



Alam Flora

Beyond Waste Management in Creating a Sustainable Future

“We believe in providing a sustainable environment for all to live in.”

About Us



Alam Flora Sdn Bhd (AFSB) is incorporated in 1995 to provide an environmental services for sustainability. AFSB is one of the three concessionaires appointed by the Government of Malaysia to provide solid waste collection and public cleansing services for Federal Territory of Kuala Lumpur and Putrajaya, as well as Pahang.

A subsidiary of Malakoff Corporation Berhad (Malakoff), Malaysia's leading Independent Power Producer (IPP), listed on the main market of Bursa Malaysia, AFSB manages more than 4,100 tonnes of solid waste on a daily basis with a staff strength of more than 11,500 and 1,500 support vehicles of various usage.

AFSB is committed in meeting the United Nations'

Sustainable Development Goals (SDG) especially on quality and sustainable waste management which encourages recycling activities and creation of circular economy. This is in line with AFSB's business initiative and commitment towards the environment, that goes beyond waste management.



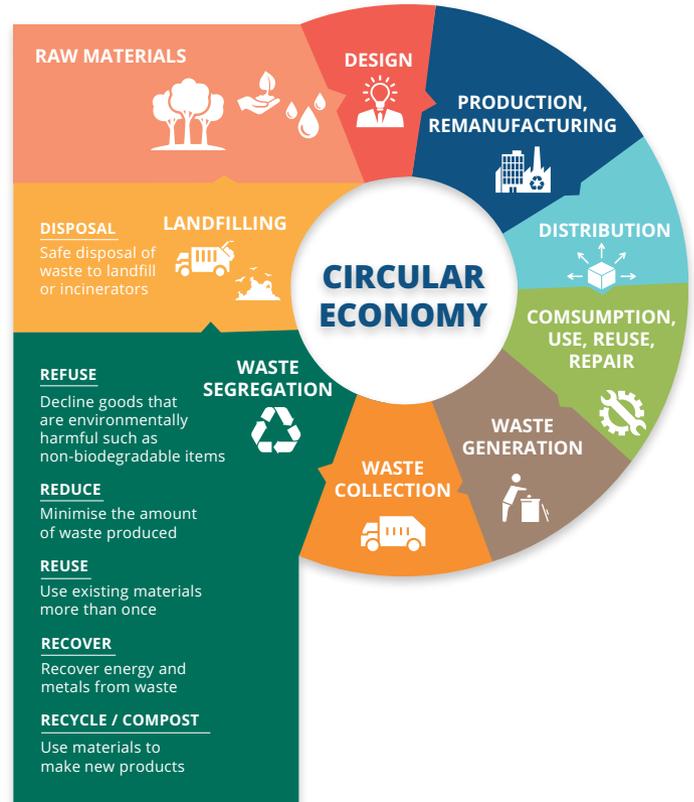
In 2013, AFSB has established a subsidiary known as Alam Flora Environmental Solutions Sdn Bhd (AFES) to provide a holistic environmental solutions to various corporations, government agencies and institutions nationwide (non-concession business). Services offered are Asset Facilities Management (AFM), Waste Management Facilities (WMF) & Infrastructure Cleansing and Waste Solutions (ICWS).

"We believe in coming up with innovative ideas."

Circular Economy of Environmental Management Industries



The 17 Sustainable Development Goals (SDG) of the 2030 Agenda for Sustainable Development, was adopted by world leaders at the UN summit in September 2015. Under SDG 12, Sustainable consumption and production, which emphasises on promoting efficient resource and energy consumption, aims to “do more and better with less”, requires significant focus on shifting the supply chain from the previous linear economy, to operating on a sustainable circular economy.



Under this commitment, AFSB had been actively involved in promoting the new sustainable economic concept as to ensure the public in particular, will have proper access to sustainable waste management facilities and services. This is in line with recognising the SDG 6, 7, 9, 11, 12, 13, 14, 15 and 17 objectives, in order to be fulfilled by the nation.



