SUBSEA CONTROL SYSTEM TIE-BACKS TO LATE-LIFE ASSETS

Managing the unknown

THE QUEEN'S AWARDS FOR ENTERPRISE: INNOVATION 2016

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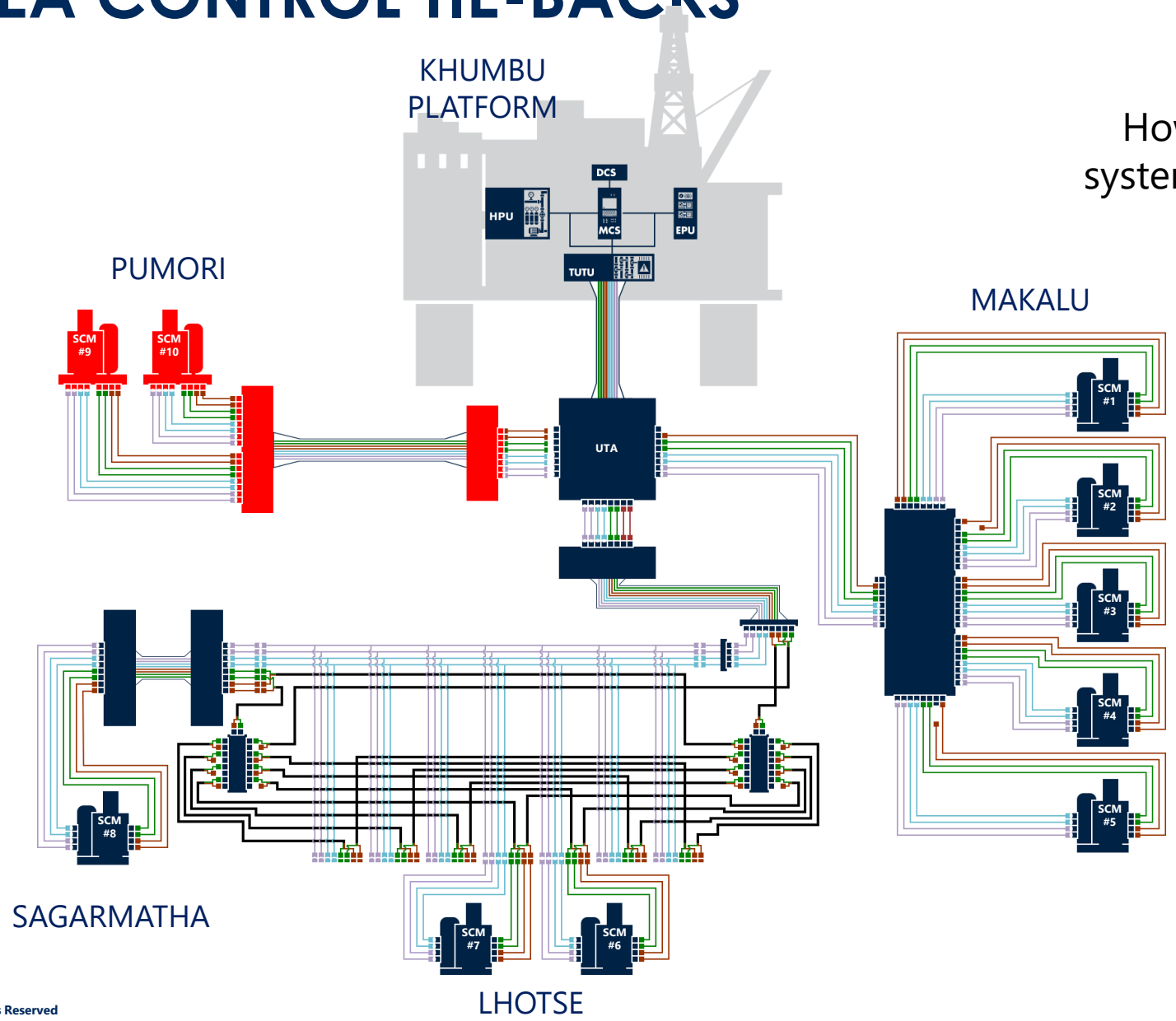
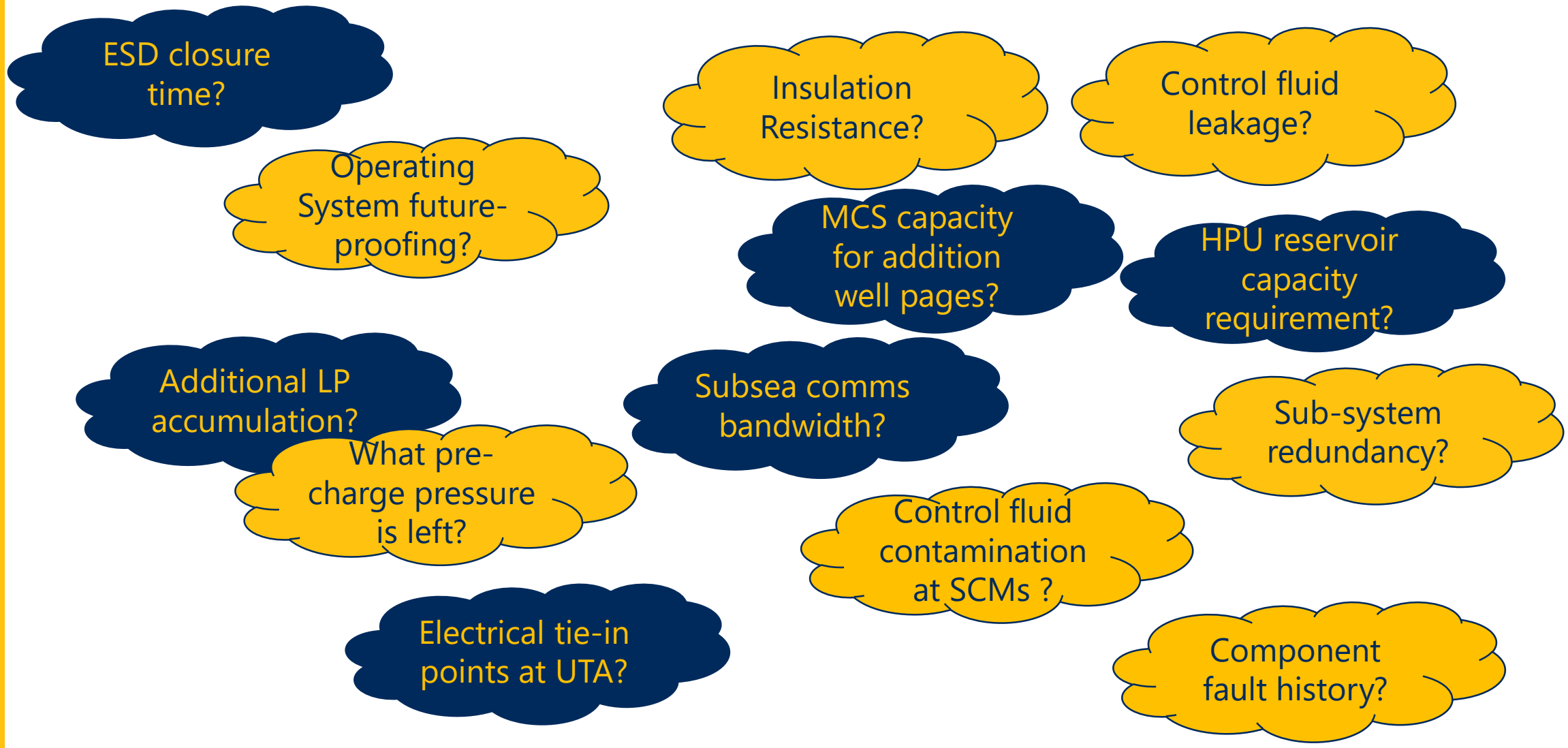
SUBSEA CONTROL TIE-BACKS



