



Institute of Corrosion partnering with  
**Adam Lea-Bischinger**  
of the Institute of Asset Management  
(IAM)

27<sup>th</sup> April 2020



# “Asset Management and how it can deliver value to your Organisation”

# About Me

- **15 years working in Maintenance, reliability, Asset Management and Inspection**
- Major oil and gas projects – also power, mining and infrastructure
- Worked for EPIC, Operators and supply companies
- Working in Middle East, North America, Europe and Australia
- **Masters Degree in Engineering, Materials and Corrosion**
- Post graduate training in Inspection, IoT and NDT
  
- CMRP – Certified Maintenance and Reliability Professional
- Certified Reliability Leader (Association of Asset Management Professionals)
- Certificate & Diploma in Asset Management – Institute of Asset Management
- Chartered Manager (Chartered Management Institute)
- Chartered Engineer CEng – Member of the Energy Institute
- European Engineer EurEng



# Q&A

Selection of Questions to **Adam Lea-Bischinger** , Post-Presentation 27/04/2020

# Questions and Answers – MCF / ICorr Joint Event Aberdeen – April.2020

- **Q.** Do you have a LINKEDIN Page ?
- **A.** Yes, please see <https://www.linkedin.com/in/adleabis/> and <https://www.linkedin.com/company/the-iam/>
- **Q.** Are your Aberdeen Meetings open to all. Both IAM Members and Non-Members ?
- **A.** Yes, there are no restrictions at all.
- **Q.** Do you currently have an Online Teaching Programme at IAM ?
- **A.** Yes, this is being finalised will be rolled out very soon. Please also refer to: <https://on.abdn.ac.uk/courses/introduction-to-asset-management/>
- **Q.** Can you provide more Details please on 'Hands-Free' Asset Management Software.
- **A.** Generally speaking, proprietary Asset Management Software does not provide a 'Total' solution but may be used as a contributory part of the Asset Management Process. There are also many supporting Hardware Options now available to support Asset Management. E.g. <https://realwear.com/solutions/> **Hands Free Solutions for First Line Jobs** and R2S – **Return to Scene**, Digital Twin solution <https://www.r2s.co.uk/>

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- **Q.** As a Welding Engineer, can I retrain as an Asset Management Engineer.
- **A.** To a certain degree, good Asset Management involves Everyone / Every Discipline however there are certainly many Online Opportunities to further your knowledge such as SMRP - Society for Maintenance & Reliability Professionals  
<http://smrp.org/About/About-SMRP>
- **Q.** Conditioning Monitoring is being increasingly used to postpone planned Asset Outages, sometimes Maintenance is being postponed by 3yrs or more. Is this safe practice ?
- **A.** There is a huge variety of Conditioning Monitoring Equipment now available both Wireless and Non-Wireless but specialist Independent advice must be sought before relying too heavily on the outputs of such Equipment. Refer:  
<https://www.dnvgl.us/services/offshore-condition-monitoring--12179> and other Verification Bodies / Specialist Vendors.

# Questions and Answers – MCF / ICorr Joint Event Aberdeen – April.2020

- **Q.** Do you believe that these devices give rise to Cyber Security Threats ?
- **A.** Certainly wide-spread coverage of Assets with multiple devices from different Vendors should not go unregulated and it is advisable for Asset Operators to employ Cyber Security Specialists to review any proposed applications and conflicts that may be present. Refer: [https://www2.deloitte.com/uk/en/pages/digital-transformation/articles/cyber.html?utm\\_source=google-ads&utm\\_medium=ppc&utm\\_campaign=thrive&utm\\_content=cyber&gclid=EAlaIQobChMI1vX52-2I6QIVD-vtCh2mDgHeEAAYAyAAEglkevD\\_BwE](https://www2.deloitte.com/uk/en/pages/digital-transformation/articles/cyber.html?utm_source=google-ads&utm_medium=ppc&utm_campaign=thrive&utm_content=cyber&gclid=EAlaIQobChMI1vX52-2I6QIVD-vtCh2mDgHeEAAYAyAAEglkevD_BwE)
- **Q.** Can you be more specific please about the management of Late Life Assets.
- **A.** Again this is a specialist work area that requires more detailed consideration in relation to ISO 55000 guidance. It may be useful to refer to sites such as: <https://www.lr.org/en/insights/articles/late-life-asset-management-in-north-sea-oil-and-gas-1/> and <https://www.ogauthority.co.uk/media/3669/uk-north-sea-strategy-innovations-to-late-life-and-decommissioning-oga-presentation.pdf>



# Questions and Answers – MCF / ICorr Joint Event Aberdeen – April.2020

- **Q.** Why does Australia seem so far ahead in these Asset Management matters and regulation?
- **A.** Australia is of course a bit of a special case, as most of its land area is unpopulated / uninhabitable, relying heavily on its Rail and Road links to transport goods across vast and hazardous desert areas, East to West and North to South. This is probably one of the reasons why they are so ahead of the game and things appear so well controlled / regulated. Refer:  
<https://infrastructuremagazine.com.au/2019/12/09/the-5-biggest-asset-management-stories-of-2019/> and  
<https://www.mckinsey.com/~media/McKinsey/Featured%20Insights/Asia%20Pacific/Australias%20infrastructure%20innovation%20imperative/Australias-infrastructure-innovation-imperative-final.ashx> and  
<http://maps.infrastructure.gov.au/KeyFreightRoute/index.html>