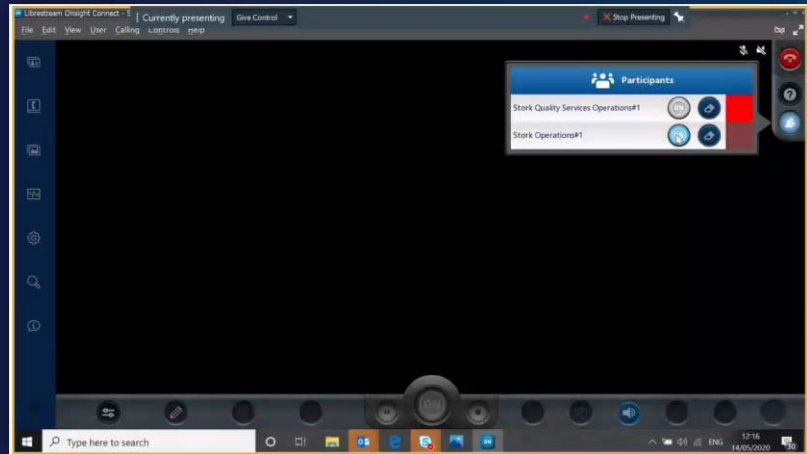
A recent survey by consultants, McKinsey & Company, found that digital and technology adoption is taking place 25x faster than before the pandemic and many innovations will remain in place after recovery.

2021  
&  
BEYOND

**STORK**

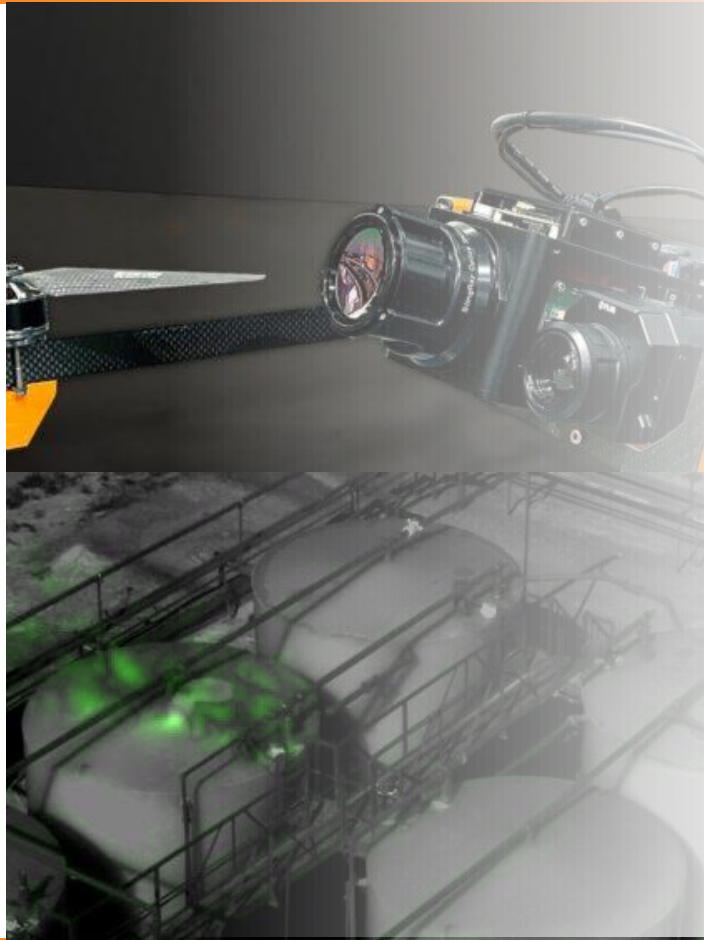
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# REMOTE & ROBOTIC INSPECTIONS



# CASE STUDY

## OPTICAL GAS IMAGING (OGI)



### Results:

- Identified / pinpointed potential gas leaks
- Interim & detailed inspection reports supplied
- The UAV inspection negated the need to shut down production
- Reduced cost and duration - efficiency increase
- Increased effectiveness and minimal impact on ongoing operations

