

Cenviro

Innovative Projects



Scheduled Waste to Energy

📍 First of its kind in Malaysia



- Compliance with Malaysia & European (EU) Standard
- Treatment capacity of 33,000 MT per year
- Generate 3.4 MW of electricity
≈ 9,500 homes



Solar Power Renewable Energy

📍 First of its kind in Malaysia



Kualiti Alam Rooftop Solar Panel - FIT

- 150 KWp Solar panel system
- Operational - March 2014 -
Total Energy Yield (Per year) -
154.00 MW of electricity

EPIC Rooftop Solar Panel - SELCO

- 41.62 KWp Solar panel system
- Operational - July 2017 -
Total Energy Yield (Per year) -
47 MW of electricity

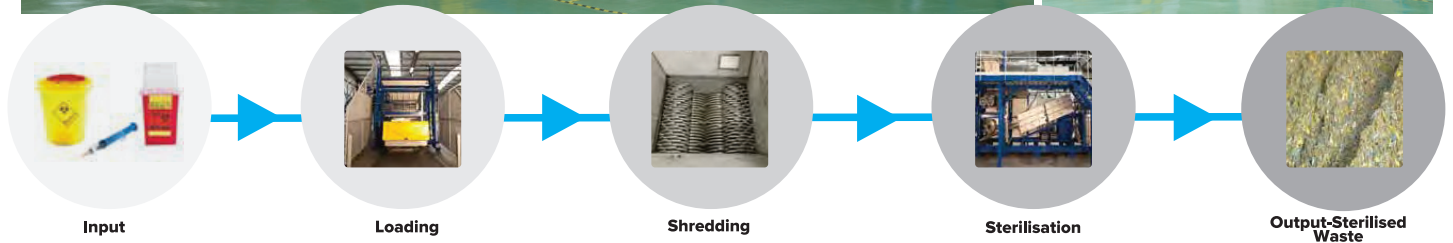
Kualiti Alam Rooftop Solar Panel - SELCO

- 1 MWp Solar panel system
Warehouse
- Operational - May 2018 -
Total Energy Yield (Per year) -
1,350 MW of electricity

Microwave Technology

📍 Malaysia's First Clinical Waste Treatment Centre

- Most Innovative Technology
- Zero emission, no burning and residue is landfill ready
- Capable to process up to 250kg of clinical waste per hour



Vertical Secured Landfill

📍 First of its kind in Malaysia



**Geogrid
Wall**

**Existing
landfills
reused**

**Landfill
life extended
by 30 years**

This innovative concept is also applicable for any municipal solid waste non-sanitary landfill.

Environmental Preservation and Innovation Centre

📍 Malaysia's first Centre of excellence for Waste Management.

“To develop national institutional knowledge to provide innovative and reliable solutions for the complete spectrum of waste management”



EPIC aims to develop national institutional knowledge to provide innovative and reliable solutions for the complete spectrum of waste management

Focus Area

- Human capital and content development
- Innovations and advanced technology development
- Public awareness and social responsibility



Cenviro Eco-Park

📍 Living the Circular Economy

Cenviro Eco-Park development planning was based on 2 main zones:

- Institutional zone (EPIC, Innovation & Incubator and R&D); and
- Operational zone (industrial plots)

Vision

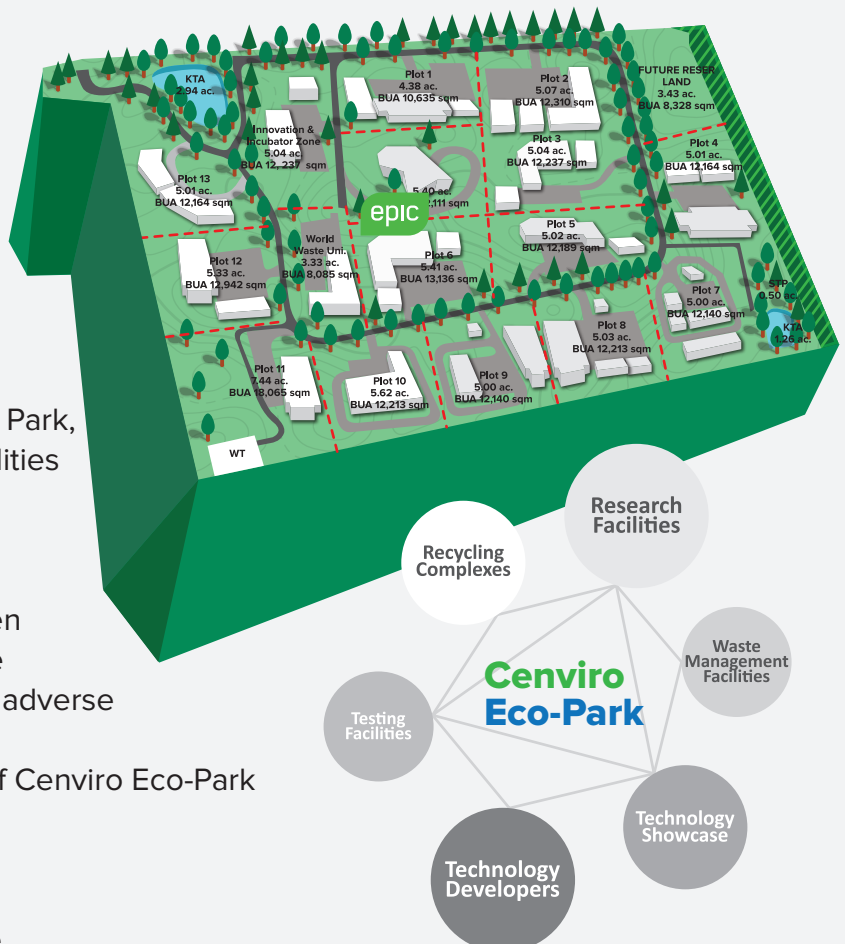
- To establish a sustainable world class Eco Park, housing high-tech resource recycling facilities and technology incubator

