



Bringing the Practical Touch to Business Improvement

Scaffolding Schedule Optimisation

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Success Story

1. Why are we doing it?

Inefficient booking of scaffolding resources was identified as an issue. This had safety implications and results in additional cost to an energy company as well as increasing the instability of vendor supply which, in-turn, increases the amount of green hat scaffolders, that is scaffolders who are new to the asset, on the platform. Approximately 50% of the ad-hoc scaffolders sent to a platform are green hats, of which approximately 25% are new hires. The higher number of green hats can lead to an increase in error / injury as well as inefficiencies due to inductions and being unfamiliar with the asset.



2. What was happening before?

- There was no cross business function or cross-asset consideration in the existing planning process which resulted in a high proportion of scaffolders on each asset being deployed in ad hoc manner
- No process for baselining resource requirements and Persons on Board (POB) levelling on each asset
- No process for considering cross functional requirements
- Poor system of handover regarding asset requirements creating additional work
- Inaccuracy within management software reporting creating scheduling issues
- Ratio of scaffolder Performing Authorities not optimised for maximum efficiency
- Communications around mobilisation in general not effective


3. How is it now?

Following full analysis of historical and forecasting data, the base scaffolding POB requirements for each asset have been reset. A process to manage this on an ongoing basis is deployed:

- Cross functional logic delivered as part of new process. All scaffolding POB scheduled as part of process / no split for fabric maintenance
- User guide for the management software reporting has been developed and circulated
- New reporting system in compatible format deployed for company interfaces

4. What have we achieved?

- Scaffold POB authorised to increase on assets with immediate effect
- Company has increased the ratio of PA's within their teams
- Communications and reporting of a higher quality
- Standardization across assets
- Supplier engagement improved



Mobilisations
for Scaffolding
reduced by 30%

Improved safety
on assets

More stable
scaffolding
schedule

5. What benefits have we realised?

- Mobilisation requirements have been reduced by approximately 30%
- The changes implemented deliver a safer, more stable, efficient and predictable environment.
- On Time Delivery of planned work increased

6. What was the value of the deliverables?

- Mobilisation reduction annual saving of £128K

