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World Economic Forum acclaims Agilent manufacturing facility in Singapore

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Recognized as Fourth Industrial Revolution (4IR) leader for effectively deploying innovative technologies in the arena of scientific instruments manufacturing



Singapore based Agilent Technologies Inc. has shared the latest recognision received from the World Economic Forum's Global Lighthouse Network as Fourth Industrial Revolution (4IR) leader for effectively deploying innovative technologies at scale in the manufacture of scientific instruments.

The Lighthouse is an initiative of the World Economic Forum in partnership with McKinsey & Company to showcase models of smart manufacturing enabled by 4IR technologies such as artificial intelligence and machine learning, robotics, data analytics, and the industrial internet of things.

By embracing 4IR technologies, Agilent's Singapore facility has optimized productivity by 60% and increased output by 80%, all while advancing environmental sustainability through increased efficiency and greater reliance on renewable energy.

"Global disruptions have highlighted the fragility of current supply chains – as rising inflation and material shortages are increasing pressure on manufacturing organizations, Lighthouses show that scaling the deployment and adoption of Fourth Industrial Revolution technologies across multiple factories and business functions is key to accelerate the achievement of their strategic imperative, such as business growth, resilience and greener operations." Said Federico Betti, Head of Shaping the Future of Advanced Manufacturing and Value Chains, World Economic Forum.

Agilent is deploying advanced digital technologies throughout its 28 manufacturing, operations and logistical sites across the world. These initiatives also contribute to Agilent's goal of achieving net-zero greenhouse gas emissions by 2050.