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Software development and market diversification focus of joint KTP for James Fisher Asset Information Services and RGU

Aberdeen-based visual asset and data management specialist James Fisher Asset Information Services (JF AIS), part of James Fisher and Sons plc, has joined forces with Robert Gordon University (RGU) for a Knowledge Transfer Partnership (KTP) with a focus on the construction and infrastructure sectors.

The two-year project, aims to develop and translate JF AIS's award-winning digital twin solution, R2S, already a proven game-changing technology for the oil and gas industry, for the global construction and infrastructure sectors.

JF AIS's Business Support Director, and Chair of the project's Local Management Committee explains how the project came about:

'We've been proactively collaborating with the team at RGU's Scott Sutherland School of Architecture and the Built Environment since 2016. Our research for academic conference papers identified parallels in industry challenges for these massive global markets, to those we have worked to solve within oil and gas. Combined with legislative developments in this space relative to Building Information Modelling (BIM), these powerful drivers meant that formalising our collaboration by way of the KTP, was a natural progression. R&D is a central tenet of our business and we have a fundamental belief that engagement with academia and the establishment of platforms for knowledge exchange not only create commercial benefit but contribute to the wider climate of innovation.'

Dr. Marianthi Leon, Lecturer on Project and Construction Management and the KTP's Academic Supervisor further comments:

"The shifting horizons in construction, infrastructure and energy industries are bringing forward a demand for more efficient and effective collaborations for ensuring projects' success. Our collaboration with JF AIS is building on these principles and our interdisciplinary expertise on project and collaboration management with high-end technological solutions as part of our internationally recognised research is highly contributing to the development of this project. We are looking forward to our exciting collaboration with JF AIS for developing a state of the art technology and solution product for the Construction and Infrastructure industries while bridging the gap between academic research and industry."

Knowledge Transfer Partnerships (KTPs) enable companies to work with higher education or research and technology organisations to obtain knowledge, technology or skills which they consider to be of strategic competitive importance. The UK-wide programme is overseen by Innovate UK, the UK's innovation agency and supported by 16 other public-sector funding organisations.

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James Fisher Asset Information Services Ltd

James Fisher Asset Information Services (AIS) enables asset owners and operators to enhance business performance through informed decision-making – providing transparent, value-added digital solutions that deliver results and drive safe and effective asset management.

With the identification, integration, and interrogation of collected data, AIS provides comprehensive digital asset management solutions that unlock new ways for customers to be more efficient, productive and to reduce costs. The suite of field-proven digital products and professional solutions we offer includes, machine control, visual asset management, real-time tracking, remote safety management, weighing and measurement, decision support, operational modelling, condition monitoring, IoT platforms, control of work, and other highly specialised systems.

We support customers to harness the value of information they have by intelligently linking data together which empowers them to make effective and efficient decisions in real-time.

AIS owns and operates industry-leading digital solutions that are deployed in a diverse range of global markets, including nuclear, defence, oil and gas, mining, offshore renewable energy, marine, transport and infrastructure, and construction. For more information visit www.jf-ais.com

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