



***Virogreen Group of  
Companies -  
Virogreen (Singapore) Pte Ltd***



**Ethical E-Waste Recycling  
ITAD Services**

**Customer Satisfaction Guarantee - Every time**

***Your Trust is Our Success***



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- E-WASTE RECOVERY / REFINERY
- OUR ENHANCED FACILITIES
- READY TO SERVICE YOU



# WHO ARE WE



TRUST &  
INTEGRITY

We started of as a company with a vision and a dream. We wanted a recycling company that focuses on our customer's requirements yet balancing *Social Responsibility* as our **No.1 priority**.

Then we found two words that we know we must live-by and put into action every moment we spent building this company.

- Integrity & Transparency
- Exceptional Value & Maximizing Returns

A man in a grey tank top and blue jeans carries a large, white, rectangular box of e-waste on his head. The box is overflowing with tangled wires and electronic components. He is walking through a dusty, industrial area with a hazy background. The text "THE RISING TIDE OF E-WASTE" is overlaid in large, white, sans-serif font across the center of the image.

# THE RISING TIDE OF E-WASTE

Brought to you by:



**VIROGREEN**

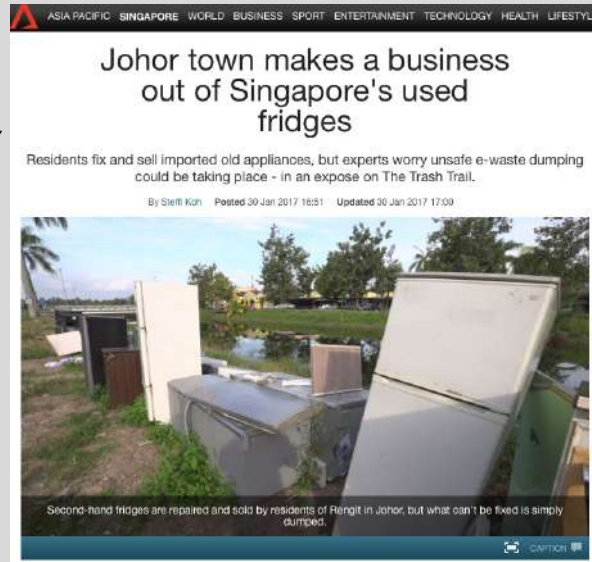
[www.virogreen.net](http://www.virogreen.net)





# SOCIAL RESPONSIBILITY

Quoted from CNA dated 30-Jan-2017

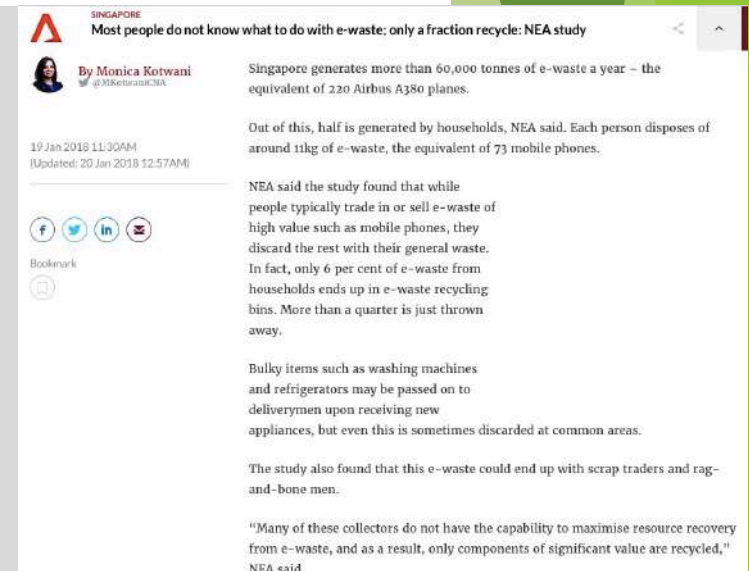


Quoted from CNA dated 29-Jan-2017



## ETHICAL PROGRAMS & PROCESSES

Most people do not know what to do with e-waste; only a fraction recycle: NEA study



Quoted from CNA dated 19-Jan-2018



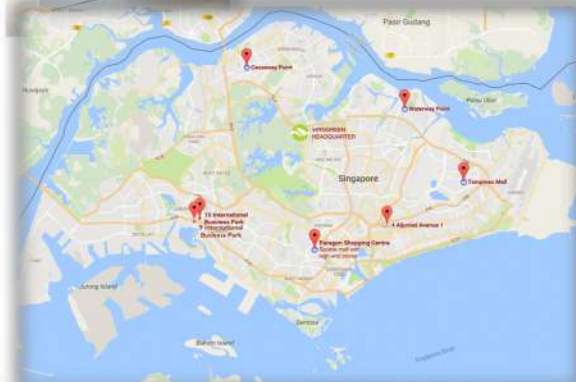
# CORPORATE SOCIAL RESPONSIBILITY PROGRAMS



*HP E-waste Recycling Roadshows*



*National Youth Envirolympics Challenge 2016 - Enviro Nation Forum*



*M1 Singapore - Drop off Recycling Points - M1 E-waste Recycling Talk 2017*





# CORPORATE SOCIAL RESPONSIBILITY PROGRAMS

Officially launched on 18<sup>th</sup> November 2017  
@ Punggol 21 Community Club.







# CORPORATE SOCIAL RESPONSIBILITY PROGRAMS

Taman Jurong YEC - Annual Recycling Project 2018



## Taman Jurong CC YEC Recycling Project

1 February at 22:30 · Singapore ·

Virogreen - Singapore will be down at our bazaar only on Sunday from 9am to 3pm. They will be providing onsite hard disks destruction services. There will also be banners put up to educate residents on proper e-waste disposal. So do come down to visit our bazaar!

