

# Sembcorp Environment Service Catalogue

Leading environmental service provider in circular waste and waste-to-resource management

Transforming waste into valuable resources through adopting sustainable practices, harnessing technology and data, and involving the communities where we operate to build a zero-waste future.



# MONA™

## Waste Profiling

Unlike a typical waste audit, our meticulous MONA™ approach follows the American Society for Testing and Materials' (ASTM) D5231-92 (2016) methodology, where waste is manually sorted into more than 20 different categories to identify the top waste streams for our customers.

Although the audit is conducted off-site, we trace the entire waste journey from source (up to individual bin levels) in a non-intrusive manner, with as minimal unidentified waste as possible.

Upon completion of the waste audit, our customers get actionable insights focused on waste abatement that can be customised to support sustainability reporting standards (SGX, GRI, GRESB) as required.



Mixed Waste  
Off-site  
Normative  
Assessment



# LISA<sup>TM</sup>

## Resource Management

### Waste Journey Mapping & Validation

Traceability is critical to waste circularity, and we help our customers track their waste journeys, be it downstream or upstream. We also provide recommendations on how they can move from commingled recycling to clean-stream segregation at source to achieve lesser contamination and higher recovery rates.

An aerial photograph of a waste management facility, overlaid with a teal tint. The image shows several workers in dark uniforms and hard hats, some pushing large metal bins. In the background, there is a large piece of industrial machinery, possibly a conveyor system or a sorting machine, with various pipes and structural elements. The ground appears to be a mix of concrete and dirt.

Landfill  
Incineration  
Strategic  
Avoidance



# Closed-Loop Partners Network

The SembEnviro Closed-Loop Partners Network (CLPN) was established in June 2024 to foster industry partnerships to advance a circular economy in support of Singapore's goal of zero waste.

The Network aims to bridge the supply and demand gap for recycled feedstock in Singapore, by breaking down silos among recycling service providers, connecting like-minded partners in the journey towards circularity and providing our customers with the assurance of responsible recycling with measurable impact over time.

Find out how you can join CLPN as a partner!



The Network was launched with 10 recycling service providers - Bluefield Renewable Energy, Eco-Mastermelt, Global Enviro Technology, Hiroyuki Industries, KGS, Kloth Circularity, Life Lab Resources, Plaspulp Union, Samwoh Corporation and Zero Waste Solution - at CleanEnviro Summit Singapore 2024.

These providers are committed to collective standards of material handling and operational processes, ensuring responsibility and quality throughout the value chain.

By joining the Network, recycling service providers will be able to gain access to market insights, infrastructure support and engagement with key industry stakeholders.

Customers who entrust us with handling their recyclables will be able to tap on our sustainable waste management solutions to analyse their recycling data, develop a long-term resource recovery roadmap and most importantly, decide how their recyclables are managed.

Find out more about CLPN today!

## Circularity, Commitment, Collaboration

As your decarbonisation and circularity partner, we can help you to plan better waste segregation at source and divert more waste from incineration and landfill, identify and validate the most responsible closed-loop or waste-to-X possibilities to channel waste, and progress towards higher recycling rates and robust sustainability reporting.

## Fostering Industry Partnerships to Advance a Circular Economy

### Contact Us

Sembcorp Environment Pte Ltd  
[recycleright@sembcorp.com](mailto:recycleright@sembcorp.com)  
[www.sembcorp.com](http://www.sembcorp.com)