Besides committed to SDG, AFSB is also adhered to the Ministry of Housing & Local Govt of Malaysia's National Cleanliness Policy, which was launched in 2019. The objective of this policy are as follows:

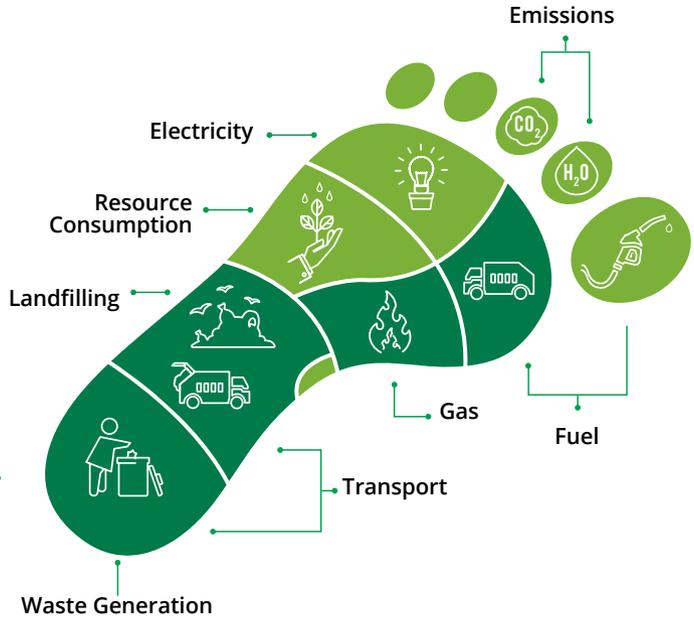
- 01 Increasing awareness and culturalising cleanliness practices among societies
- 02 Improving the cleanliness and sustainability of the environment
- 03 Promoting the 'Waste to Wealth' initiatives towards the circular economy concept
- 04 Strengthening the governance and enforcement to be more efficient, competent, and full of integrity

Environmental Sustainability

Over the years of operation, AFSB has been dedicated in consistently implementing initiatives to help reduce carbon footprint, concurrently improving the quality of service to the customers. Our commitment help to maintain environmental sustainability of which among others, reducing carbon emissions of our vehicles with less trips required to send waste to the landfills. This is made possible through waste diversion activities which include, segregation of recyclable waste and recovery activities such as from used cooking oil to biofuel, plastic to fuel and, from food waste to gas through anaerobic digestion process.

CARBON FOOTPRINT INITIATIVES

- Initiative on green & energy efficient equipment / machineries
- Commitment to comply with all environmental-related regulations
- Initiative on reducing disposal of waste to landfill through comprehensive waste treatment & Recovery programmes
- Initiative to educate the public on the importance of responsible waste management & recycling



Awards

AFSB has reaped numerous industry awards in providing total solid waste management solutions. AFSB take great pride in these awards since many of them reflect and recognise our passion in achieving the highest standards of excellence.



Having garnered recognition and accolades over the years, AFSB is more motivated than ever to continue improving and polishing our services for the people, and for the betterment of the solid waste and environment industry it was honoured with awards and recognition for work done through the years.

Journey of Alam Flora Group

1995 Alamflora
 • Awarded of Concession Public Cleansing and Solid Waste Management

1996 Alamflora
 • Establishment of Eminent Flora Sdn. Bhd.

1996 Alamflora
 • Rebranding of Eminent Flora Sdn. Bhd. to Alam Flora Sdn. Bhd.

2004 Alamflora
 • Commencement of Buy Back Center at Precinct 8, Putrajaya

2008 Alamflora
 • Commencement of Buy Back Center at Precinct 9, Putrajaya

2011 Alamflora
 • Commencement full privatisation of Solid Waste Management and Public Cleansing under Act 672

2011 Alamflora
 • Commencement of Buy Back Center at Precinct 16 & 11, Putrajaya

2014 AFES
 • Commencement of Asset Facility Management Services (AFM)

2014 AFES
 • End-of-Life Vehicle Services (ELV)

2014 AFES
 • Scrap metal Management

2014 AFES
 • Recycling Management

2014 AFES
 • Industrial, Commercial & Institutional Solid Waste Management Services (ICI)

2014 AFES
 • Establishment of DRB-HICOM Environmental Services Sdn. Bhd. (DHES)

2014 Alamflora
 • Rebranding of Alam Flora Sdn. Bhd. with new logo

2015 AFES
 • Maintenance Operation and Maintenance of Belonggu Halt, Temerloh Sanitary Landfill

2015 AFES
 • Operation and Maintenance of 7 landfills in Pahang Leachate Treatment Plant in Pahang

2015 Alamflora
 • Commencement of Buy Back Center at Precinct 14 & 18, Putrajaya and Cyberjaya

2015 AFES
 • Commencement of Airlines Industries for Holistic Solid Waste Management Services with MRF

2015 AFES
 • Operation and Maintenance of Transfer Station for Solid Waste in Kuala Lumpur

2015 Alamflora
 • Implementation of Digitalisation in Solid Waste Collection and Public Cleansing

2015 AFES
 • Awarded Pulau Pangkor and Cameron Highland Incinerators project for O&M

2015 AFES
 • Infrastructure Cleansing and Port Facility

2016 AFES
 • Commencement of River of Life (ROL) Cleansing Services

2016 AFES
 • Commencement of ECO GREEN Facilities for Garden Waste in Kuala Lumpur

2016 AFES
 • Asset Facility Management (AFM) at Government Complex Bukit Kayu Hitam - Asset Facility Management (AFM) Services

