

environmental solutions asia



we are

environmental solutions asia



101 Tuas South Ave 2
Singapore 637226
www.env-solutions.com

Who is ESA?

We bring green engineering and innovation to transform waste — building a sustainable future.

Since our inception in 1999, Environmental Solutions (Asia) Pte Ltd ("ESA") has been reimagining sustainability.

Our Recycling & Waste Management operations are designed to transform industrial waste into Metals, Minerals, Specialty Chemicals, and Energy — facilitating a cradle-to-cradle approach to resource management.

Our Cradle-to-Cradle Approach



What sets us apart is our low-carbon ethos. Our entire operation is powered by renewable energy generated from solar panels and the gasification of wood waste.

At our headquarters, we process, recycle and recover Hazardous Toxic Industrial Waste such as Metal Sludges, Spent Catalysts and more. And at our second facility, we transform waste plastics to NewOil. In line with our mission, both facilities are Zero Carbon, Zero Energy & Net-Zero Water.



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Enable the circular economy with us



Reach out to process and recycle your Toxic & Hazardous Waste, Chemical Waste, Used Oil, Waste Plastic, Waste Wood, and other Industrial Solid Waste sustainably.

Get in touch to procure our sustainably remanufactured chemicals and minerals such as Fluorspar, Lime, Calcium Chloride, Sulfuric & Hydrochloric Acid, Metal Concentrates.



Connect with us at info@env-solutions.com



Our Services

Thermal Processing of Solid Industrial Waste

We Take In

Sludges, Waste Slurries, Filtercakes, Spent Catalysts, Metal-bearing Dusts, Other Solid Industrial Waste

Enabling Circularity Of

Precious Metals, Base Metals, Minerals

We Serve

Semiconductor, Petrochemical, Electroplating, Wastewater Treatment Plants

Physical-Chemical Treatment of Acid and Alkali Waste

We Take In

Spent Plating Solutions and Etchants, Acid and Alkali waste, Precious Metals Waste Solutions

Enabling Circularity Of

Base Metals (e.g. copper, nickel), Precious Metals (e.g. platinum, silver)

We Serve

Semiconductor, Petrochemical, Electroplating, Pharmaceutical Plants

100% Renewable Energy
Zero-Carbon
Net-Zero Water

Pyrolysis of Plastic-to-NewOil (Packaging Waste)

We Take In

Used Shrink Wrap, Off-spec Plastics, Plastic Drums, Bottles, Containers, Product Overruns

Enabling Circularity Of Plastics & Avoiding Fossil Fuels

We Serve

Logistics and Distribution, FMCG Producers, Retailers, General Waste Collectors

Gasification of Wood Waste to Energy

We Take In

Wood Pallets, Crates and Boxes, Construction Wood

Increasing Use of Renewable Energy

We Serve

All industries, General Waste Collectors



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Get In Touch Today



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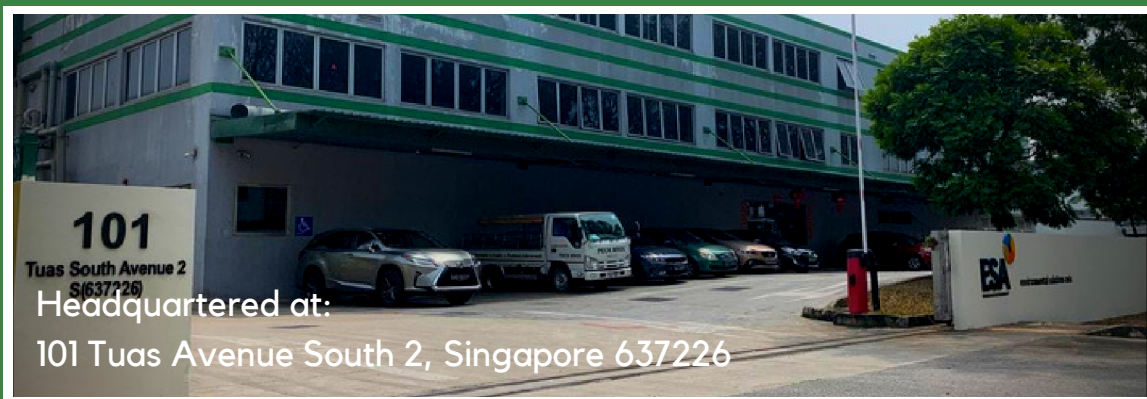
info@env-solutions.com



[+65 6653 2299](tel:+6566532299)



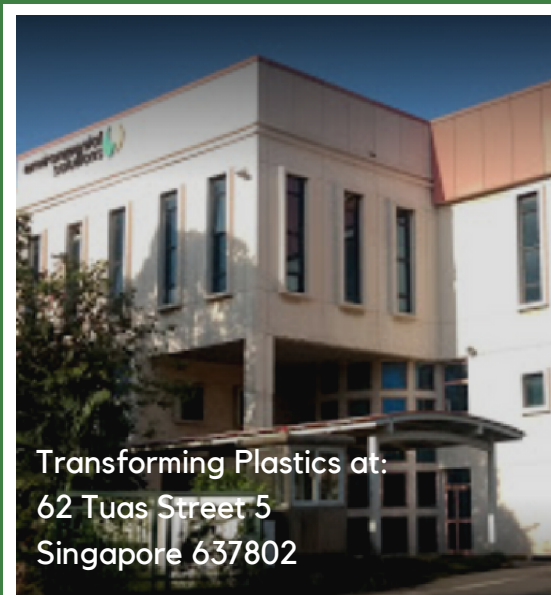
[+65 9488 6653](tel:+6594886653)



101
Tuas South Avenue 2
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Headquartered at:

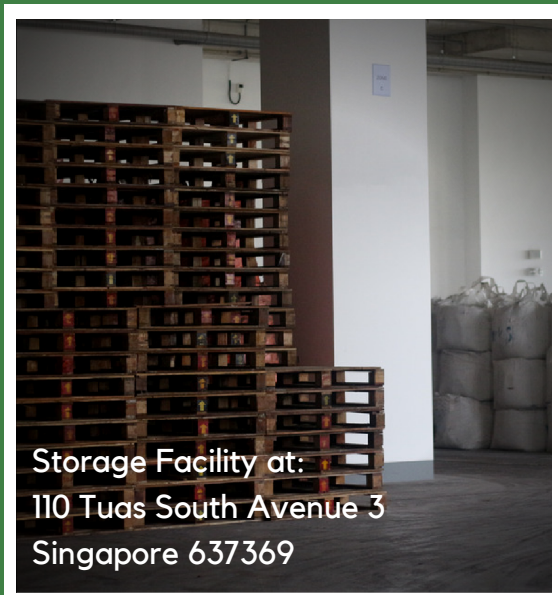
101 Tuas Avenue South 2, Singapore 637226



Transforming Plastics at:

62 Tuas Street 5

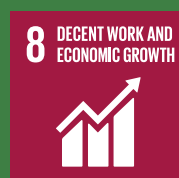
Singapore 637802



Storage Facility at:

110 Tuas South Avenue 3

Singapore 637369



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