

Gebruik van nieuwe technieken om risico's in de keten te verlagen

Workshop 5

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Network for Smart Maintenance

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CUI – a major corrosion problem



Colum dia 2 m, length 36 m Repair costs 500 K€







Corrosion under Insulation is a serious risk for companies looking at health, safety, environment and reputation.

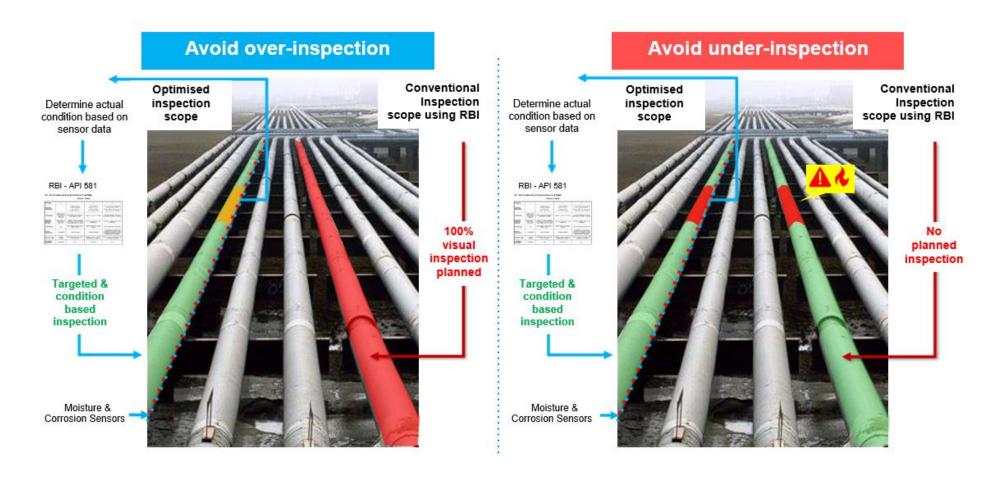
Wouldn't you like to be in control?

- Being in Control limits risks of unexpected events.
- Being in Control will help prevent uncontrollable damage
- Being in Control will avoid the risk for unpredictable cost.
- Being in control will help You being a thought leader towards your management, stakeholders and within the Industry. It will strengthen your brand.
- Being in Control will make You an example in the CSP community, even with the local government.

Sitech offers an opportunity to adopt the tools of change, not just follow along with the trends.

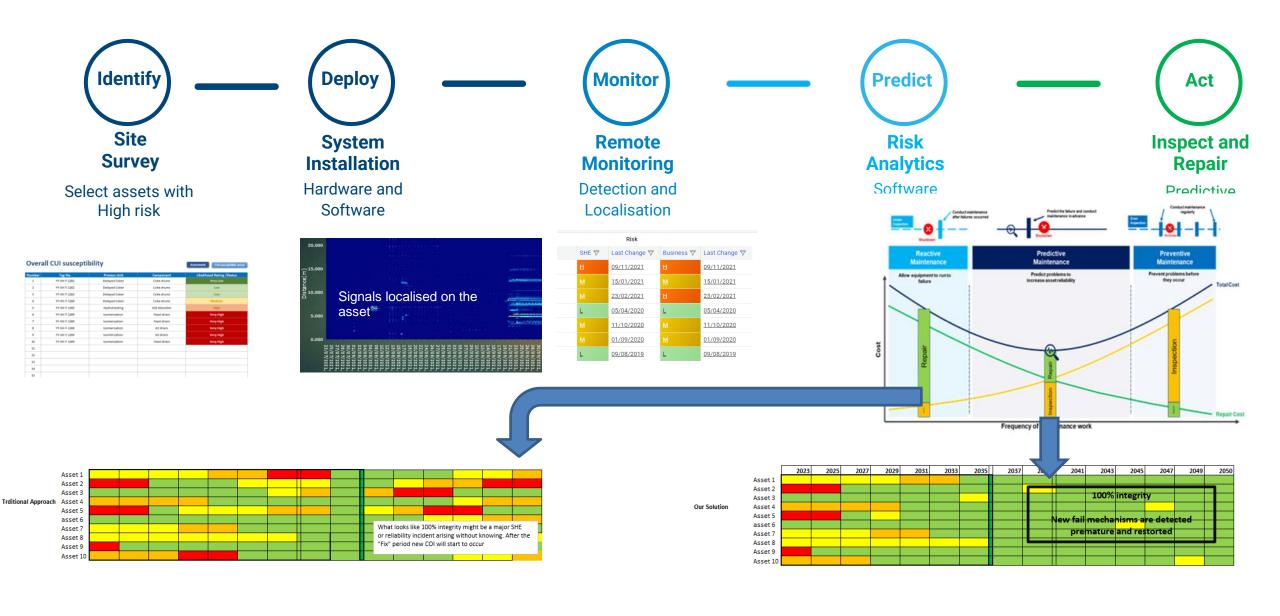


Most common practise of CUI detection.

