

MEETING OF THE INTERNATIONAL E-WASTE MANAGEMENT NETWORK

DEPARTMENT OF ENVIRONMENT MALAYSIA

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OF

HAZARDOUS SUBSTANCES DIVISION

INTRODUCTION & BACKGROUND

✓ E-waste has been regulated in Malaysia since 2005;

- Environmental Quality (Scheduled Wastes) Regulations, 2005. This regulation has included e-waste as scheduled wastes;
- The 2005 regulation has replaced the 1989 regulation to enable Malaysia to control transboundary movement of e-waste;
- ✓ Guidelines for the Classification of Used Electrical and Electronic Equipment in Malaysia", 2nd Edition 2010; and
- Environmental Quality (Prescribed Premises) (Treatment Disposal Facilities for Scheduled Wastes) Regulations, 1989(control on collection, treatment, recycling and disposal of scheduled waste including e-waste).

DEFINITIONS

- Definition of scheduled wastes any wastes falling within the category of of waste listed in the First Schedule, Environmental Quality (Scheduled Waste) Regulations 2005.
- Scheduled wastes have been categorized based on type of waste. Currently, there are 77 categories of scheduled wastes which are grouped into 5. This includes e-wastes, used oil, clinical waste, sludges from treatment wastewater plant containing heavy metal, used solvent, used lead acid batteries, waste containing PCB or PCT, wastes from the production, formulation trade or use of pesticides, herbicides or biocides, etc.



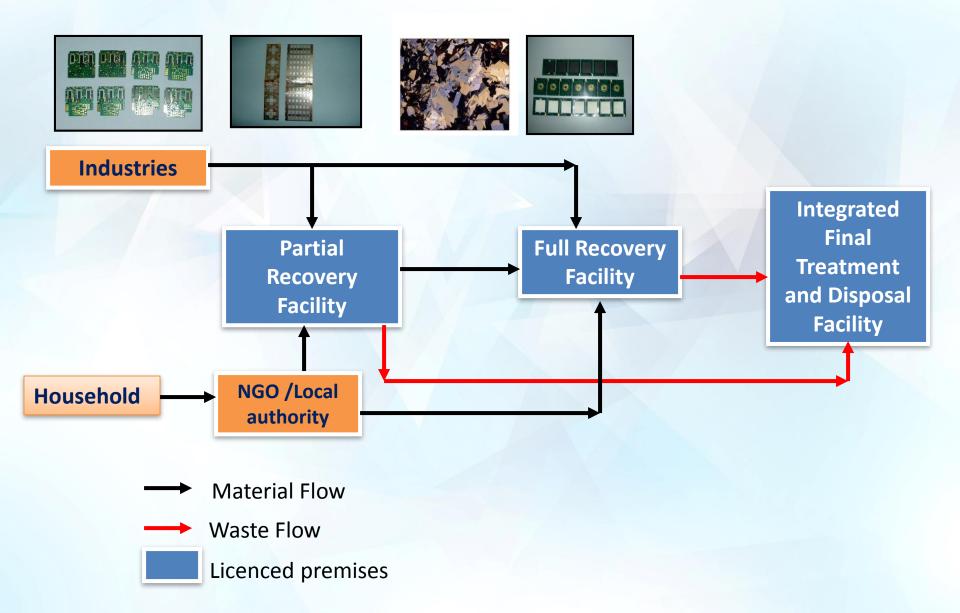
SW103 : Waste of batteries containing cadmium and nickel or mercury or lithium



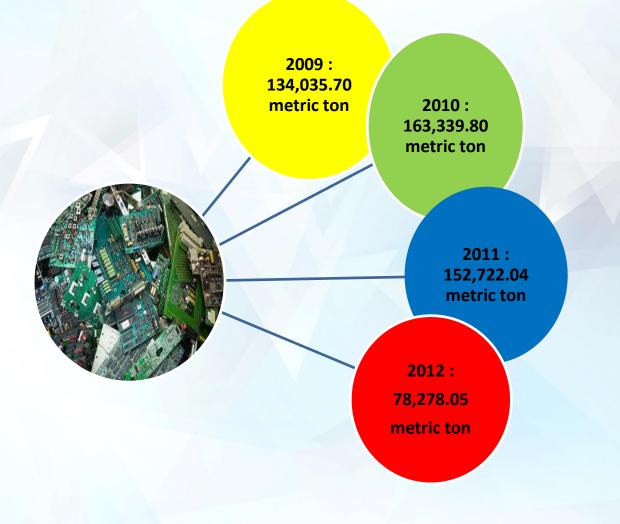
SW109 : Waste containing mercury and its compound

SW110 : Waste from electrical and electronic assemblies containing components such as accumulators, mercury-switches, from glass cathode-ray tubes and other activated glass or polychlorinated biphenyl-capacitors, or contaminated with cadmium, mercury, lead, nickel, chromium, copper, lithium, silver, manganese or polychlorinated biphenyls