Virogreen  
X  
Taman Jurong  
Recycling Project







# CORPORATE SOCIAL RESPONSIBILITY PROGRAMS

Bukit Timah CC - Chinese New Year Celebration:  
E-waste Awareness Event 2018







# CORPORATE SOCIAL RESPONSIBILITY PROGRAMS

Punggol North - Racial & Religious Harmony Event 2018







# CORPORATE SOCIAL RESPONSIBILITY PROGRAMS

North East CDC - Clean & Green @  
CompassOne Event 2018







# CORPORATE SOCIAL RESPONSIBILITY PROGRAMS

People's Association - Women for Climate  
Action Event 2018







# CORPORATE SOCIAL RESPONSIBILITY PROGRAMS

NEA 3R Awards for Shopping Malls - 2019





**1. Set up a space at home for your recycling bin or bag to collect paper, plastics, metal and glass for recycling.**



**2. Empty recyclable containers of any content. Rinse them if necessary. Place them into your recycling bin or bag.**



**3. When your recycling bin or bag is full, bring it to the blue recycling bin near your house and deposit the recyclables.**



**4. Do not put any food and liquid waste, tissue, ceramics, light bulbs, batteries or bulky items into the recycling bin.**





# CORPORATE SOCIAL RESPONSIBILITY PROGRAMS

\* Presently over 50x E-waste Bins located Island-wide in Singapore

## Our Grassroots E-waste Ambassadors & Partnerships



## Our Corporate E-waste Ambassadors & Partnerships







# CORPORATE SOCIAL RESPONSIBILITY PROGRAMS

- Official Recycling Partner - SITEX 2018



- Official Recycling Partner with ReWired - NTU / NUS





# CORPORATE SOCIAL RESPONSIBILITY PROGRAMS

## PMD Disposal Exercise 2019 - 2020



News, wherever you are.  
Stay updated with our Telegram service.  
JOIN our channel at [t.me/todayonline](https://t.me/todayonline).

We set you thinking  
**TODAY**  
TUESDAY 24 JUNE 2020

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Subscribe to our email newsletter for the day's essential news, straight to your inbox.

Singapore World Big Read Opinion Gen Y Speaks Features Visuals Brand Spotlight 8 DAYS

### What happens to a PMD after it's been disposed of

By TESSA OH

Raj Nadarajan/TODAY

The personal mobility devices collected by local e-waste recycling company Virogreen come in all shapes and sizes.

Published 29 SEPTEMBER, 2019 UPDATED 02 OCTOBER, 2019

603 Shares [f](#) [t](#) [e](#) [s](#) [in](#)

Quoted from TODAY dated 02-Oct-2019





PLEASE



RECYCLE

**WHY RECYCLE?  
WHY VIROGREEN?**





# OUR QUALIFICATIONS



## Integrity & Transparency

- ISO 9001 & 14001, SS506 / OHSAS 18001 certified.
- Responsible Recycling (R2) certified.
- Compliancy with the Control on Transboundary Movements of Electronic & Electrical waste (E-waste) - BASEL PERMIT.
- Localized Waste license / permit.
- Localized Second hand Dealer License.
- Localized IMDA Dealer License.

## Exceptional Value & Maximizing Returns

- Appointed as the Agent of an Asian Reputable Refinery.
- Approved Localized Qualified re-manufacturing facility.

**QUALITY  
PROCESSES /  
ENVIRONMENT  
FRIENDLY**





# OUR QUALIFICATIONS



Responsible Recycling R2



ISO 9001: 2015



ISO 14001: 2015



OHSAS 18001: 2007  
SS 506 Part 1: 2009



# OUR QUALIFICATIONS

**National Environment Agency**  
 43, Serangoon Road, Singapore 234473  
 Tel: 6733 5555  
 Fax: 6733 2141  
 E-MAIL: nea@nea.gov.sg

**LICENCE ISSUED UNDER THE ENVIRONMENTAL PUBLIC HEALTH ACT (CAP 95) THE ENVIRONMENTAL PUBLIC HEALTH (GENERAL WASTE DISPOSAL FACILITY) REGULATIONS**

**Name Of Licensee:** VIROGREEN (SINGAPORE) PTE. LTD.  
**Unique Entity No.:** 201603092

**Address Of Licensee:** 95 TANGS LANE, #10-00 BINGO INDUSTRIAL ESTATE, SINGAPORE 797537

**Address Of Facility:** 95 TANGS LANE, BINGO INDUSTRIAL ESTATE, SINGAPORE 797537

**Name Of Facility:** Mangrove (Singapore) Pte Ltd  
**Design Capacity:** 200 TONNES PER DAY

**Approved Waste Type(s):** E-waste, Scrap metal Waste generated from the manufacture of electrical and metal (in products Plastic waste)

**Approved Storage Limit:** 100 TONNES

**License No.:** WDL 17-09-0004

**Type Of License:** LICENCE TO CONSTRUCT, ESTABLISH, MAINTAIN AND OPERATE A DISPOSAL FACILITY

**License Fee:** \$ 300.00

**Validity Period:** 08/02/2017 TO 05/02/2019 (2 YEARS)

**GENERAL LICENCE CONDITIONS**

- THE LICENCE IS ISSUED PURSUANT TO THE PROVISIONS OF THE ENVIRONMENTAL PUBLIC HEALTH ACT (CAP 95) AND SUBJECT TO THE CONDITIONS STATED OVERLEAF.
- THE CONDITIONS OF THE LICENCE ARE SUBJECT TO THE RIGHT OF THE DIRECTOR-GENERAL OF PUBLIC HEALTH IN THE PUBLIC INTERESTS TO MAKE MODIFICATIONS TO ANY CONDITION OF THE LICENCE OR ADD NEW CONDITIONS TO THE LICENCE DURING THE PERIOD TO WHICH THE LICENCE RELATES.
- BREACH OF ANY OF THE CONDITIONS STATED OVERLEAF OR CONTRAVENTION OF ANY PROVISION OF THE ENVIRONMENTAL PUBLIC HEALTH ACT (CAP 95) MAY RESULT IN THE SUSPENSION OR CANCELLATION OF THE LICENCE AND/OR THE IMPOSITION OF APPROPRIATE PENALTIES ON THE LICENSEE.

19 Sep 2017  
 DATE OF ISSUE

*[Signature]*  
 DIRECTOR-GENERAL OF PUBLIC HEALTH

Page 1 of 2

NEA GWDF License for E-waste

**National Environment Agency**  
 43, Serangoon Road, Singapore 234473  
 Tel: 6733 5555  
 Fax: 6733 2141  
 E-MAIL: nea@nea.gov.sg

**LICENCE ISSUED UNDER THE ENVIRONMENTAL PUBLIC HEALTH ACT (CAP 95) THE ENVIRONMENTAL PUBLIC HEALTH (GENERAL WASTE COLLECTION) REGULATIONS**

