

# Managing waste for sustainable living

**A**LAM Flora Sdn Bhd (Alam Flora) is an environmental management company dedicated to managing and reducing waste with minimal environmental impact through waste recovery.

Providing waste management services to several concession areas in Kuala Lumpur, Putrajaya, and Pahang, Alam Flora collects and disposes of daily more than 4,000 tonnes of solid waste generated by households in its concession areas.

In Kuala Lumpur, an average of 1.5 kilogrammes of waste is generated per person per day. In total, Malaysians produce some 33,000 tonnes of waste a day.

The company is committed to fully supporting the government's efforts on reducing 40 per cent of recyclable waste in landfills by 2025.

Through its umbrella programme, #jomrawatbumi, it has undertaken public awareness programmes and recycling initiatives through waste to cash awareness programmes and collection of recyclable waste.

It is also in line with the United Nations Sustainable Development Goals (SDG) that tie up with business activities, agenda and its social agenda on the environment.

The Sustainable Development Goals, also known as the Global Goals, were adopted by all United Nations member States in 2015 as a universal call to action to end poverty, protect the planet and ensure that all people enjoy peace

and prosperity by 2030.

In supporting this, several Buy Back Centres were created in Kuala Lumpur, Putrajaya and Kuantan to encourage public take-up and increase the collection of recyclables.

A dedicated collection programme was also initiated through the introduction of 'RewardsS@S' using a barcoding system for points collection and placing of specially designed collection bins in communities or commercial buildings.

Alam Flora has also set up composting centres in Putrajaya where food waste collected from restaurants, hotels and residents in and around Putrajaya are processed into natural fertiliser. The green initiative in turn supports the Local Agenda 21 (LA21) projects, which include community urban farming and a garden.

It has also helped set up a composting centre at PPR Seri Alam, Kuala Lumpur, that is being run by the community.

Alam Flora organised ongoing public awareness programmes and campaigns on recycling at schools, offices and even residential areas, using 3R on Wheels (3ROW), a 6-wheeler, 7-tonne truck refurbished with 18-feet LCD screen, solar panels to power the giant screen and a retractable stage where activities and talks were organised.

It uses eco-friendly products such as its battery-operated electric mini road sweeper and electric grass cutter and blower. More eco-friendly machinery



*Alam Flora Sdn Bhd CEO Datuk Mohd Zain Hassan (left) and Alam Flora Environmental Solutions (AFES) chief operating officer Nazar Abdul Raof at the Global Business Leadership Awards in Putrajaya.*



*Fasiliti Inovasi Kitar Semula or FIKS, the first in Malaysia, is a recycle education centre for the public to learn about the recycling process and waste recovery.*

and initiatives will be introduced and adopted in the near future.

Due to the positive response, Alam Flora had gone one step further by

creating an integrated recycling facility to complete the ecosystem.

The recycling facility aptly named Fasiliti Inovasi Kitar semula (FIKS)

comprises collection, segregation and treatment areas. The facility houses an integrated recycling facility (IRF), under Alam Flora subsidiary company, Alam Flora Environmental Solutions (AFES), where recyclable waste such as plastic, paper, e-waste and used cooking oil, are sent for sorting and processing in preparation for the recovery process.

An anaerobic digester (AD) facility has been set up to facilitate 'food waste to energy' activity. The facility has been fully operational since 2019. The initiative augurs well with Perbadanan Putrajaya's goal of making the country's administrative city a green city by 2025.

Alam Flora played an integral role as frontliners involved in the sanitisation operations at the height of the COVID-19 pandemic, where more than 100 of its workers put their expertise on cleansing and sanitisation to full use in the sanitisation of affected areas in the Klang Valley.

It was a double celebration for Alam Flora Sdn. Bhd (Alam Flora) and its subsidiary company, Alam Flora Environmental Solutions (AFES), when both won awards at the Global Business Leadership Awards in Putrajaya recently. Alam Flora was conferred with Excellence in Waste Management and AFES took home the Excellence in Facilities Management awards, which was organised by the Asia Pacific Business Council for Sustainability and Institute of Sustainability.