2016 AFES
 • Infrastructure Cleansing for Port Industry.

2016 AFES
 • Started Material Recovery Facility services for an Airline Industry and Belonggu Halt landfill, Temerloh

2016 AFES
 • Asset Facility Management (AFM) in Banking Sector

2016 Alamflora
 • Commencement of Buy Back Center Jalan Bunus 6, Kuala Lumpur

2016 AFES
 • Development of Facilities for Scrap and ELV at U5 Depot, Subang

2017 AFES
 • Commencement of Recover Used Cooking Oil (RUCO) in Kuala Lumpur, Pahang & Putrajaya

2017 AFES
 • Precinct 5, Putrajaya - Pioneering in Integrated Recycling Facility (IRF)

2017 AFES
 • North Port Klang - Commencement of Malaysia's First Port Reception Facilities (PRF)

2017 Alamflora
 • Commencement of Tioman Island for public cleansing services

2017 Alamflora
 • Commencement of Buy Back Center at Taman Gelora Kuantan, Pahang

2017 Alamflora
 • Launch of 3R on Wheels, Malaysia's First 3R education on wheels

2018 AFES
 • Launch of Center of Excellence (COE) at Pulau Pangkor

2018 AFES
 • Klang Valley Eco Duta Programme

2018 AFES
 • Klang Valley E-Waste Neighbourhood Programme

2018 AFES
 • Launch of DHES rebranding to AFES

2018 Alamflora
 • Precinct 5, Putrajaya - Launch of Malaysia's First 3R (Reduce, Reuse and Recycle) Education Hub in Malaysia, Fasiliti Inovasi kitar Semula (FIKS) in Putrajaya

2019 AFES
 • Commencement of Asset Facility Management Services (AFM)

2020 AFES
 • Commencement of River of Life (ROL) Cleansing Services

2020 AFES
 • Commencement of ECO GREEN Facilities for Garden Waste in Kuala Lumpur

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2021 Celebrating 25 Years OF APPRECIATING LIFE

2021 AFES
 • Launch of Center of Excellence (COE) at Pulau Pangkor

2021 AFES
 • Klang Valley Eco Duta Programme

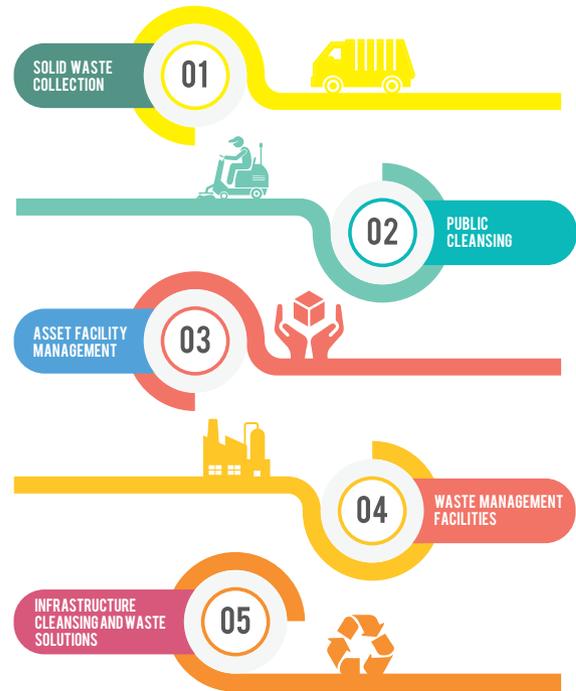
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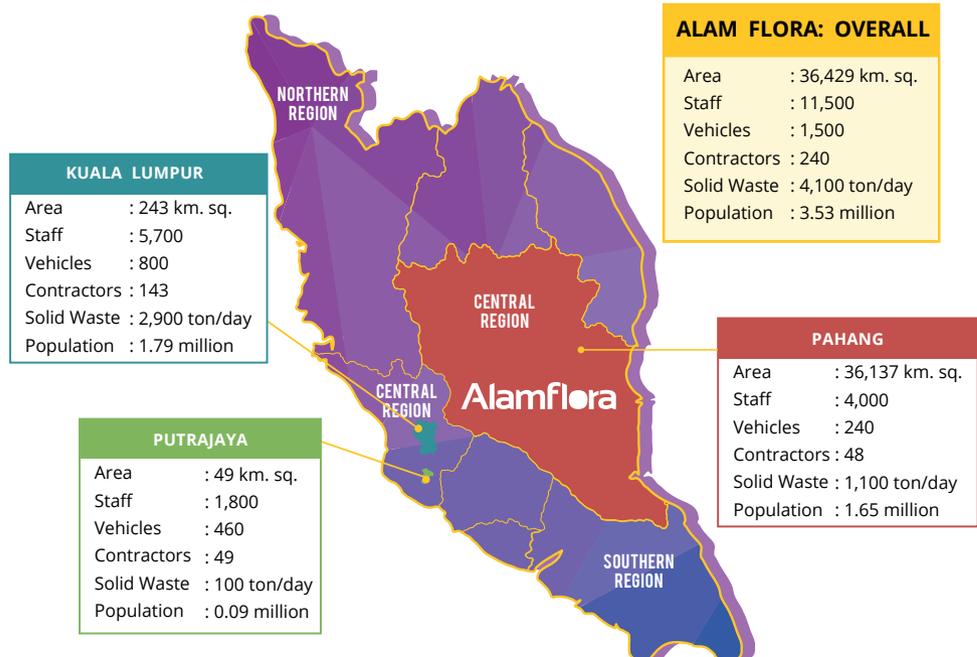
Our Sustainability Solutions