### Benefits:

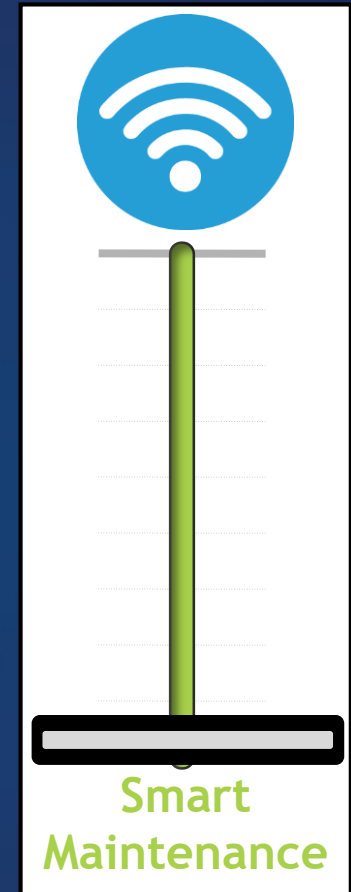
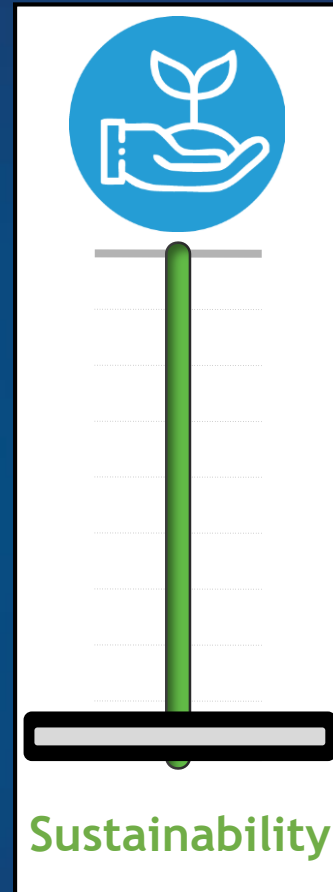
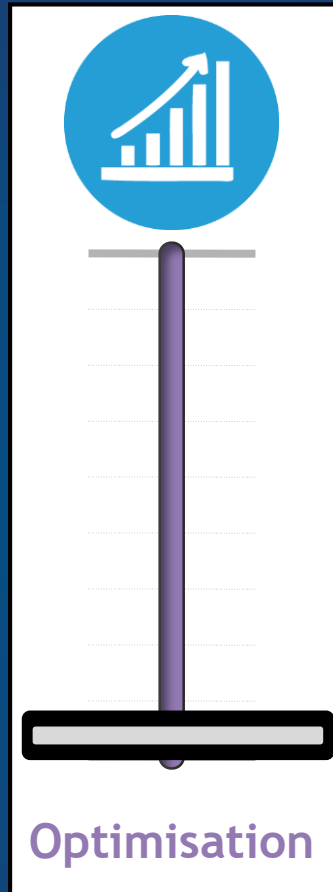
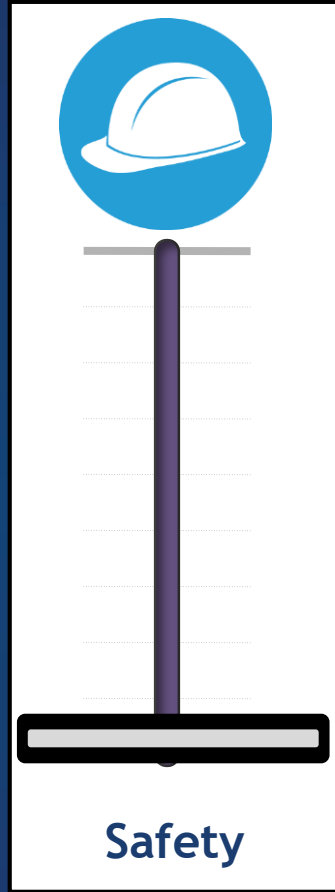
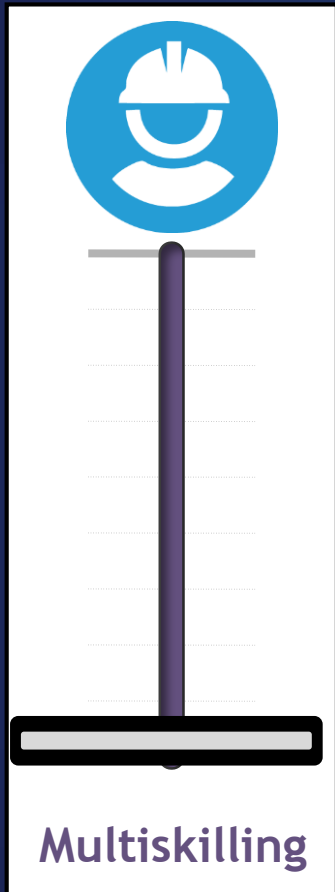
- ✓ Reduced inspection time
- ✓ Increased effectiveness and minimal impact on ongoing operations
- ✓ Efficient method of understanding integrity issues
- ✓ Targeted inspection completed in 3 days
- ✓ Large volume of data sets delivered
- ✓ Significant reduction in risks associated with scope
  - No need to place personnel into potentially dangerous environments

# WEARABLE TECHNOLOGY FOR YOUR ASSET

## PlantSENS® - *Redefining the sensory data landscape*

- A distributed sensor network
- multiple data sets are displayed on a single dashboard
- real time trending/optimisation
- scalable to any size, from a single-sensing technology to large scale full asset monitoring, which is also transferrable to any industry
- Saving time and costs, while increasing efficiency, performance and reliability on assets.





# COMBINATION

WHAT ELSE IS IN THE FUTURE OF ASSET INTEGRITY?

# CLOSING

- Delivery through effective mitigation
- Maintaining the highest of standards of support
- Ensuring assets are consistently protected
- Continuing to advance with modern technology and remote digitalisation programmes
- Cross-sector trust, effort and commitment is required.



**STORIK**

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**THANKS FOR LISTENING**

JOIN US IN OUR BREAKOUT ROOM