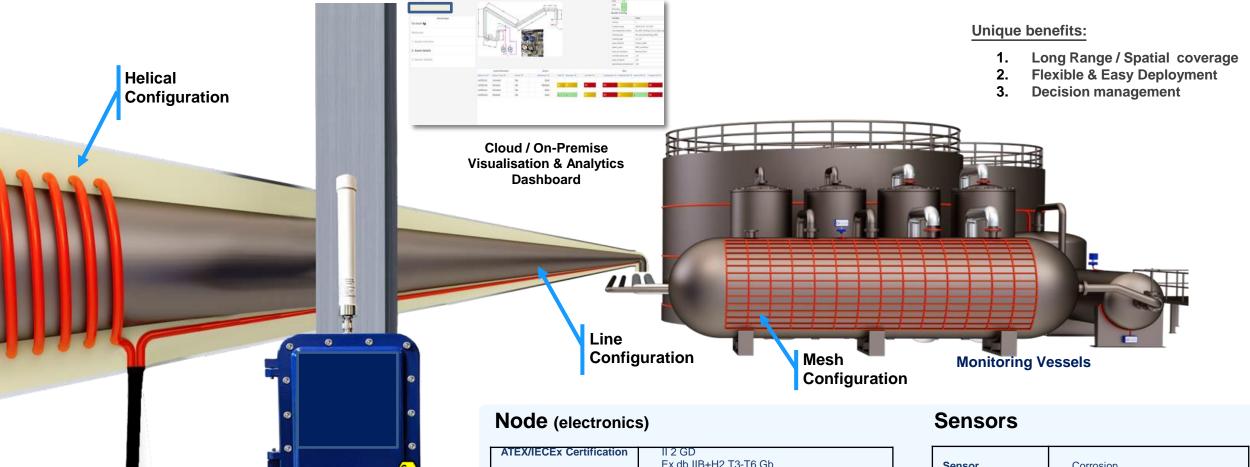




Optimisation of CUI Risk and Inspection Scoping



Greenfield: CUI Risk Monitoring with Moisture and Corrosion Sensing



ATEX/IECEx Certification	II 2 GD Ex db IIB+H2 T3-T6 Gb Ex tb IIIC T85°C - T150°C Db
Ingress Protection	IP66
Power Source	Mains (24 VDC) / Long life Battery
Communications	Wireless:
	WiFi/Cellular/WirelessHART/LoRa Other options: USB Data Logger
Approx. Dimensions (mm):	284H X 245W X 169D (Without Antenna)
Approx. Weight	11.2 Kg

Sensor Types	Corrosion Moisture
Sensor	Up to 100 m
Length	
Temperature Range (°C)	- 190 to +300 °C

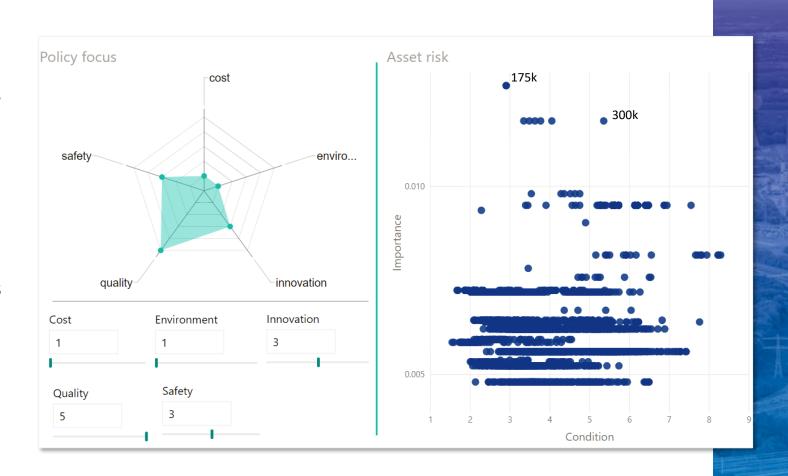


How can **risks** in CUI management be quantified and compared?

Strategy and policy have impact on the value matrix, applied to assess risk on asset level.

The risk-model allows lineof-sight between strategic and **operational** layers of the organization.

A shift in company values is carried forward to the risk assessment on individual asset level.



*>SITECh services

analyze. optimize. maximize.

VOLBERDA (2007/2011) high sloth fase van innovatie type van innovatie **TECHNOLOGISCHE** 25% NIEUWE INNOVATIE INNOVATIE KENNISCREATIE SUCCES · R&D en ICT TECHNOLOGIE SOCIALE HERKENNEN INNOVATIE 75% VERWERVEN INNOVATIE MANAGEMENT INTEGREREN SUCCES ORGANISATIE en TOEPASSEN ARBEID **VAN KENNIS** social innovators.





Wat weerhoudt ons om nieuwe technieken in te zetten tbv veiligheid?

Wat is er nodig om tot actie over te gaan?