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## Sustainability through technology commercialisation

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**T**HE country's Global Innovation Index dropped from 33rd placing in 2020 to 36th in 2021 among 132 economies, although the country performed above the line in terms of effectively translating innovation investment into innovation output.

SIRIM Tech Venture Sdn Bhd (STV) chief executive officer, Ts. Ajmain Kasim said commercialisation of technological innovation was important so that the country can achieve a faster ranking towards a developed country.

STV plays a role in connecting the industry with sources so commercialisation of technological innovation can be perfected to match the demand of the industry.

In meeting the industry's demand, Ajmain also mentioned that STV has incorporated two elements in its tech-

nological innovation efforts, namely 'co-create' and 'co-opete', which have connected STV with relevant sources in the industry to improve innovation.

"Co-create" simply means that respective parties could conduct the improvement in a collaborative manner by broadening the applications, increasing its frequency and making the innovation better.

"Meanwhile, 'co-opete' is a smart partnership with a so-called 'competitor' but leveraging each other's strength to bring research and development (R&D) innovation to the industry and society.

"With this, we are also planning to participate actively in the circular economy initiatives in 2023," he said.

STV emphasises collaborating and partnering with investors that have an appetite for technological innovation, in order to bring more value for the benefits of industry, society, government, and the environment at large.

STV recently inked a Memorandum of Understanding (MoU) with



**SIRIM Tech Venture Sdn Bhd (STV) chief executive officer, Ts. Ajmain Kasim**

DSME Engineering Sdn Bhd (DSME) to strengthen its cooperation in waste management solutions based on Anaerobic Digestion (AD) System.

Under this effort, STV and SIRIM

will be the technical partner while DSME will deliver waste management solutions to the clients.

Ajmain said the AD System was aimed at solving solid waste management problems as part of the organisation's effort to implement the environmental, social and governance (ESG) elements in the field of sustainable cities and communities.

"Through this, STV could also provide SIRIM technology adoption recommendations, innovative solutions, as well as the use of other technologies to specific and targeted groups.

"Hence, the MoU will see a collaboration between STV and DSME in exploring Industry 4.0, machine and equipment fabrication, renewable energy, environmental technology and waste-to-wealth conversion field," he told the New Straits Times.

At the same time, Ajmain mentioned that STV was also looking closely into the energy and environment sector, aside from medical healthcare and wellness, advanced

materials and technology-based halal programmes in aligning its business strategy.

"It is imperative that technological innovation and commercialisation are enhanced to allow the country to be a developed country".

"This is why we are embarking on strategic collaboration with other industry players, which are experts in industrial engineering in the sector of waste management solutions".

"Through this, every related party is able to benefit in terms of a cleaner environment, less pollution, effective waste management system, as well as gain economic benefits by way of more foreign and domestic investment in the country," he said.

He added that STV has also supported various programmes that could contribute towards SIRIM's ESG strategies, including technology services to lower waste and carbon emissions to the environment, while promoting less waste generation and upcycle of organic waste to wealth.



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KEMENTERIAN TENAGA, SAINS, TEKNOLOGI,  
ALAM SEKITAR DAN PERUBAHAN IKLIM

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### SUMMARIES

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