

HIGHLIGHTS

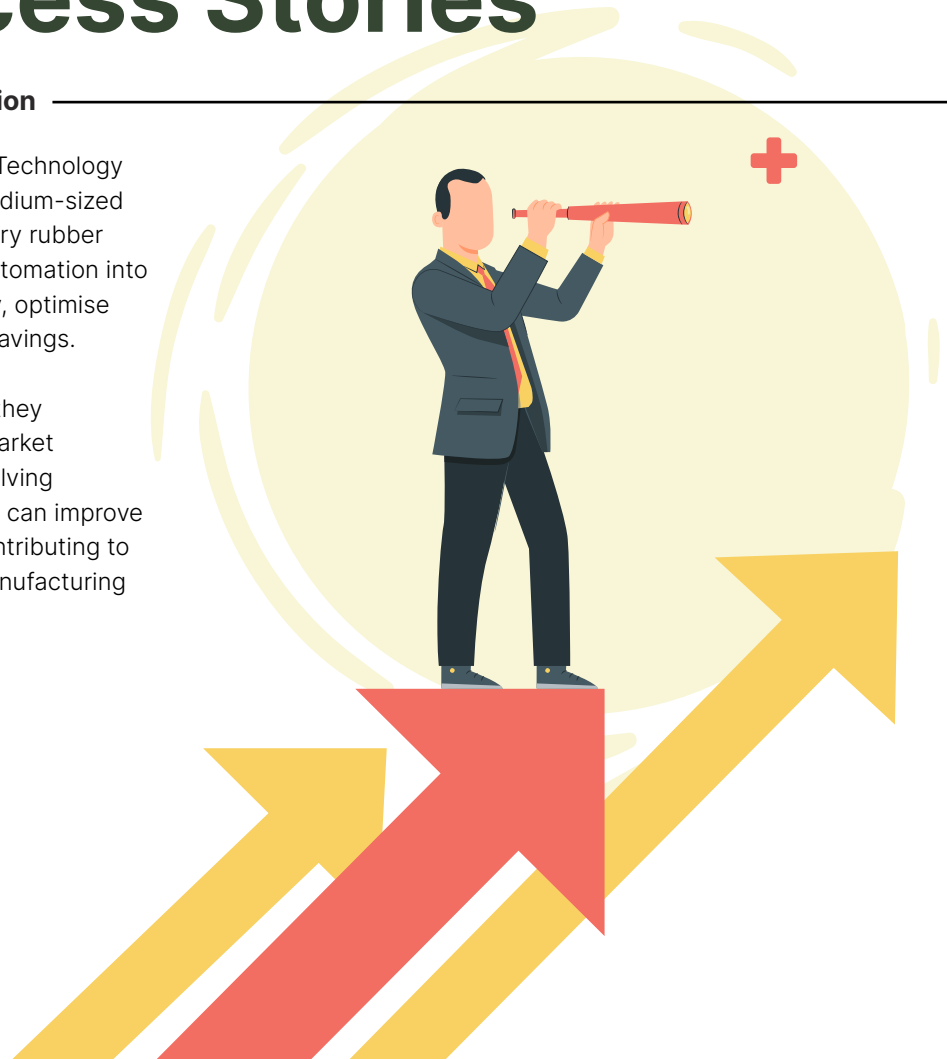
FUND FOR AUTOMATION AND GREEN TECHNOLOGY

FAGT Success Stories

Smarter Manufacturing with Automation

Under the Fund For Automation And Green Technology (FAGT), MRC has assisted two small and medium-sized enterprises (SMEs) operating in Malaysia's dry rubber products sector to successfully integrate automation into specific key processes to boost productivity, optimise manpower, and achieve considerable cost savings.

By reducing reliance on manual processes, they are better equipped to adapt to changing market conditions and remain competitive in an evolving industry landscape. Hence, both companies can improve business resilience while simultaneously contributing to the sustainability of the rubber products manufacturing sector.



At the same time, Tefron Sdn Bhd, which specialises in manufacturing rubber moulded parts, has fully automated its inspection and packing process to minimise manpower and rejection rate. Through advanced artificial intelligence (AI) computer vision inspection, the company was able to reduce manpower by 85% and achieve an estimated annual savings of RM90,000. The automated quality inspection also greatly increased throughput by up to 80% and improved the rejection rate by 5%.

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COMPANY Tefron Sdn Bhd		ESTABLISHED 2010	SECTOR Dry Rubber	VALUE OF FAGT FUNDING RM117,702.50 (50%) of the total project cost of RM235,405
LOCATION Banting, Selangor	WORKFORCE 8 Employees		EXPORT MARKETS Japan	COMPLETION DATE November 2022
SPECIALTY Rubber Molded Parts			PROJECT ACHIEVEMENTS 85% reduction in manpower 80% increase in throughput compared to manual INSPECTION RM90,000 estimated annual savings on manpower costs	
PROJECT OBJECTIVE Automate the inspection process with state-of-the-art artificial intelligence (AI) computer vision technique to significantly reduce manpower costs.				

Project Photos