**Name Of Licensee:** VIROGREEN (SINGAPORE) PTE. LTD.  
**License No.:** A-16-01-00406

**Address:** NR/C/O. Certificate No.: 00-20140498C

**Address:** 95 TANGS LANE, BINGO INDUSTRIAL ESTATE, SINGAPORE 797537

**Type Of License:** GENERAL WASTE COLLECTOR (CLASS A)

**LICENCE FEE:** \$175.00

**VALIDITY PERIOD:** 12 MONTHS  
**DATE OF EXPIRY:** 06/08/2018

\* Payment by Cheque: CBS 00059      PAYMENT DATE: 20/09/2017

**GENERAL WASTE COLLECTOR'S LICENCE**

- THIS LICENCE IS ISSUED IN ACCORDANCE WITH AND SUBJECT TO THE ENVIRONMENTAL PUBLIC HEALTH ACT (CAP 95), THE ENVIRONMENTAL PUBLIC HEALTH (GENERAL WASTE COLLECTION) REGULATIONS (RG-12) AND THE CONDITIONS OF LICENCE STATED OVERLEAF.
- THIS LICENCE SHALL REMAIN VALID FOR A DURATION OF 12 MONTHS UNLESS SUSPENDED OR CANCELLED PRIOR THEREBY BY THE NATIONAL ENVIRONMENT AGENCY (THE "AGENCY").
- THE LICENSEE SHALL TAKE ALL ACTION, FULFIL ALL CONDITIONS AND DO ALL THINGS REQUIRED TO BE DONE (INCLUDING THE OBTAINING OF ANY NECESSARY CONSENT FROM RELEVANT GOVERNMENT AUTHORITIES OF RELEVANT JURISDICTIONS) SO AS TO ENABLE IT TO LAWFULLY ENTER INTO, PERFORM AND COMPLY WITH ITS OBLIGATIONS UNDER THIS LICENCE.
- THE DIRECTOR-GENERAL OF PUBLIC HEALTH HAS THE RIGHT TO AMEND THE CONDITIONS OF LICENCE AND/OR IMPOSE FURTHER CONDITIONS AS AND WHEN HE DEEMES FIT.

08/02/2017  
 DATE OF ISSUE

*[Signature]*  
 DIRECTOR-GENERAL OF PUBLIC HEALTH

NEA General Waste Collector's License



**IMDA INFOCOMM MEDIA DEVELOPMENT AUTHORITY**

Our Ref: LICENDEER/96564      SER + 8211950  
 SER + 8892650

18 NOV 2016

VIROGREEN (SINGAPORE) PTE. LTD.  
 95 TANGS LANE  
 BINGO INDUSTRIAL ESTATE  
 SINGAPORE 797537

ATTN: TAN CHYUN HOEI PHILIP  
 (GENERAL MANAGER)  
 Dear Sir / Madam

**CLASS LICENCE REGISTRATION NO:** DAL07414      **CLIENT ID:** 96564

**Business Location:** 95 TANGS LANE, BINGO INDUSTRIAL ESTATE, SINGAPORE 797537

- From our records, you are registered as a holder of a Dealer's Class Licence ("the Licence") as at 01 NOV 2014.
- As such, please be reminded that as a licensee, you are:
  - authorized to manufacture, import, let for hire, sell or offer for purchase for sale any registered telecommunication equipment and telecommunication equipment set out in the First Schedule as mentioned in the Telecommunication (Dealers) Regulations (the "Dealers Regulations"). The Dealers Regulations may be viewed at the IMDA website at [www.imda.gov.sg/111](http://www.imda.gov.sg/111) and
  - required to comply with any requirement imposed under the Dealers Regulations and the class licence conditions set out in the Second Schedule to the Dealers Regulations. In this regard, please note that any contravention of the Dealers Regulations or the class licence conditions may lead to enforcement action being taken against the Licensee.
- In addition, nothing in the Dealer's Class Licence shall render IMDA liable or responsible for any infringement by the Licensee, or copyright, in any work or of any patent or for any breach of any written law by the Licensee.

IMDA INFOCOMM MEDIA DEVELOPMENT AUTHORITY  
 31 Robinson Road #12-01 Robinson Exchange 110603  
 30 Storey Landing Road #12-01 Robinson Exchange City Singapore 110608  
 Telephone: 65 6377 3888      Fax: 65 6377 3888      Website: [www.imda.gov.sg](http://www.imda.gov.sg)

IMDA Dealer Class License

Our Ref: SD5312

Date: 8 March 2017

Lao Uai Kwang  
 Virogreen (Singapore) Pte Ltd  
 48, Horne Road  
 #05-02 The Forests  
 Singapore 549355

**POLICE LICENSING & REGULATORY DEPARTMENT**  
 SINGAPORE POLICE FORCE  
 191 NEW BRIDGE ROAD  
 SINGAPORE 079736  
 POLICE LICENSING & REGULATORY DEPARTMENT  
 SINGAPORE POLICE  
 FAX: 6342 1889  
 TEL: 6355 6600

**Business Premises:**  
 95 Tangs Lane  
 BINGO INDUSTRIAL ESTATE  
 Singapore 797537

Dear Sir/Madam,

**EXEMPTION UNDER THE SECONDHAND GOODS DEALERS (EXEMPTION) ORDER**

With reference to your application to deal in secondhand goods listed in The Schedule, I am pleased to inform you that you are exempted under the Secondhand Goods Dealers (Exemption) Order.

2. You will be eligible to deal only in the following items as stated in The Schedule (I):

001	002	003	004
005	006	007	008
009	010	011	

3. You are required to comply with all the provisions of the Secondhand Goods Dealers Act, Chapter 285A and the rules made there under the said Act. A copy of the regulations is enclosed for your reference.

4. You are advised to have the notification letter ready for signature of any firm by any Legitimate Author of Power, the Licensing Officer or a police officer.

Yours faithfully,  
**OFFICER-IN-CHARGE, (GENERAL LICENSING & REGULATORY DEPARTMENT) SINGAPORE POLICE FORCE**

This is a computer-generated letter. No signature is required.

*[Signature]*  
 Officer-in-Charge

SPF Secondhand Goods Dealer License





# OUR QUALIFICATIONS

List of Licensed General Waste Disposal Facilities (GWDFs)

IMPORTANT NOTE: Please contact the companies for more information.

