



## PRESS RELEASE

### **CorrosionRADAR in alliance with Bureau Veritas accelerates expansion in Middle East offering an integrated predictive monitoring solution**

CorrosionRADAR Ltd has signed a Memorandum of Understanding with Bureau Veritas in the Middle East to deliver an integrated solution that helps oil and gas companies to manage Corrosion Under Insulation (CUI). Global leaders in test, inspection and certification, Bureau Veritas (BV) is the first organisation in the region to integrate the [CorrosionRADAR® predictive corrosion monitoring system](#) with its Opex solutions portfolio.

The unique collaboration which captures the expertise of both organisations and delivers a quality controlled end-to-end solution for asset integrity management, signals new momentum in the Middle East to adopt digitalisation to solve the challenges presented by CUI. It comes at a time when industry confidence and investment in digital systems for risk-based inspection (RBI) is accelerating and an accurate and reliable data-driven response for CUI management is achievable.

The automated solution combines real-time field data and predictive analytics generated via CorrosionRADAR's wireless sensing waveguides under the asset insulation, with Bureau Veritas field experience, quality assurance, integrity and risk-based inspection expertise to save costs through prioritising of maintenance activities, repair and rehabilitation schedules. For operators, this means informed decision making, optimised inspection and maintenance programmes, safer and more reliable operations with decreased risk, and more production uptime. The integrated solution is equally suitable for existing brownfield plants and incorporation in new greenfield build.

Andrea Di Lillo, OPEX Oil and Gas Global Business Development Director at Bureau Veritas said:

*"In accordance with our strategic Opex vision, we welcome this regional collaboration with CorrosionRADAR as we strengthen our asset integrity management portfolio further to digitally address the critical and expensive CUI."*

Sofien Masmoudi, Vice President for Oil, Gas and Chemical at Bureau Veritas said: *"It allows us to expand the RBI experience through a dynamic approach that bridges the gap between current quantitative and qualitative risk management, creating predictive, data-driven inspection and maintenance programmes – adding value for our clients and establishing a route to safer, smarter and more reliable operations."*

Chiraz Ennaceur, Chief Executive of CorrosionRADAR said:

*"There is no doubt that successful management of CUI will rely on the digitalisation of predictive monitoring and assessment. By working alongside Bureau Veritas, we can integrate our technology into their Opex services portfolio and provide even greater support in the region with a sustainable solution that will identify corrosion failure mechanisms at the earliest possible stage and allow operators to take quicker and more precise action, saving costs and increasing performance and safety."*

CorrosionRADAR is planning a series of online discussions and workshops for companies in the Middle East who are interested in learning more about digital collaborations for combatting CUI. Please contact [James Rosenshine](#), Head of Business Development, CorrosionRADAR, if you would like to join us.

*Photo caption:* Dr Mehrdad Silatani, COO, Dr Chiraz Ennaceur, CEO and Dr Prafull Sharma, CTO of CorrosionRADAR Ltd.

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## **Notes to editors**

### **About CorrosionRADAR**

[CorrosionRADAR](#) is recognised internationally for its technology, research and development focused on monitoring and predictive solutions to address problems with corrosion. The company has worked with asset management teams all over the world and fully understands the impact of Predictive Corrosion Monitoring to improve outcomes associated with safety, asset availability and operational expenditure.

A spin-out from Cranfield University (UK), CorrosionRADAR was founded in 2017 by Dr Chiraz Ennaceur, Dr Prafull Sharma and Dr Mehrdad Silatani to integrate novel Electro-Magnetic Guided Radar (EMGR) sensing technology\* into a trusted product range that would allow the industry to continuously monitor and accurately predict Corrosion Under Insulation (CUI).

The CorrosionRADAR team combined the patented EMGR technology with predictive analytics in an Industrial Internet of Things (IIoT) network to create the world's longest-range predictive corrosion monitoring solution suitable for any asset across the oil and gas, power and utilities, industrial manufacturing, renewable and civil infrastructure sectors.

Attracting significant investment along the way, CorrosionRADAR's technology is now installed in plants across the globe, where its systems are fast-tracking the move from manual inspection to automated monitoring, and from reactive to predictive corrosion management.

In 2021, CorrosionRADAR received the prestigious Materials Performance (MP) / Association for Materials Protection and Performance (formerly NACE) Corrosion Innovation of the Year Award for its ground-breaking developments.

**\*Electro-Magnetic Guided Radar technology** invented by Dr Prafull Sharma and Professor Hoi Yeung at Cranfield University.

### **About Bureau Veritas Middle East**

Bureau Veritas is a world leader in laboratory testing, inspection and certification services. Created in 1828, the Group has 75,000 employees located in more than 1,600 offices and laboratories around the globe. Bureau Veritas helps its clients improve their performance by offering services and innovative solutions in order to ensure that their assets, products, infrastructure and processes meet

standards and regulations in terms of quality, health and safety, environmental protection and social responsibility.

Bureau Veritas has been present in the Middle East since more than 50 years and has currently more than 4,000 employees in the region located in more than 50 offices and laboratories in 18 countries.

For more information, visit <https://middle-east.bureauveritas.com>, and follow us on [LinkedIn](#).

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