Objectives

- To promote and develop sustainable Green Initiatives and Circular Economy for waste
- To reduce environmental pollution and its adverse impact to the nature
- Recycling & Recovery as the core driver of Cenviro Eco-Park

Our Aim

- To increase landfill diversion rate
- To increase the Recycling & Recovery rate
- To reduce carbon emission



Recycle for Life

📍 First of its kind in Malaysia

- Recycle for Life is a recycling program that rewards cash through the use of smart card.
- Through Recycle for Life collection, we will weigh the recyclables and credit a cash value based on the current market price into the smart card.
- The smart card can be used for any purchase of goods at selected hypermarkets, bookshops and partner outlets.
- Recycle for Life is Cenviro's CSR initiative to enhance public practice in recycling activities.



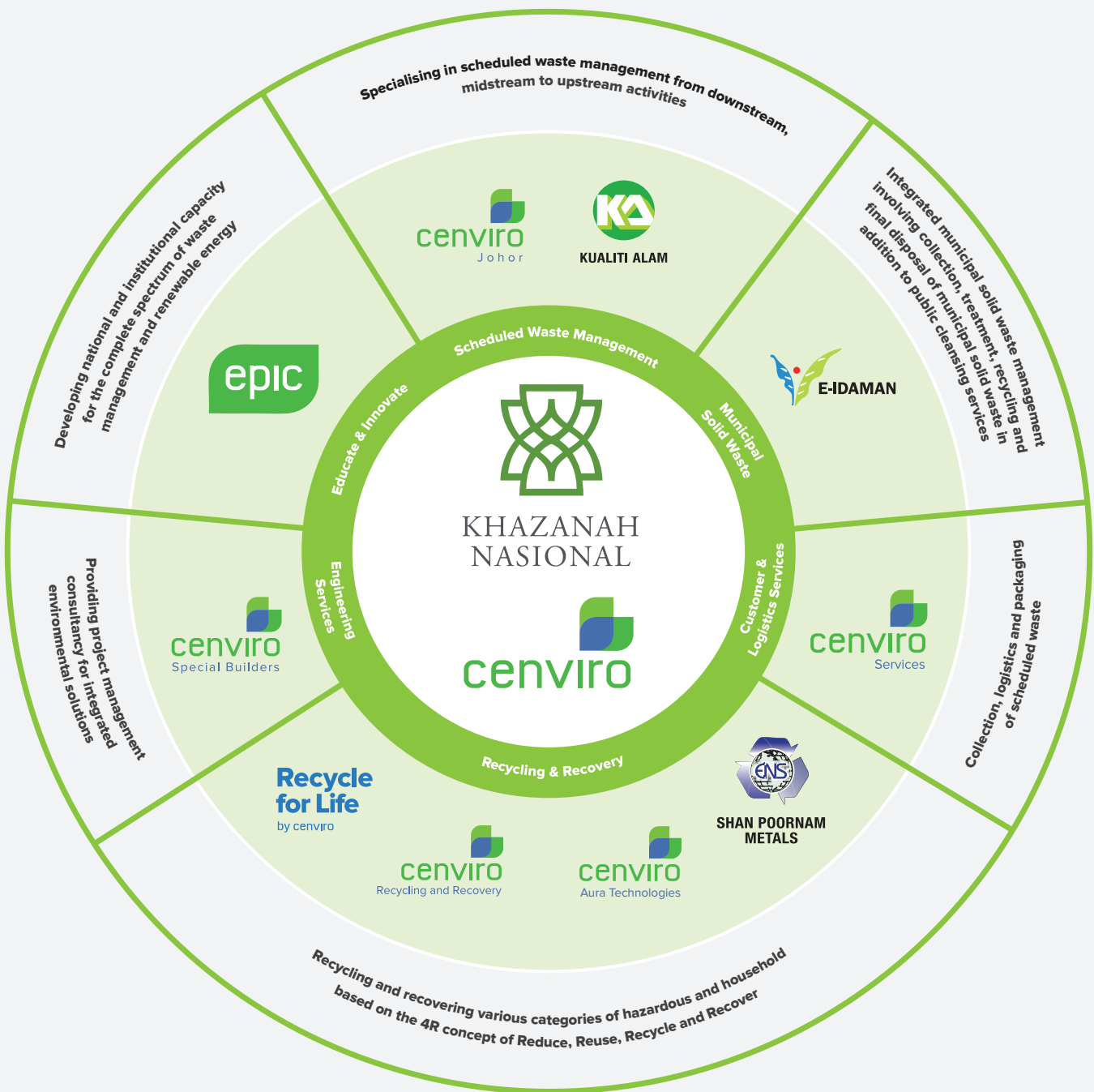
Type of recyclable item



Cenviro Facilities



Group Structure



Safety 1st

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Cenviro Sdn. Bhd. 199601003359 (375705-V)

13-1, Mercu UEM, Jalan Stesen Sentral 5, Kuala Lumpur Sentral 50470 Kuala Lumpur, Malaysia

G +603 2727 6100 **F** +603 2727 2100