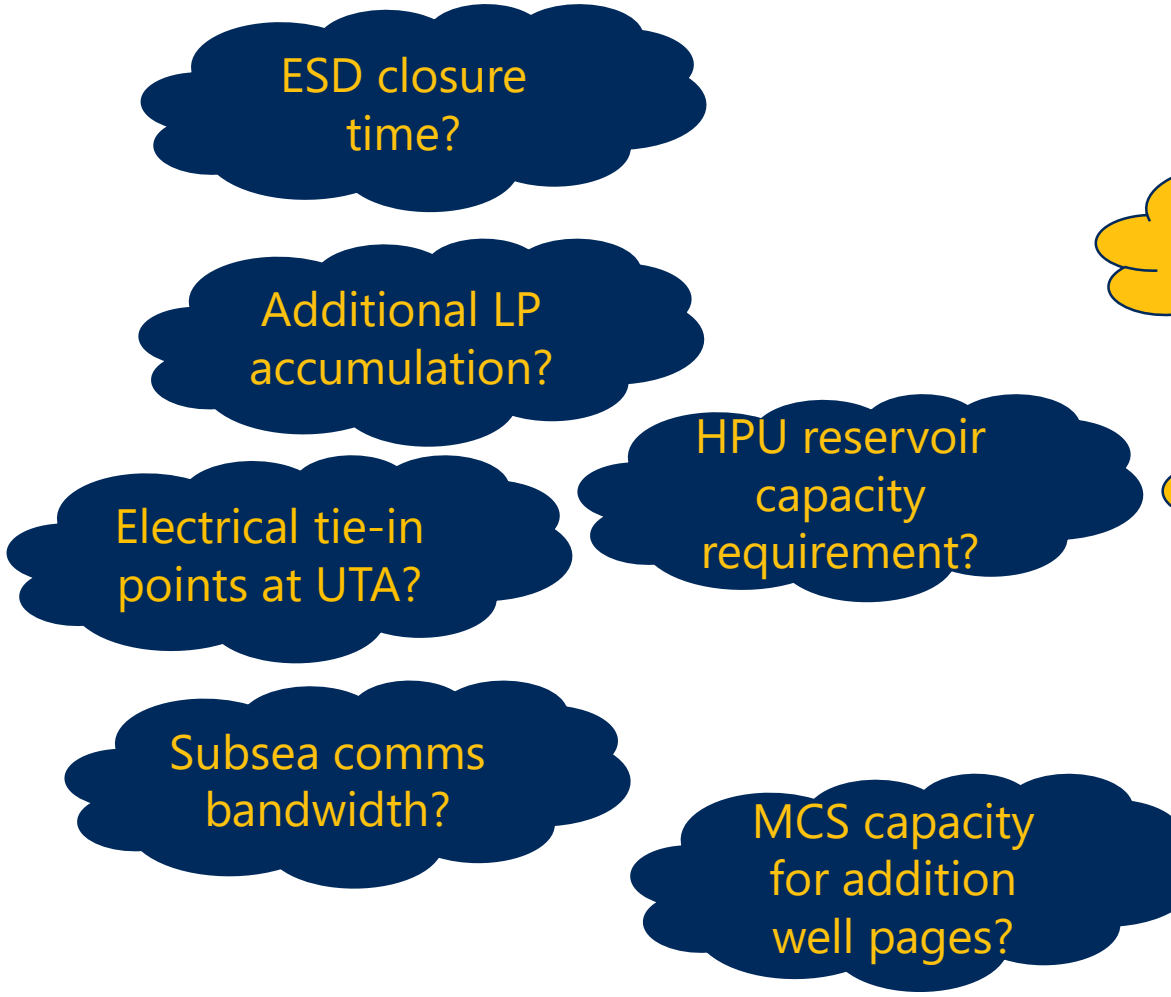
How will the legacy system react to the new load?