Company	UEN	Facility Address	Contacts	Mixed Waste	Food Waste	E-Waste	Waste from manufacture of electronic waste	Spent Copper Slag	Used Cooking Oil	Paper	Plastic	Scrap Metal	Wood Waste	Horticultural Waste	C&O waste	Tyre/Rubber Waste	Biomass Waste	Glass Waste	Textile Waste	Others
V1 Recycle Pte Ltd	200307525R	15 Defu Lane 11 Defu Industrial Park F 539170	edward.ang@unionsteel.com.sg; V1@V1RECYCLE.COM;								Y									
Vemac Services Pte Ltd	197802468R	142 Tuas South Avenue 2 #01-142 West Point Bizhub 637176	kennyhuang@vemacservices.com; kennyngye@vemaco.com			Y														Y
Veolia ES Singapore Industrial Pte Ltd	198703108N	Lot 77 PT, 1320 PT, 1322 PT & 1323 PT, MK 12 Lim Chu Kang Road Sarimbun Recycling Park 000000	yonghong.lim@veolia.com				Y		Y	Y	Y	Y	Y	Y	Y					Y
Veolia ES Singapore Industrial Pte Ltd	198703108N	23 Pandan Avenue #00-00 ONYX House 609389	yonghong.lim@veolia.com											Y						
Virogreen (Singapore) Pte Ltd	201400808C	95 Tagore Lane #01-00 Sindo Industrial Estate 787537	philip.tan@virogreen.net			Y	Y				Y	Y								
Yew Lee Seng Metal Pte Ltd	198802289H	14 Defu Lane 11 Defu Industrial Park F 539170	edward.ang@unionsteel.com.sg	Y								Y			Y					

**As of 6<sup>th</sup> Sep 2017, Virogreen Singapore is the Licensed GWDF whom is approved to handle 200 tons of E-waste, Waste from Electronic waste, Plastic & Metal per day.**

Since 1 August 2017, NEA began licensing General Waste Disposal Facilities (GWDFs). A GWDF is defined as a disposal facility which receives, stores, sorts, treats or processes general waste, and includes recycling facilities. Companies can apply for the Licence/Exemption via <https://licence1.busines.gov.sg>. All general waste disposal facilities must obtain their licence or submit an exemption declaration by 31 July 2018.

Information extracted from NEA website: [http://www.nea.gov.sg/docs/default-source/energy-waste/waste-management/online-masterlist\\_-1-feb-2018.pdf](http://www.nea.gov.sg/docs/default-source/energy-waste/waste-management/online-masterlist_-1-feb-2018.pdf)



# OUR KEY FOCUS



To help our customer to effectively optimize value through these services we provide.

We help our customers with the following services;

- **End-Term IT Life-Cycle (ITAD)**
- **Secure Destruction**
- **Electronic Waste Recovery**