E-WASTE MANAGEMENT IN MALAYSIA



QUANTITY OF E-WASTE GENERATED BY INDUSTRIES IN MALAYSIA



POLICIES ON E-WASTES

DEVELOPMENT OF POLICIES AND GUIDELINES

- i. Malaysia does not allow the importation of hazardous waste including e-waste into the country;
- ii. Malaysia does allow importation of used electronic and electrical equipment into country for direct reuse, provided such equipment shall not be more than three years from the date of its manufacture
- iii. The import of e-waste for recovery or disposal is disallowed
- This policy is described under the "Guidelines for the Classification of Used Electrical and Electronic
 Equipment in Malaysia", published by the DOE in 2010.
- v. Since there are already recovery facilities established in Malaysia to process and recovery useful materials from e- wastes, it is also the policy of the Government of Malaysia not to allow e-wastes to be exported out of the country
- vi. Malaysia will only allow the exportation of e- wastes for recovery in overseas, if the local recovery facilities do not have capability and capacity to carry out such activity.
- vii. Before DOE can allow e-wastes to be exported, the e-wastes generator (not the contractor) must submit their proves.
- viii. The consideration for such exportation is based on case-by-case basis and the exportation of e-wastes for final disposal is totally not allowed

E- WASTE RECOVERY FACILITIES IN MALAYSIA

138 e-waste recovery facilities in Malaysia with the total capacity to handle more than 24,000 metric ton of e-waste per month/ 288,000 metric ton per year..

99 partial recovery, small and medium size operators engaged in physical or manual segregation of ewastes for further processing.

39 full recovery facilities which can process the e-wastes to recover the precious metals.

LIST OF E-WASTE COLLECTION CENTRES

No.	STATE	OPERATORS	LOCATION OF E-WASTE COLLECTION CENTRES
1			Sunshine Jelutong, 9-27, Jalan Lenggong, 11600 Jeluton
2			
		LOCAL AUTHORITIES:	Sunshine Farlim Hypermarket, No.1, Lintang Kg. Melayu, Bandar Baru Ayer Itam (Farlim)
3		MAJLIS PERBANDARAN	Stor Pembersihan Kg. Jawa Baru, MPPP Stor
4		PULAU PINANG	Bahagian Perkhidmatan Perbandaran, MPPP, Jalan Padang Kota Lama
5			Jalan Chai, Balik Pulau, MPPP Kontena Jalan Chai
5			Oldham, Tg. Bunga, MPPP Kontena Jalan Oldham Taman Bertam Indah, Kepala Batas
8			Taman Pandan, Butterworth
9			Jalan Mohd Saad, Butterworth
10	1		Taman Sri Kijang, Alma, Bukit Mertajam
11	1		Taman Kota Permai, Bukit Mertajam
12			Taman Bukit Indah, Jalan Kulim, Bkt. Mertajam
13			Taman Sri Rambai Fasa 4, Bukit Mertajam
14			Bandar Tasek Mutiara, Simpang Ampat
15			Taman Merak, Simpang Ampat
16 17	PULAU PINANG		Taman Rupawan, Kepala Batas
17			Apartment Permata, Bandar Perda Taman Sri Rambai Fasa 1 & 2, Bkt. Mertajam
19			Taman Keenways, Bukit Mertajam
20		LOCAL AUTHORITIES:	Taman Ara Indah
21	1	MAJLIS PERBANDARAN	Taman Makok, Bukit Mertajam
22		SEBERANG PRAI	Taman Duku, Bukit Mertajam
23	1		Taman Sentul Jaya, Juru
24	1		Perkampungan Juru, Juru
25			Taman Chuan Liew, BM
26			Taman Bukit Indah
27			Gereja St. Ann, BM
28			Taman Sukun,BM
29			Taman Ara Indah
30			Gereja Baptist,Prai
31			Taman Meranti, Bagan Ajam
32	•		BAKAT TUDM, Butterworth
33			NBVM 3R Committee, Jln. Chain Ferry Taman Bunga Raya,Raja Uda
35			Taman Gemilang Semarak
36			Jusco Taman Universiti
37			Pelangi Leisure Mall
38	1		Taman Setia Indah
39	JOHOR	SWM ENVIRONMENT SDN BHD	Taman Bukit Indah
40		впр	Taman Melodies, Johor Bahru
41			Taman Orkid, Muar
42			Taman Damai, Muar
43		SWM ENVIRONMENT SDN	Jaya Jusco Ayer Keroh
44	MELAKA	BHD	Taman Desa Baru
45			Taman Sentosa
46 47	4	SWM ENVIRONMENT SDN	Jusco Seremban 2
47	NEGERI SEMBILAN	SWM ENVIRONMENT SDN BHD	Taman Oakland, Seremban Seremban Centre Point
40	1		Taman Arowana Impian, Seremban
50			PASAR MODEN CHERAS (FRC), Tempat letak kereta
51	1		MIDVALLEY MEGAMALL (FRC), Zone A, P1 Parking Lobby, South Court
52			JAYA JUSCO TAMAN MALURI (FRC)
53	4		CARREFOUR, WANGSA MAJU (FRC)
54			PLAZA MONT KIARA (MRC), Sunrise Fun Zone Community Centre
55			BANGSAR PARK (MRC), Lorong Maarof 3 (Di depan Restoran Kausi)
56]		JAYA JUSCO METRO PRIMA
57	KUALA LUMPUR	ALAM FLORA SDN BHD	BUKIT DAMANSARA (MRC), Di depan Bismi Minimart – Plaza Damansara
58	1		PANTAI HILLPARK CONDO BANGSAR (MRC)
59	1		TAMARIND CONDOMINIUM (MRC), Bandar Baru Sentul
00	1		THAM WAH WAN TEMPLE (MRC), Jalan Klang Lama – Temple Parking area
60			
60 61			VILLA FLORA. TTDI (MRC). Level 2, Management Office area
61			VILLA FLORA, TTDI (MRC), Level 2, Management Office area
			VILLA FLORA, TTDI (MRC), Level 2, Management Office area TAMAN TUN DR ISMAIL (MRC), ESSO Station - Jalan Burhanuddin Helmi TAMAN TUNKU APARTMENTS, JALAN LANGGAK TUNKU, BUKIT TUNKU (MRC), Tempa