THE UNKNOWNS

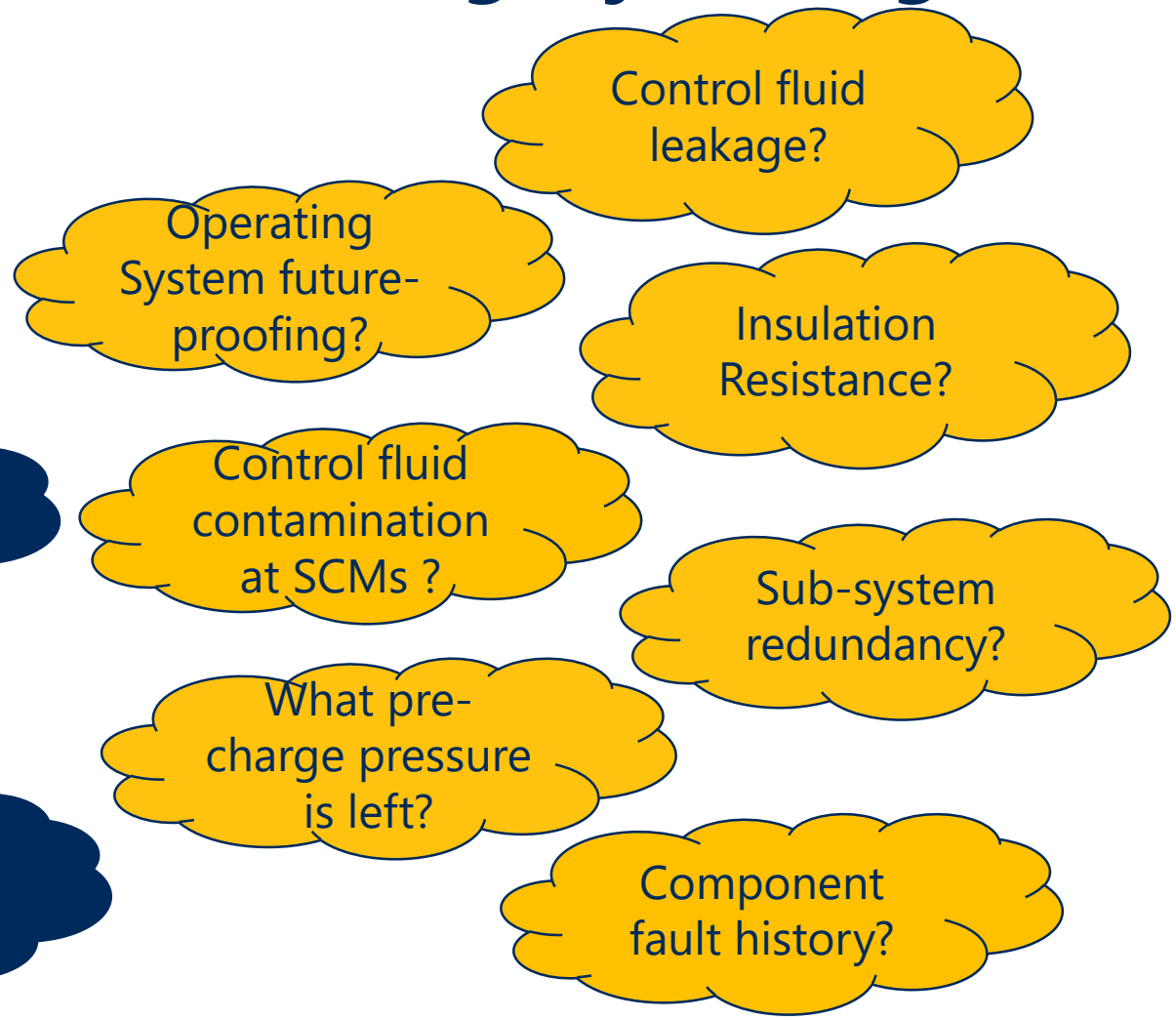


ANSWERING THE QUESTIONS

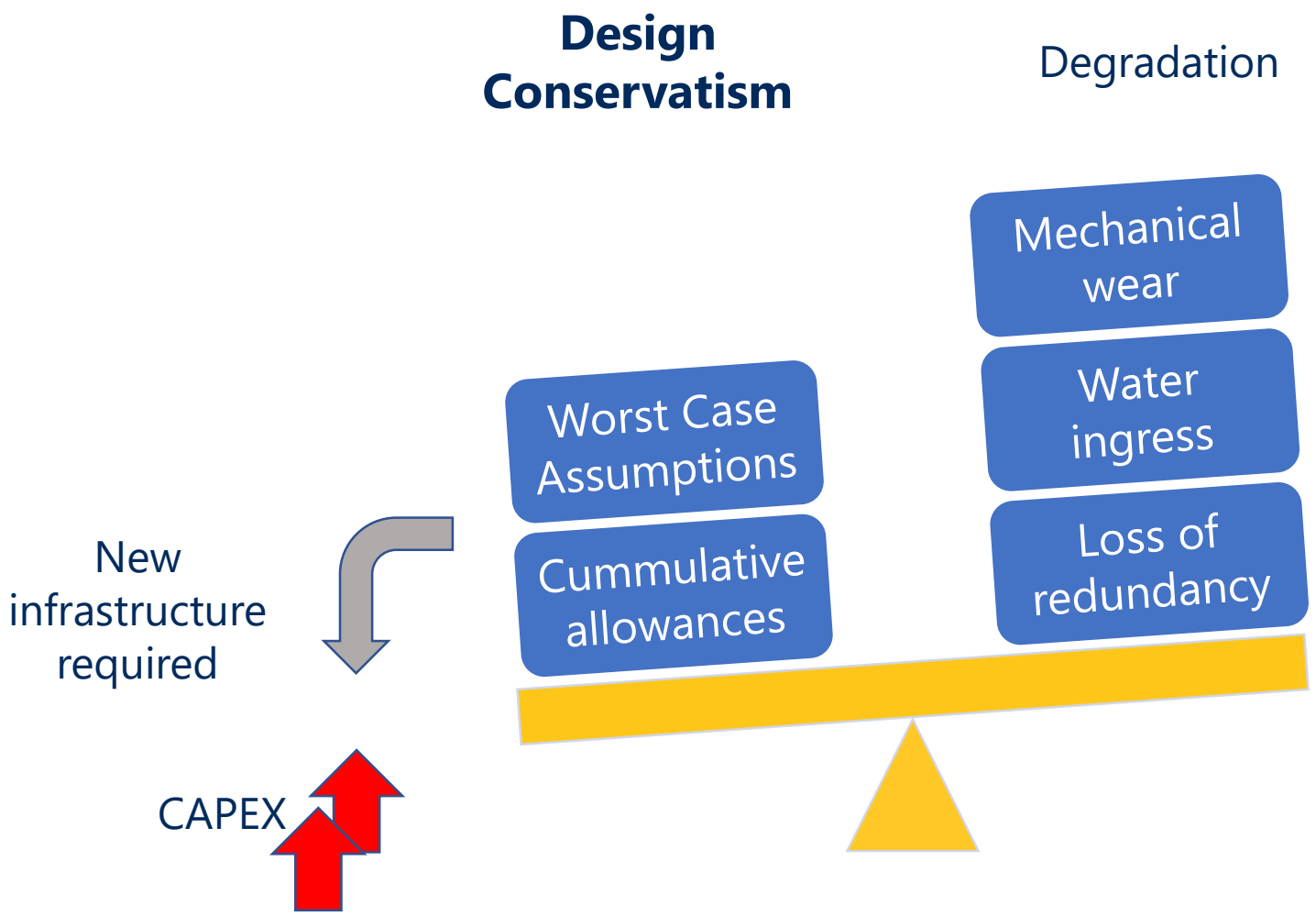