**SERVE  
WITH PRIDE**



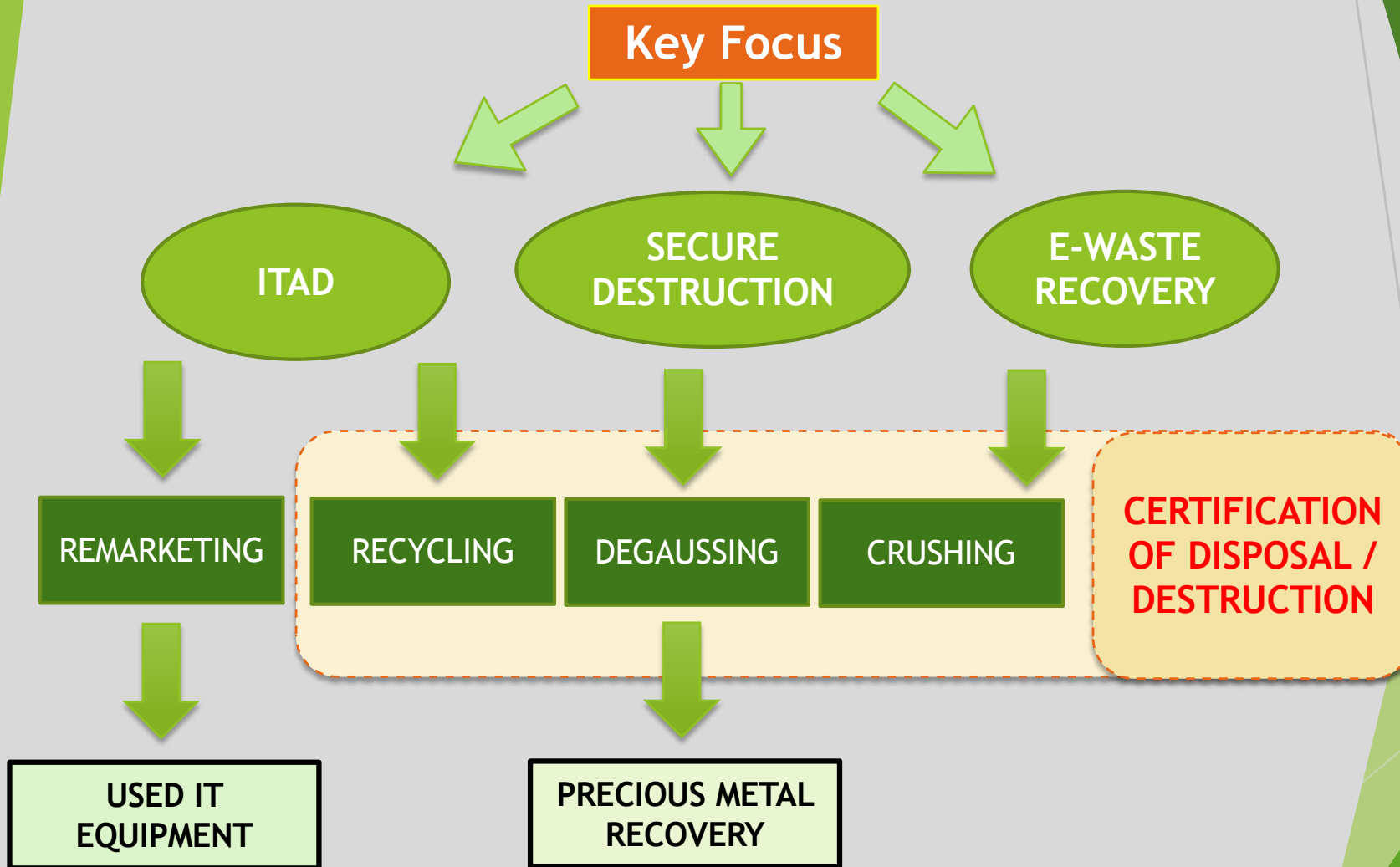
info@virogreen.net  
www.virogreen.net





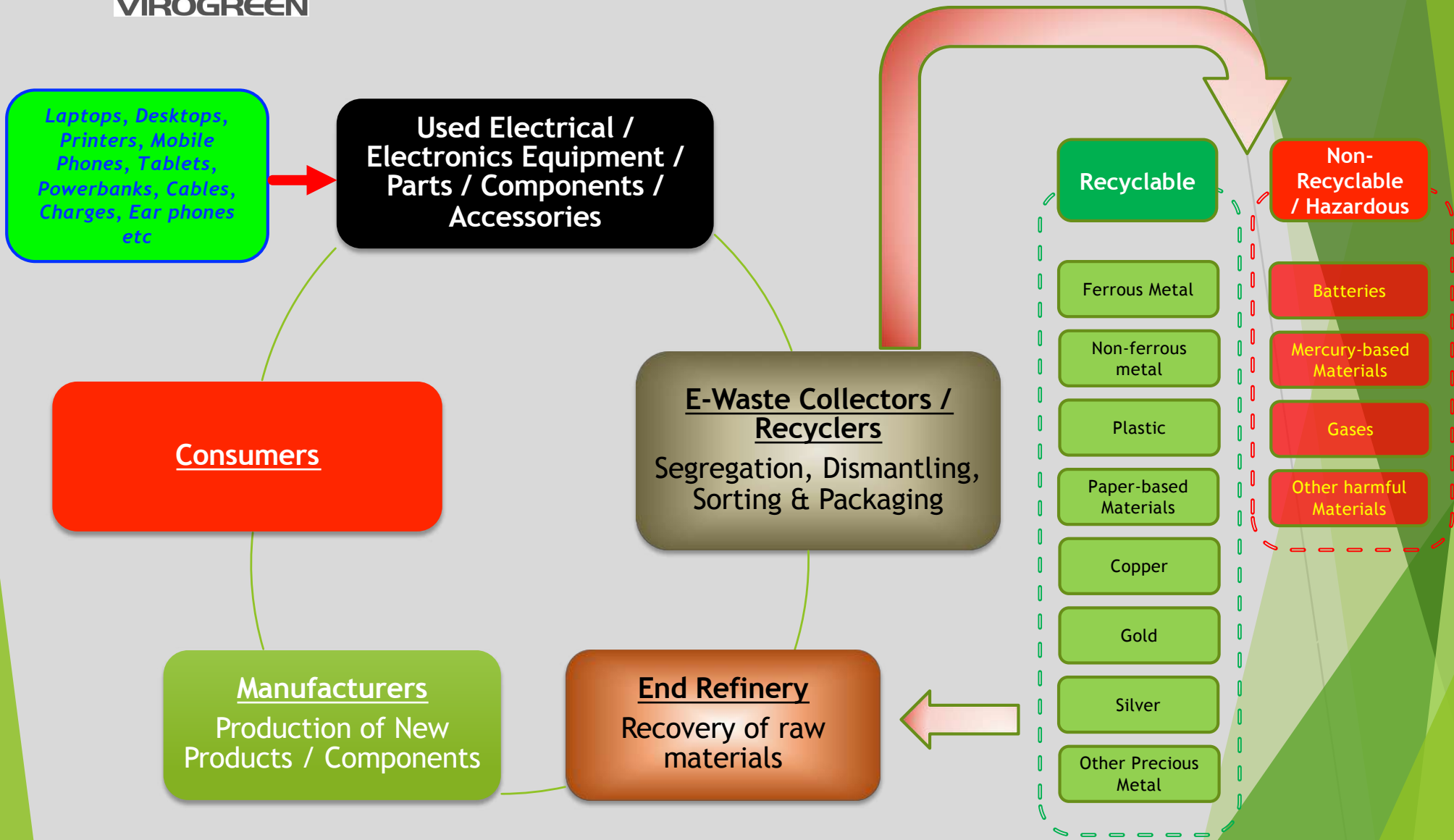


# OVERVIEW OF OUR SERVICES





# BACKGROUND







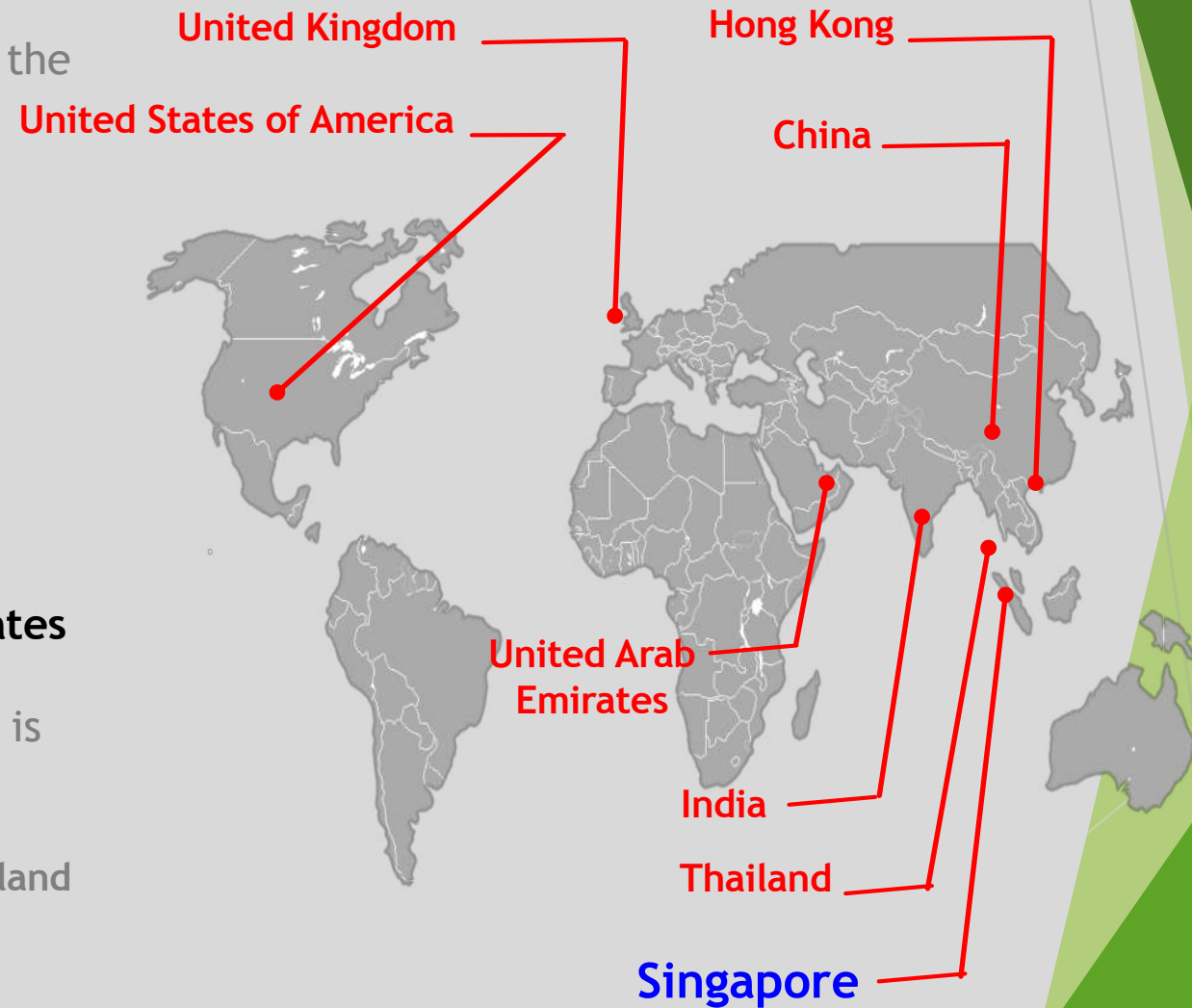
# REACHING OUT

We are now serving in the following countries.

- 1) **Singapore - HQ**
- 2) Hong Kong
- 3) Thailand
- 4) India
- 5) China
- 6) United Kingdom
- 7) United States of America
- 8) United Arab Emirates

The network coverage is expanding which may include;

- a) Australia & New Zealand
- b) Japan
- c) Korea
- d) Indonesia





## END TERM IT LIFECYCLE (ITAD)

ITAD - IT Asset Disposal

*This line of business focus on helping our customers with the following:*



**ULTIMATE  
VALUE**

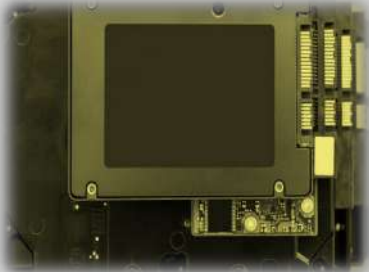
- **Disposal and Recovery = Recycling**
- **IT Asset Trade-In = Remarketing**
- **Minimizing cost and maximizing recovery dollars.**
- **Obsolete / Unwanted IT assets are being dispose in a safe and ecologically responsible manner.**





# SECURE DESTRUCTION - DATA

**Our “Zero Hop” Policy Service =  
Maximum Security for our  
customers**

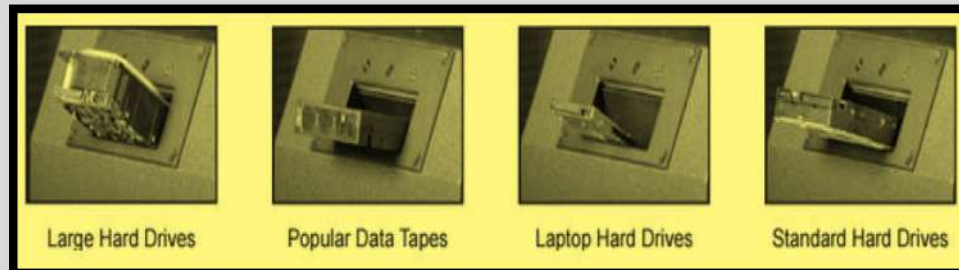


We provide data destruction for most storage devices in market with standards up to US department of Defense DOD - M5220 requirements.

Today we can offer Degaussing and Destruction services for the following devices.

- 1.8”, 2.5” & 3.5” Spindle Hard Drives
- 2.5” and 3.5” SSD Hard Drives
- Backup Tape Media (DLT to LTO)
- USB media sticks

**SECURITY  
FIRST**



Large Hard Drives

Popular Data Tapes

Laptop Hard Drives

Standard Hard Drives



# SECURE DESTRUCTION - DATA

Our Machinery facilities have the following specifications to meet industry standards.

- Capacitive Discharge
- Up to 300 Hard-disk drives per hour
- 9,300 Oe, .93 Tesla nominal
- CE and ANSI Certified.



Our Machinery facilities also have the following compliance standards to government mandates.

- PCI DSS (Payment Card Industry) Data Security Standard