AFSB is dedicated to the betterment of environment, and the services we offer conduct precisely that. With a multitude of services under our umbrella, AFSB ensures that our ecosystem of waste management and public cleanliness contribute towards community development.



Solid Waste Management & Public Cleansing

MANPOWER 11,500
SUB CONTRACTORS 240
VEHICLES (UNITS) 1,500
DAILY ACCUMULATION (TONNE) 4,100



01

Waste Collection

Collection Services

This includes scheduled collection of domestic and non-hazardous waste within the concession areas. This service includes kerbside collection of recyclable waste from residential and commercial areas.

Collection Schedule

The collection schedule for domestic and household waste is twice weekly. Garden and bulky waste and recyclable items, are collected once a week.



Collection Schedule

02

Public Cleansing

Public Cleansing Services

AFSB is responsible for public cleansing in its concession areas under the Act 672.

Public cleansing services provided by AFSB:

Road Sweeping, Public Drains Cleaning, Grass Cutting, Public Beaches, Public Places, Public Toilets, Clearing of Illegally Dumped Controlled Solid Waste, Removal of Carcasses, Public Markets

Initiative on Green and Energy Efficient Equipment / Machineries

With the advancement of new technology on waste and public cleansing, AFSB initiated a pilot programme to replace conventional vehicles and apparatus to more environmental-friendly machineries which can potentially contribute to sustainable and responsible environmental management in the future.



AFSB has invested in electric or battery operated support vehicle and equipment such as mini road sweeper, blower and grass cutter.

03 Asset Facility Management (AFM)

Asset Facility Management (AFM) encompasses multiple disciplines, integrating people, places, processes, and technologies. It provides conducive and integrated facilities management services, consisting of holistic and sustainable technology solutions.



AFM

04 Waste Management Facilities (WMF)

Using various waste treatment and recovery programmes, AFES is highly committed to significantly contribute in reduction of waste landfilling to promote a circular economy concept. With variety of technologies and waste facilities, AFES offers holistic environmental solutions with over 20 years of experience.



WMF

05 Infrastructure Cleansing & Waste Solutions

AFES offers effective cleansing and all type of waste solutions including control, treatment, generation, storage, collection, transfer and transport, processing and proper disposal of waste. Recycling initiative is one of the solutions offered in meeting the government's goal of reducing recyclable waste sent to landfills, to more than 40 per cent by 2025.



ICWS

Waste Recovery & Treatment

As part of our commitment to reduce industries carbon footprint of the industry, AFSB provides and utilises various waste treatment technologies which include collection of recyclable items, waste recovery, and waste to energy or other useable goods programme.



MATERIAL RECOVERY FACILITY (MRF)

Receives, separates, and prepares recyclable materials for recovery process, by end-user manufacturers. Operates in FIKS, KLIA and Belenggu Sanitary Landfill (Temerloh).



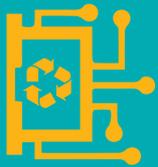
COMPOSTING

Aerobic method of decomposing organic solid waste into humus-like materials known as compost.



PORT RECEPTION FACILITIES (PRF)

Help reduced marine contamination by receiving dirty oil and other residues from ships.



FASILITI INOVASI KITAR SEMULA (FIKS)

FIKS is an education centre for public to learn about waste management, recycling and recovery processes. It is the first of such a facility in the country. It promotes 5Rs (Refuse, Reduce, Re-use, Recycle and Recovery), as to help reduce recyclable waste sent to landfills.



