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A*STAR and Halliburton Launch NEX Lab℠ to Advance Well Completion Innovation

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HOUSTON & SINGAPORE--(BUSINESS WIRE)--Jan. 25, 2026-- Halliburton (NYSE: HAL) and the Agency for Science, Technology and Research (A*STAR), Singapore's lead public sector research and development (R&D) agency, announced the launch of the Next-Generation Energy Accelerators Joint Lab (NEX Lab℠). This initiative aims to accelerate the development and commercialization of advanced well completion technologies for the energy industry. The project is also supported by the Singapore Economic Development Board (EDB). The launch event was officiated by Mr. Alvin Tan, Singapore's Minister of State for Trade and Industry.

NEX Lab is a S$35 million project that will serve as a collaborative hub for research, engineering, and testing. The lab will streamline the transition from early-stage innovation to field deployment by integrating design, prototyping, and validation activities under one program. By integrating Halliburton's global expertise with the local innovation ecosystem, NEX Lab will increase demand for specialists in high-value technical roles and build a more competitive, future ready talent pool for Singapore.

"NEX Lab brings together Halliburton's global expertise in well completions and A*STAR's multidisciplinary research capabilities to advance cutting-edge technology that shapes the future of energy and the Future of Completions®," said Shawn Stasiuk, senior vice president, Halliburton Completion and Production division. "The combination of our strengths will deliver innovative solutions that support customers within the full spectrum of completion technologies, including low-carbon applications for the evolving energy landscape."

Prof Lim Keng Hui, assistant chief executive of A*STAR's Science and Engineering Research Council, said, "A*STAR collaborates with global industry leaders like Halliburton to translate research into real-world solutions that benefit industries and support national priorities. Through NEX Lab, we will work with Halliburton to build advanced manufacturing and energy technology capabilities in Singapore and create opportunities for our scientific and engineering talent to deliver impact beyond the joint lab. NEX Lab will also help develop and qualify local suppliers, strengthening resilient, high-value energy supply chains."

Halliburton has collaborated with A*STAR since 2019 through the A*STAR Advanced Remanufacturing and Technology Centre's industry consortium, investing more than S$2 million in R&D and embarking on projects focused on materials and design improvements, workflow and inspection automation, and sensor development.

"By bringing together industry, technology, and talent, NEX Lab exemplifies Singapore's leadership in advanced manufacturing and innovation. We welcome more collaborations with global energy leaders like Halliburton, so that companies can develop breakthrough solutions from Singapore that strengthen their global competitiveness and advance the energy transition. This collaboration will also create meaningful upskilling and innovation opportunities for local enterprises and our workforce," said Lim Wey-Len, executive vice president, EDB.

Halliburton's presence in Singapore

Halliburton established operations in Singapore in 1973 and has grown into a global hub for manufacturing and technology. In 2013, the company opened its 500,000-square-foot Completion Technology and Manufacturing Center, which includes advanced laboratories, high-pressure testing capabilities, and the Southeast Asia region's only deep test well. Today, Singapore serves as the global headquarters for Halliburton's Completion Tools product service line and employs more than 800 professionals in engineering, manufacturing, and technology roles. These teams produce components that support Halliburton's global operations and are exported worldwide, underscoring Singapore's role as a trusted base for high-value manufacturing and applied R&D.

ABOUT HALLIBURTON

Halliburton is one of the world's leading providers of products and services to the energy industry. Founded in 1919, we create innovative technologies, products, and services that help our customers maximize their value throughout the life cycle of an asset and advance a sustainable energy future. Visit us at www.halliburton.com; connect with us on LinkedIn, YouTube, Instagram, and Facebook.

ABOUT THE AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH (A*STAR)

The Agency for Science, Technology and Research (A*STAR) is Singapore's lead public sector R&D agency. Through open innovation, we collaborate with our partners in both the public and private sectors to benefit the economy and society. As a science and technology organization, A*STAR bridges the gap between academia and industry. Our research creates economic growth and jobs for Singapore, and enhances lives by improving societal outcomes in healthcare, urban living, and sustainability. A*STAR plays a key role in nurturing scientific talent and leaders for the wider research community and industry. A*STAR's R&D activities span biomedical sciences to physical sciences and engineering, with research entities primarily located in Biopolis and Fusionopolis. For ongoing news, visit www.a-star.edu.sg. Follow us on Facebook | LinkedIn | Instagram | YouTube | TikTok

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For Investors:
David Coleman
investors@halliburton.com
281-871-2688

For Media Relations:
Alexandra Franceschi
pr@halliburton.com
281-871-3602

For A*STAR Media Relations:
Neo Jie Xin
neo_jie_xin@a-star.edu.sg
(+65) 8111-4402

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