

LUX ASSURE - ILLUMINATING OIL AND GAS

APPLYING BIOCHEMISTRY TO SOLVE DETECTION ISSUES IN THE OIL AND GAS INDUSTRY

LUX Assure* is a technology development house specialising in delivering simple to use chemical monitoring technologies for the oil and gas industry. Our LUX Assure product portfolio helps ensure chemicals used in production are applied at optimal concentrations; by preventing over-use our technologies can help cut costs and mitigate environmental risks and by identifying under-dosed systems better chemical regimes can be implemented. We draw on expertise and tools from the life sciences and most of our technologies use light-based methods which enable the development of rapid, simple and inexpensive products suitable for onsite use. The novelty of our approach has been recognised by both the oil and gas industry and more widely and we have won many awards for innovation.

We welcome enquiries from potential collaborators; perhaps you have a problem in detecting a particular chemical, or want to use a simpler method, if so, contact us.

Key Features of LUX Assure

- Develops technologies in collaboration with industry players to solve “red flag issues”
- Develop technologies that exploit the advantageous properties of light: rapid, simple and quantifiable
- Technologies developed with onsite use in mind (easy to use, portable, rugged)
- Flexible, small company for quicker technology development

Flow Assurance and Asset Integrity

- ✓ LUX Tag™ - labelling of oilfield chemicals with detectable tags that allow simple and sensitive determination of their presence and concentration at the point of sampling
- ✓ OMMICA™ - a quick and simple assay for analysing the concentration of thermodynamic hydrate inhibitors, such as methanol and monoethylene glycol, in crude oil and condensate
- ✓ CoMic™ - a real-time photonics based method for ensuring effective corrosion inhibitor concentrations

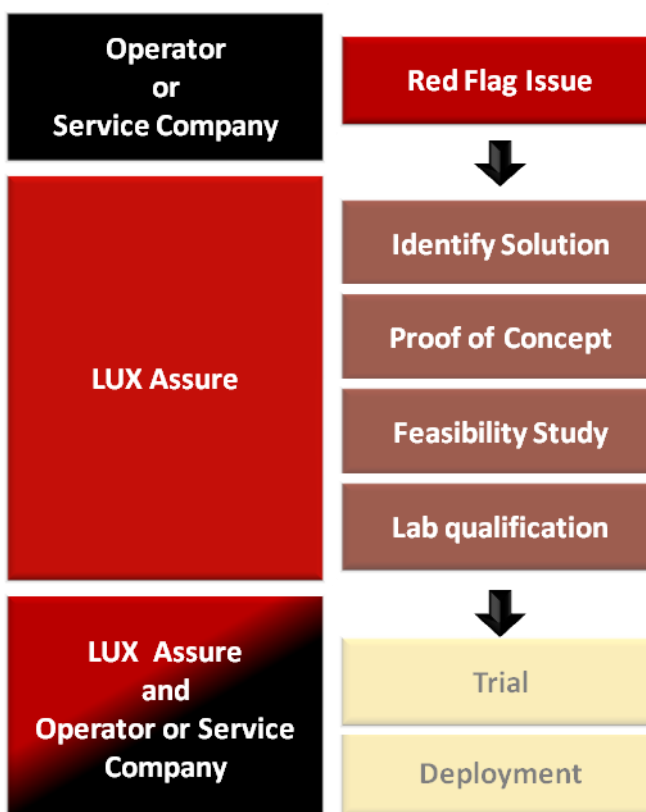
Reservoir Monitoring

- ✓ LUX Tracer™ - simple on-site analysis of chemical tracers for reservoir characterisation and enhanced oil recovery

Environmental Compliance and Process Optimisation

- ✓ LUX Monitor™ - a novel technology platform for rapid monitoring of oil-in-water and water-in-oil with several advantages over existing methods

Business Model



* a division of LUX Innovate Ltd

LUX ASSURE

FOR MORE INFORMATION CONTACT:

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