

Sabre Autonomous Solutions collaborates with Shell GameChanger™

Sydney, Australia. February 12, 2020: Sabre Autonomous Solutions is proud to announce a new collaboration with Shell GameChanger. Corrosion is arguably one of the largest challenges faced today in global infrastructure, especially in the oil and gas industry. Sabre has come up with a solution that addresses the challenges of working in confined-spaces, potentially mitigating a major risk.

Since the introduction of its “Alpha 1” robot in 2015, Sabre has been a pioneer in the field of autonomous robotic surface preparation. “At Sabre, we show up for work with a core set of beliefs. Abrasive blasting and coating processes are long overdue for effective automation, as it is a high-risk endeavour for asset owners and contractors alike,” said Damian Williams, Sabre CEO. “Our new relationship with Shell GameChanger provides us a unique opportunity to enhance our development initiatives, ultimately providing robotic blast and paint tooling capable of achieving zero-injury risk mitigation industry-wide. That is the vision we at Sabre are committed to – protecting our people and our assets from harm.”

In addition to providing a safer workplace, the same product enhancements can also provide better performing processes, lower costs and less asset downtime.

The Shell GameChanger program, open to the public, is designed to prove the technical and commercial viability of an energy-related idea (e.g., proof-of-concept) quickly by offering a combination of seed or pre-seed funding and technical expertise. The program provides non-dilutive funding and works with startups and businesses, like Sabre, with the potential to impact the industry.

“Shell GameChanger greatly values this collaboration with Sabre to develop the autonomous blasting robot, particularly for applications in confined spaces where current practices rely on manual operations,” said Haiyong Cai, Shell GameChanger. “If successfully developed and implemented, this will impact how companies mitigate confined-space risks and provide for an even safer environment for our people. Coupled with cost-savings, this could truly be a game-changing idea.”

Sabre Autonomous Solutions is based in Sydney, Australia, and is a joint venture between Burwell Technologies, and the University of Technology Sydney. Sabre will soon be opening a dedicated facility in the USA for sales, engineering and manufacturing in order to fully support customers and partners in the Western Hemisphere.