- NIST (National Institute of Standards and Technology)
- NIST SP 800-36
- NIST SP 800-88
- HIPAA (Health Information Portability and Accountability Act)
- PIPEDA (Personal Information Protection and Electronic Documents Act)
- GLBA (Gramm-Leach-Bliley Act)

**ABSOLUTE  
PIECE OF  
MIND**





# SECURE DESTRUCTION - DATA

## Garner HD-3WXL Degasser

- ▶ Capable to be deploy onsite.
- ▶ Each degaussing = >10 sec.





# SECURE DESTRUCTION - DATA

## Garner PD5 Destroyer

- ▶ Capable to be deploy onsite.
- ▶ Each destruction = 20 sec.







# SECURE DESTRUCTION - DATA



*Photos of Crushed HDDs (3.5" & 2.5") and Shredded CDs*



# SECURE DESTRUCTION - DATA



**KS-13120HSV-20**  
**Output - >1.0" size**

## **Heavy duty Hard Drive Shredder** **KS-13120HSV-20**

- ▶ We are in the progress in upgrading our machinery which is the **Kostal Hard Disk Shredding Machine with Recorder / Barcode System**
- **Capacity / speed - 5 to 6 drives / minutes**
- **Shred size - 20 x 40-90 mm wide x random**
- **Media Formats - Server HDDs (up to 1.65" thick)**
- **Standard Power - 5.0 HP, 230V - 3 Phase**





# SECURE DESTRUCTION - DATA

*Heavy duty Hard Drive Shredder*  
*KS-13120HSV-20*

*Photos of Shredded HDDs*  
*(3.5" & 2.5")*





# SECURE DESTRUCTION - DATA

*Heavy duty Hard Drive Shredder*  
*KS-13120HSV-20*






# CERTIFICATIONS

Sample of Certification issued to Customers

## Certificate of Destruction

Your Trust Is Our Success.



### Certificate of Destruction

**COD1602001**



Company Name: xxxxxxxx  
 Company Address: xxxxxxxx  
 Date Received: 3rd Feb 2016  
 GRN: xxxxxxxx

This document certifies the destruction of all software and/or the erasure of all data from electronic storage devices for all assets and material(s) in the under-mentioned items by Virogreen (Singapore) Private Limited and/or by its designated partners. The hardware and data is protected against unauthorized access according to current technical and organizational means.

