Industry – University Collaboration Opportunities

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My Background

- CEng MEng Materials Science & Engineering
- Asset Management – Physical not Financial
- Inspection, monitoring, maintenance, reliability, corrosion
- Risk, business planning and training
- Data and information
Industries I work With
Water Industry
Mining
Ports and Harbours
Power Generation and Distribution
Offshore Wind
Technologies
Drones UAV
Drones AUV
AR and VR
Asset Data Capture
Databases and mobile Solutions
You can’t control what you can’t measure
Critical Aging Infrastructure

- Motorways
- Bridges
- Sewers
- Power cables
- Hospitals
- Schools
- Nuclear power stations

- Need to be maintained
- Replaced
- Or upgraded
Where Can University Support

Corrosion control – new materials, coatings, polymers, chemistry modification

Sensors – temperature, pressure, flow, IIoT,

Software and immersive environments – computing department

Business and legal – new business models

Phycology and sociology – human behaviours, training, learning, development, risk management

Inspection – Physics, NDE, wireless coms, robotic systems, drones
Funding Opportunities
Let's Talk about your ideas