From Analysis



From Integrity Management



THE UNCERTAINTY BALANCE



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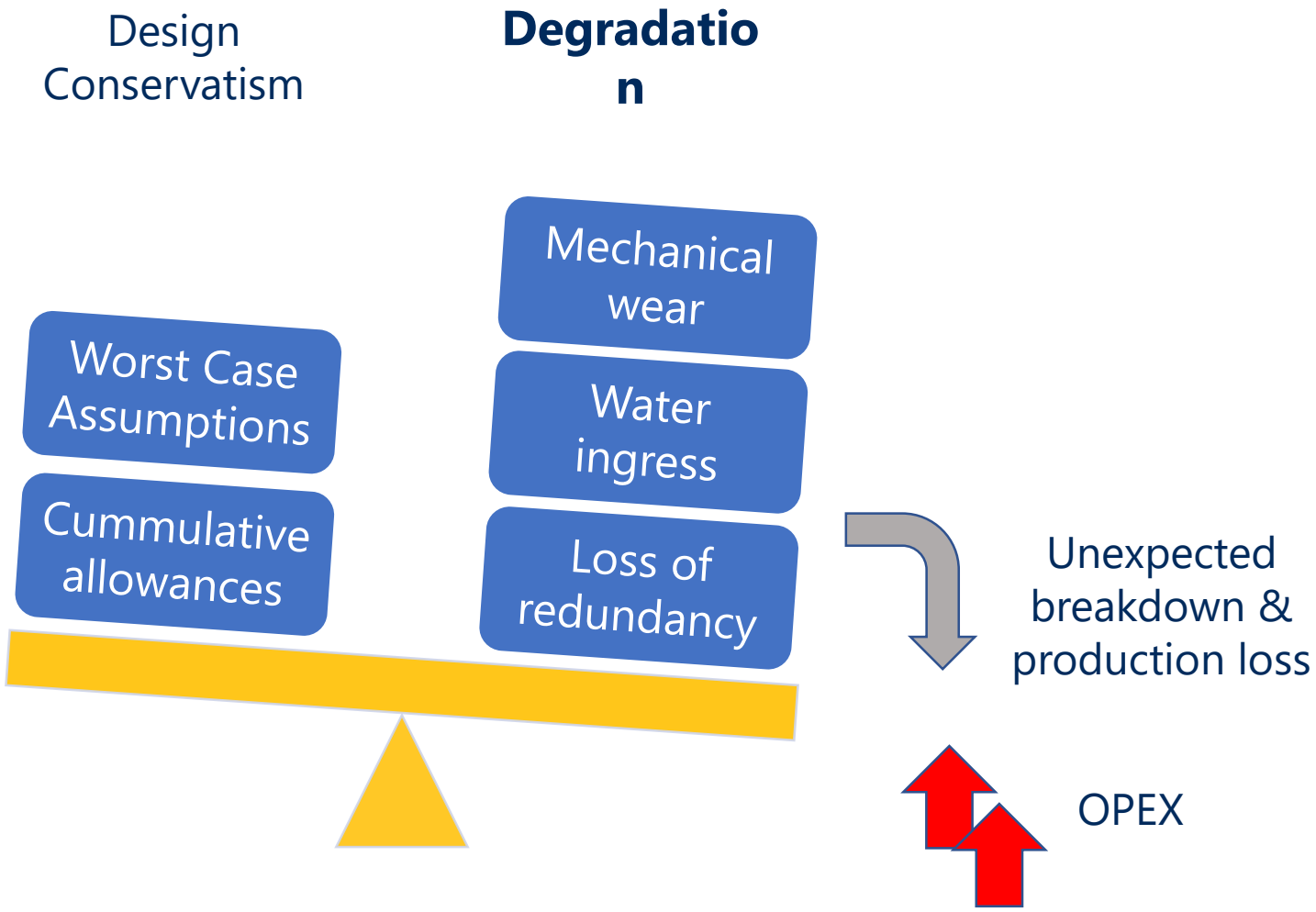
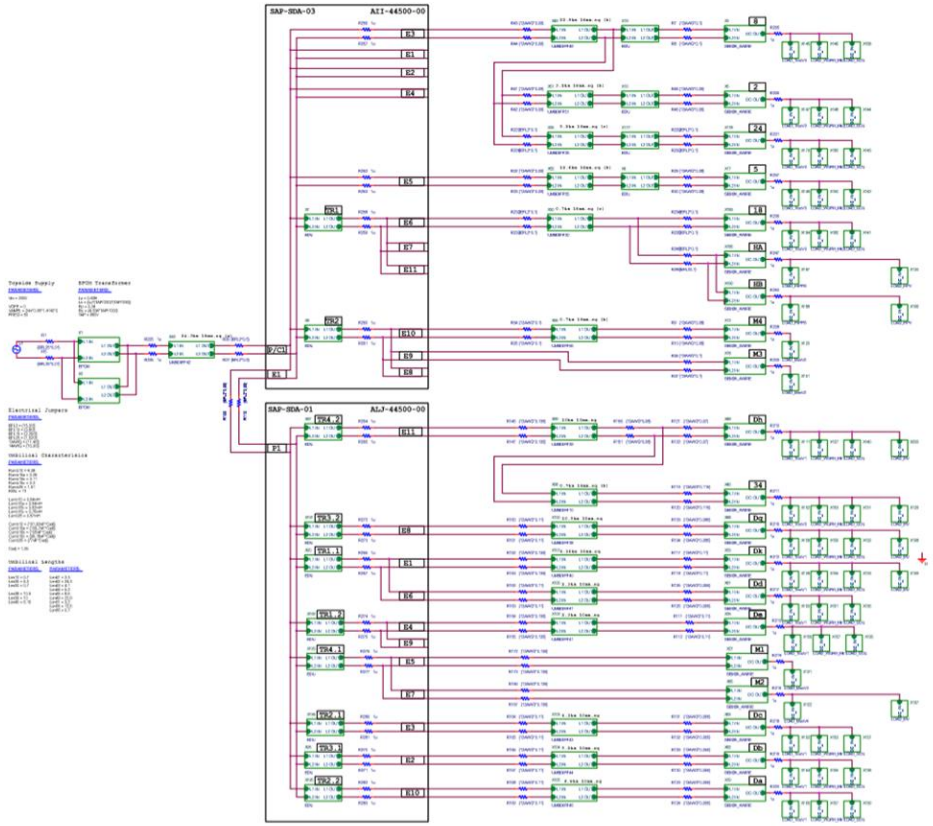