Virogreen further acknowledges that all electronic data on functional storage devices has been erased by means of Degaussing, a destructive demagnetization process so that the data is not recoverable. Such an irrecoverable process was performed to standards of U.S. Department of Defense DoD 5220.22-M. Non-functional storage devices were further destroyed in an environmentally responsible manner as per attached Certificate of Destruction.

Date of Destruction: 3rd Feb 2016

No.	Description	Serial No.
1.	Toshiba 2.5"	xxxxxxxxxxxx
2.	Hitachi 3.5"	xxxxxxxxxxxx
3.	Samsung SSD	xxxxxxxx
4.		
5.		
6.		
7.		
8.		
9.		
10.		
11.		
12.		



Page 1

## Certificate of Recycling

Your Trust Is Our Success.



### Certificate of Recycling

**COR1509002**

Company Name: xxxxxxxx  
 Company Address: xxxxxxxx  
 Date Received: 17th Sep 2015  
 GRN: xxxxxxxx

This document certifies that all the below mentioned items were received and processed in an environmentally responsible manner by Virogreen (Singapore) Private Limited and/or by its designated counter-parts.

This further certifies that the items identified below had been properly disposed in an environmentally responsible manner, utilizing the process and equipment available in accordance with the Company procedures or written instructions where applicable. This "Certificate Of Recycling" is issued based on a series of specific activities, including collection, identification, separation and treatment by mechanical process or manual means whereby material elements are recovered from the "ITEMS" for use in the form of raw materials in future manufacturing processes and is deemed no longer fit for original intended purpose, but are recycled wherever possible, and/or returned as raw material to the industry.

Index	Brand	Model	Serial No.	Description	Qty
1.	IBM	X336	xxxxxxx	Server System - 1U	1
2.	IBM	X335	xxxxxxx	Server System - 1U	8
3.	IBM	X255	xxxxxxx	Server System - 5U	2
4.	IBM	Nefinity 7000	xxxxxxx	Server System - 7U	1
5.	IBM	X345	xxxxxxx	Server System - 2U	7
6.	IBM	X346	xxxxxxx	Server System - 2U	1
7.	IBM	X226	xxxxxxx	IBM Tower Server	2
8.	IBM	X205	xxxxxxx	IBM Tower Server	1
9.	IBM	X206M	xxxxxxx	IBM Tower Server	1
10.	IBM	X3650	xxxxxxx	IBM 2U Server	1