BUY BACK CENTRE (BBC)

A joint-programme with local authorities in managing recycling centres. Promotes recycling through 'trash to cash' and points incentives.



ANAEROBIC DIGESTER (AD)

A food waste solution programme to cater for Industrial, Commercial and Institutional clients. It processes food waste to produce biogas and bio-fertiliser.



BOOKING SLOT FORM



3R ON WHEELS WEBSITE

3R ON WHEELS

Provides an easy alternative for members of the public to send recyclable items without having the need to go to our Buy Back Centres. You can earn cash and reward points by recycling with 3R on Wheels.



RECOVER USED COOKING OIL (RUCO)

An efficient collection system of used cooking oil for conversion to biodiesel. It prevents drain clogging and at the same time, provides extra income by selling them to AFSB.



END OF LIFE VEHICLE (ELV)

Collection, audit, dismantle, and proper disposal and handling, the stockpile of End of Life Vehicles (ELV).



ECO DUTA

A waste diversion initiative through the creation of circular economy entrepreneurs based on sustainability and common prosperity (wealth sharing).



REWARDS@S

In support of the government's Separation at Source or S@S programme. It uses barcoding system with reward points. Involves placement of collection bins at the premises.



ECO GREEN

Manages an average of 600 tonnes of green waste daily from DBKL and MBPJ. The waste generated are converted into by-products such as wood, mixed wood, logs, woodchip, mulching and compost.



COMMERCIAL & INDUSTRIAL SCRAP

Collecting all types of scrap metal regardless of size and category.

These initiatives have become our core strategy to raise awareness on the 5R (Refuse, Reduce, Reuse, Recycle, Recovery) practices amongst the public and industrial players.

FASILITI INOVASI KITAR SEMULA (FIKS)

Fasiliti Inovasi Kitar Semula (FIKS) is the country's first ever recycling education centre in Malaysia. Facilities available include; Hub Ilmu, 3R Boutique, Buy Back Centre (BBC), Koc Ilmu, Koc Kreatif & Integrated Recycling Facility (IRF).



Visiting slots are available for booking now!



Website FIKS



HUB Ilmu

3R Boutique

Buy Back Centre (BBC)

Integrated Recycling Facility (IRF)

KOC Ilmu & Kreatif

Anaerobic Digester (AD)





Digitising Waste Management

With Internet of Things (IoT) becoming imperative in business operation, AFSB has developed new methods in business processes through online systems and big data approaches. Multiple real-time technologies and online systems have been utilised to monitor operation performance on-site.



Creating Sustainable Living

Our world wellbeing is our responsibility. It is rightfully for us, to make it a better and healthy place to live in especially for the future generation. Apart from existing laws and sound environmental policies such as the United Nations' Sustainable Development Goals (SDG), all must play a role in creating sustainable living. Alam Flora is committed in providing services that go beyond waste management. Let's create a healthy choice for the planet!



NATURE CAMP - SUPERHERO

Participants of the Alam Flora's Nature Camp, garnering public support to care and love the environment with an 'awareness walkabout'.



WASTE IS AMAZE: PLASTIC UPCYCLING COMPETITION

Waste Is Amaze 'Plastic Edition', is an annual 3R design competition using recyclable plastic materials. It aims to educate the public on the good practice of 'reuse' and help reduce recyclable waste sent to the landfills.

ONLINE COMPETITION WASTE IS AMAZE - 3R FASHION

In support of the 'No Single-Use Plastic campaign' launched by the government, AFSB hosted the 2020 fashion competition using recyclable plastics as the theme. It was to help educate the public that plastics can be used to create something fashionable to wear.



CYBER ECO-HUNT

AFES & AFSB are motivated to help reduce food waste going to the landfill and create awareness on recycling. Social media is a recognisable and effective tool in spreading positive messages to the public on the benefits of recycling.



ALAM FLORA CITY HUNT

One of the programmes organised by AFSB to educate the community to care and love the environment.

The Way Forward

An aerial photograph of a city skyline, featuring the Petronas Towers as the central focus. The towers are tall, silver, and have a distinctive spire. To the left of the towers is a large, modern building with a glass facade. In the foreground, there is a large, lush green park area with many trees and a winding path. The sky is blue with scattered white clouds.

We recognise that sustainability is a journey that requires commitment & effort from all stakeholders

Together we are stronger

Creating the future we want



“Together we create a sustainable world for the future generation”

To learn more, about what we can do for you. Please visit www.alamflora.com.my



Alamflora
Appreciating LIFE

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