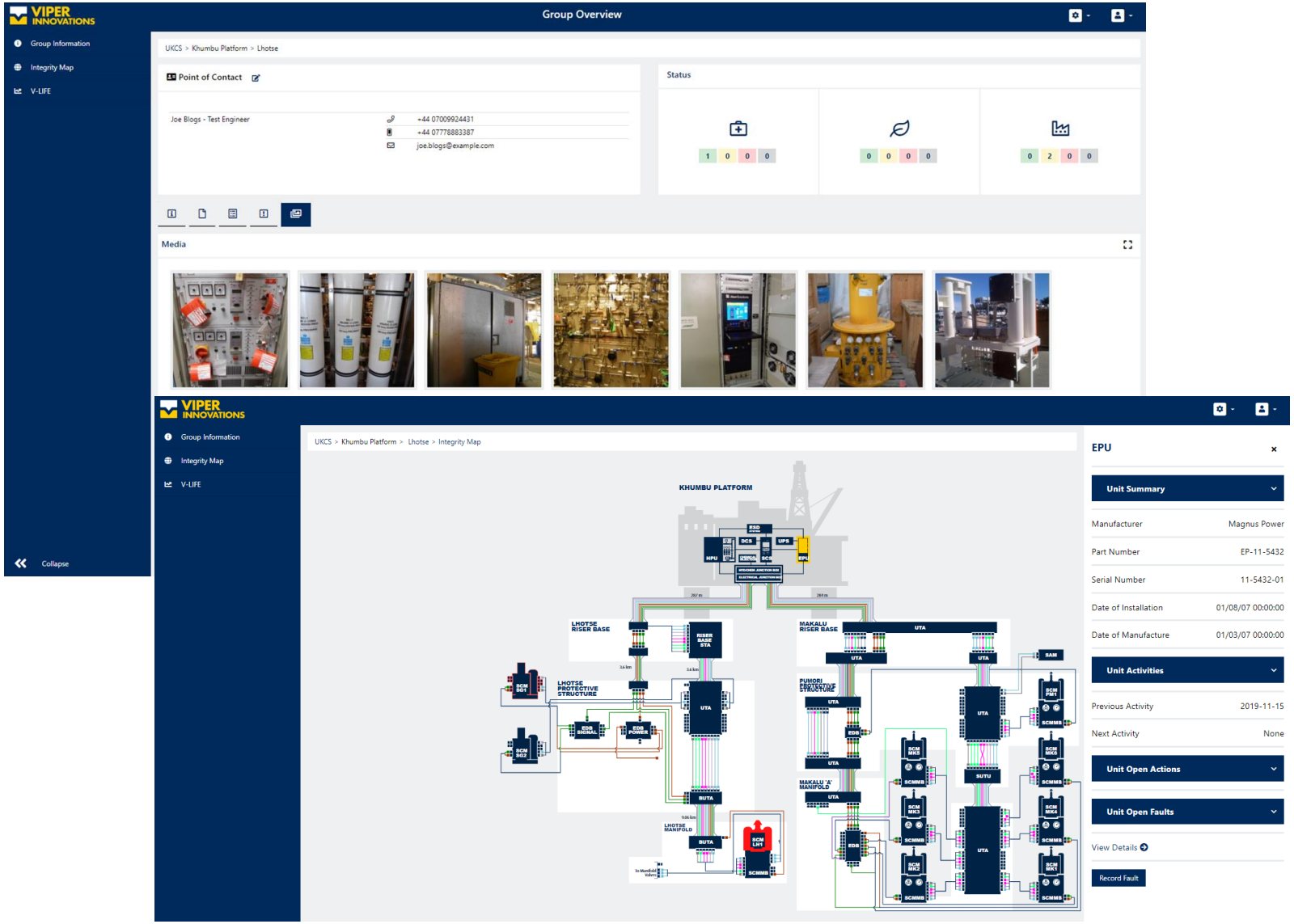
ADDRESSING THE CAPACITY QUESTIONS

- Validation of the electrical and hydraulic analyses with real-world input / output data.
- Refining the software models to quantify the actual operational headroom.
- Interface and set-up optimisation.

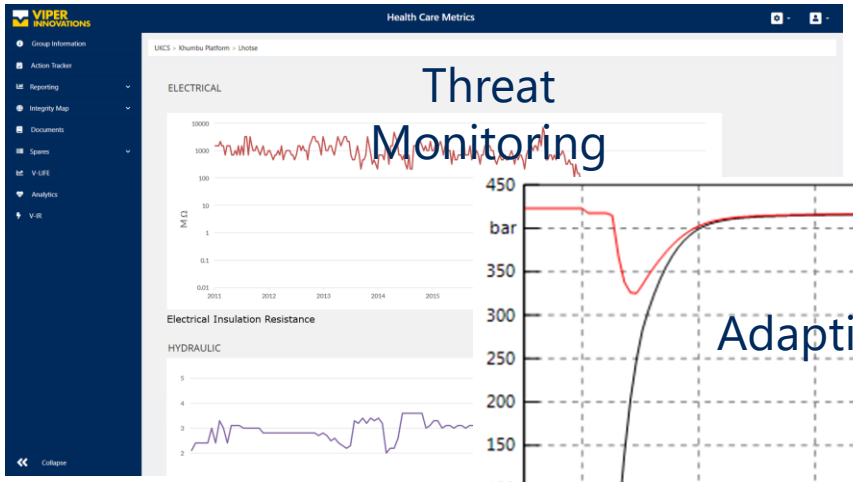


ADDRESSING THE INTEGRITY QUESTIONS

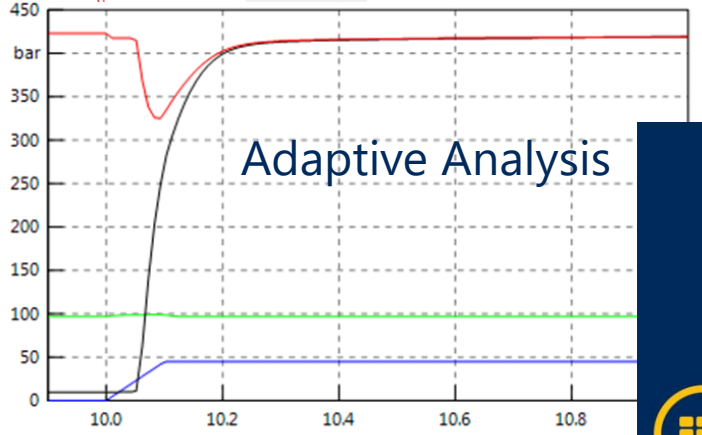
- Systematic collection of data.
- Turn data in meaningful KPIs.
- Record fault history.
- Record the maintenance & repair history.
- Compile all the information in one place.
- Identify and monitor threats levels.



THE PRIZE



Threat Monitoring



Adaptive Analysis

Informed investment decisions based on the best use of the available evidence.

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