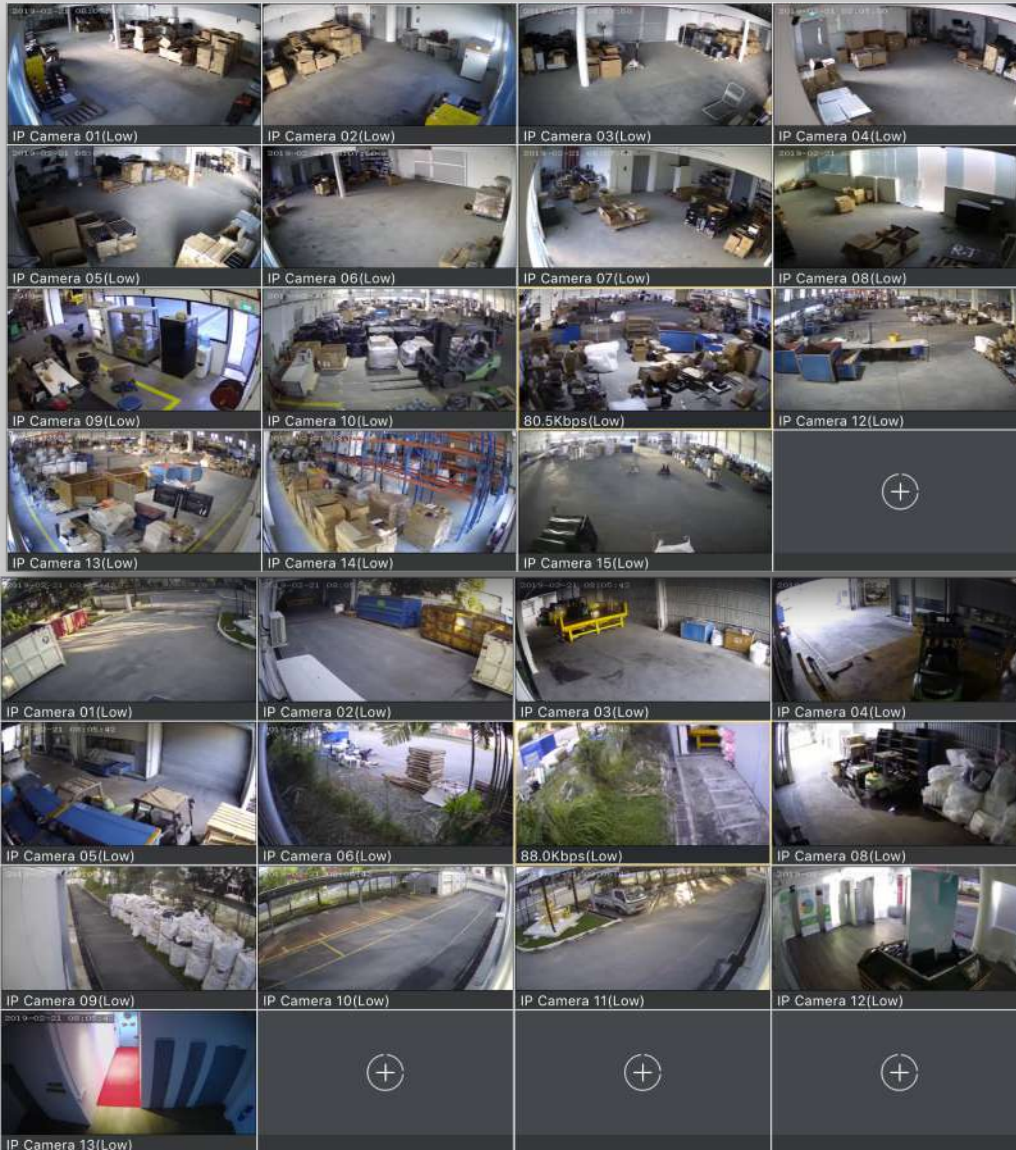


Page 1





# OUR ENHANCED FACILITIES



**24x7 - CCTV System  
(day & night)**



# OUR ENHANCED FACILITIES



*Walk-thru Metal Detector*



*Biometric Door Access System*



*Single Entry / Exit Gate*



*24hrs Security Door Alarm System*



*Night Guard System*





# OUR ENHANCED FACILITIES



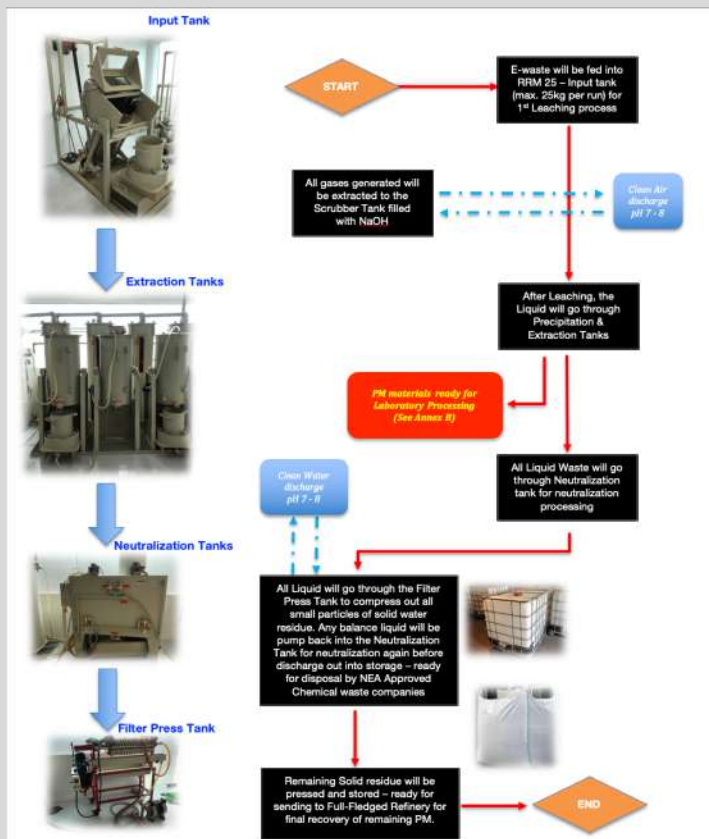
*Enhanced Secured Processing -  
Enclosure with Biometric Access  
Control & Alarm System  
(24x7 CCTV ability - day & night)*





# OUR ENHANCED FACILITIES

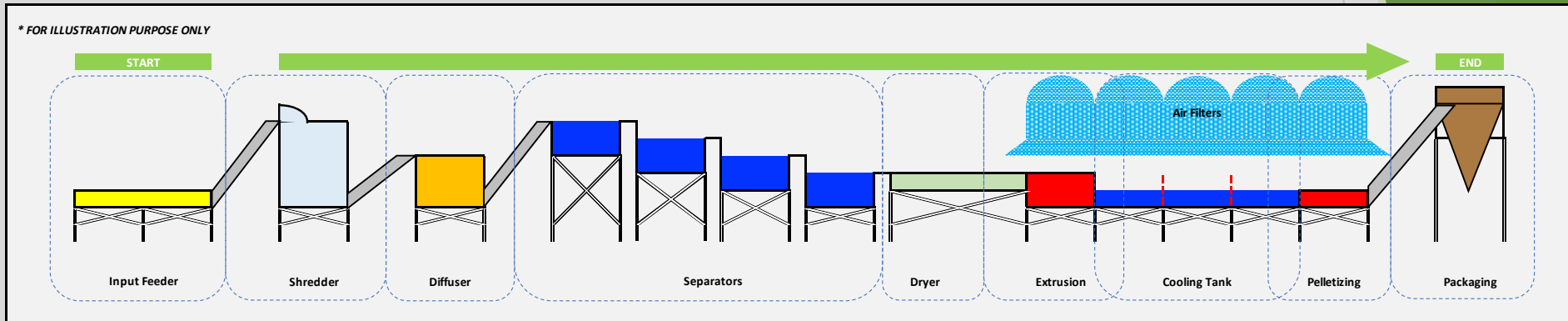
Inhouse Processing for High valued E-waste :-  
Recovery & Refining of Precious Metal





# OUR ENHANCED FACILITIES - *Upcoming*

## PLASTIC RECYCLING / MANUFACTURING PROCESSING\*



## LITHIUM RECOVERY / PROCESSING\*



1. *Plastic Re-manufacturing*
2. *Lithium Recovery*
3. *Waste to Energy*
4. *Waste Water to Clean Water*

\* FOR ILLUSTRATION PURPOSE ONLY



# E-WASTE RECOVERY

## A ONE STOP - ZERO HOP - SOLUTION



- Direct Shipment to Refinery.
- Reduced Shipment duration.
- Maximum Recovery Return.
- Shorter Recovery Return Settlement.

Always looking to help our customers with their requirements on E-waste recovery.

MAXIMUM  
RECOVERY

MAXIMUM  
RETURNS

- Manufacturing trails / Prototypes e-waste
- Manufacturing e-waste
- Expired / Obsolete e-waste

SAMPLE RECOVERY RATE - MONETORY VALUE\*

Precious Metal	Content	Recovery PM	LME	Value (USD\$)
Copper	20.30 %	4,060.00 kg	6,094.00 \$ / ton	\$ 24,741.64
Gold	80.00 g/t	1.60 kg	1,249.00 \$ / oz	\$ 70,491.56
Silver	1,100.00 g/t	22.00 kg	14.70 \$ / oz	\$ 11,407.61
Palladium	28.00 g/t	0.56 kg	1,247.00 \$ / oz	\$ 24,632.54
			<b>4,084.16 kg</b>	<b>\$ 131,273.35</b>

\* Based on 20ton of Printed Circuit Boards





# E-WASTE REFINERY

## DIRECT HANDLING BY REPUTABLE ASIAN REFINERY

E-waste



Collection



Preemptive  
Analysis of  
E-waste



1. Guaranteed Trans-boundary Movements of E-waste - BASEL PERMIT.
2. Zero Hop Policy - Secure Direct Shipment.
3. Shipment Time: 14 - 21 days.
4. Consistent Analysis - Min % variable.
5. Best Recovery return policy for our customers - max. 45 days towards Final Settlement.



Ship direct



Refinery



Maximum  
returns



Precious metal  
output



# READY TO SERVE YOU



ALWAYS  
WITH  
YOU

- Your decision today is important to us.
- Your feedback is vital to our success.
- Your requirements are our commandments.
- We listen and will be always willing to make amendments for our customers
- We are a small company, meaning we can be flexible in creating customized solutions for our customers with minimal turn around time.
- Be onboard to sample our services today.



**Thank you**

[www.virogreen.net](http://www.virogreen.net)