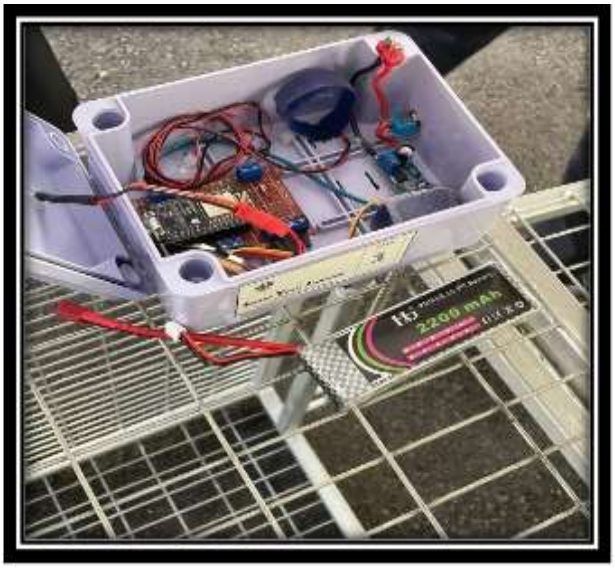
NAME OF PROJECT	**SMART TRAP TRACKER (STT)** **" INEFFICIENCY IN CONTROL ACTIVITY OF STRAY DOGS AND CATS ON SITE "**
NAME OF TEAM	**NVIRO-X**
PROFILE OF THE TEAM AND COMPANY	The team was formed based on the decision of Department of City Services, Putrajaya Corporation management meeting on January 07, 2020, which decided an effort must be taken to address the issue of increasing complaint of nuisance animals especially stray dogs. This team consists of 7 members from the Division of Environmental Health, Putrajaya Corporation who was tasked to monitor day to day environmental safety and health situations in Putrajaya. The team is led by Dr Mohd Helmi Bin Abdul Hamid, the division director who is also the team facilitator. The team is called Nviro-X, and it aims to encourage the creation of environmental innovations to improve the quality of Putrajaya Corporation services as a local authority.
MAIN CAUSES OF PROBLEMS	Nuisance animals, such as stray dogs and cats, present escalating challenges for local authorities, with significant repercussions on human health and safety. Analysis of statistical data indicates a consistent increase in complaints related to nuisance animals from 2020 to 2023, averaging 274 complaints annually. In response, various controlled interventions have been introduced to address the growing population of these animals. One effective strategy involves the targeted use of traps, particularly in residential areas. However, traditional trapping methods have encountered several challenges, including difficulties in tracking trap status and locations, prolonged inspection and monitoring times, inaccuracies in recording trap placements, instances of unauthorized release of trapped animals by the public, and susceptibility to theft. The Smart Trap Tracker (STT) initiative aims to enhance trap monitoring efficiency by improving status and location tracking, reducing inspection times, ensuring accurate documentation of trap placements, preventing unauthorized releases, and reducing the risk of theft. Central to this

	initiative is the integration of detection devices within each trap, connected to a notification system that can provide real-time updates on trap status and locations to designated officers via mobile devices. The initial implementation of the STT during a three-month trial period has shown promising results, including a 40% reduction in time spent on trap management, a corresponding 40% decrease in associated costs, and a significant 30% drop in public complaints compared to traditional methods. In conclusion, the adoption of the STT represents a practical solution for improving nuisance animal management practices, with potential applications in various settings to enhance the effectiveness and efficiency of current strategies.
PROJECT BENCHMARKS	The benchmark visit was carried out in 2022. Seberang Perai City Council (MBSP) and Kuala Lumpur City Hall (DBKL) implemented the manual method of using wild cat and dog traps. While the Port Dickson Municipal Council (MPPD) implements a trap method equipped with triggered alerts by SMS.
AWARDS, ACCOLADES & RECOGNITION	International Convention on Quality Control (ICQCC) 2024 organized by Sri Lanka Association for the Advancement of Quality and Productivity (SLAAQP). **GOLD AWARD**  ICQCC 2024 Sri Lanka CERTIFICATE NVIRO-X (QCC2410024) Of Putrajaya Corporation, Malaysia is presented with a GOLD AWARD at the 49th International Convention on Quality Control Circles 11th – 13th November 2024 Sri Lanka Dr Surani Dias President SLAAQP SLAAQP

INNOVATION PROJECT PHOTOS	**SMART TRAP TRACKER (STT)**  
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