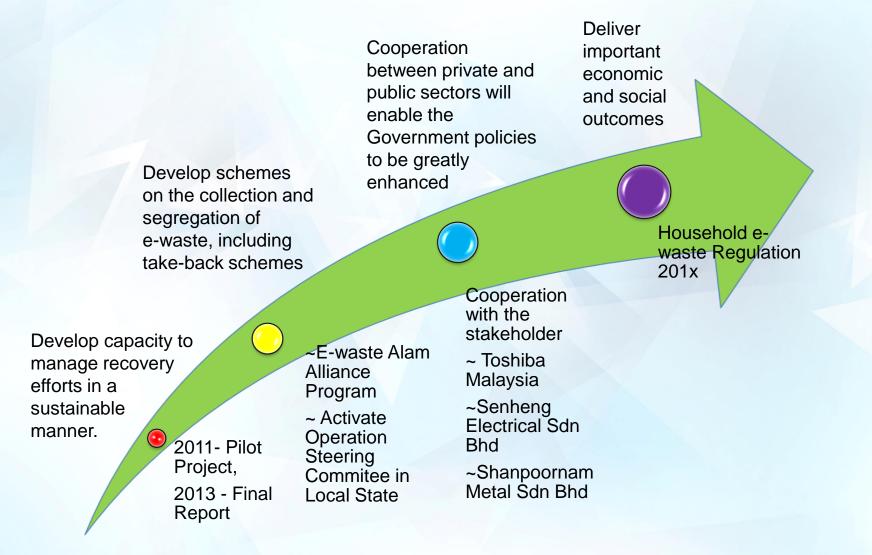
64 FAMAN SRI GOMBAK (FRC), Tempal teak kereta (Di depan CIMB), Selayang 65 Selayang 66 Pusat membeli belan GIANT (FRC), Selayang 67 NOMPLEKS MUHIBBAH, TAMAN NIRWANA, AMPANG (FRC), Ampang Jaya 68 SURWAY PYRAMIC (FRC), Subang Jaya 69 SURWAY PYRAMIC (FRC), Subang Jaya 70 CAREFOUR SUBANG JAYA (FRC), Jansara Jaya, Petaling Jaya 71 SELANGOR DAMANSARA JAYA (FRC), Jin S522/47, Damansara Jaya, Petaling Jaya 72 SIST RESIDENT ASSOCIATION (FRC), Resident Association Center, Jalan SS3/14, Petaling Jaya 73 ASRAMA PUSAT SRI TANJUNG CAR PARK (MRC), Shah Alam 74 PEKAN SUNGAI BESAR (MRC), LOI PT 6216, Jalan Bunga Raya Besar, Shah Alam 75 Stel Sel Stel Stel Stel Stel Stel Stel S	No.	STATE	OPERATORS	LOCATION OF E-WASTE COLLECTION CENTRES
66 Pusat membeli belah GIANT (FRC), Selayang 66 KOMPLEKS MUHIBBAH, TAMAN NIRWANA, AMPANG (FRC), Ampang Jaya 67 SUNWAY PYRANID (FRC) 69 GUNWAY PYRANID (FRC) 70 MENARA SUNWAY (MRC) 71 MENARA SUNWAY PYRANID (FRC), Subang Jaya 72 SELANGOR 73 DAMANSARA JAYA (FRC), Jin S222/47, Damansara Jaya, Petaling Jaya 74 DAMANSARA JAYA (FRC), ISS22/47, Damansara Jaya, Petaling Jaya 73 SS3 RESIDENT ASSOCIATION (FRC), Resident Association Center, Jalan SS3/14, Petaling Jaya 74 ASRAMA PUSAT SUNGAI BESAR (MRC), Lot PT 6216, Jalan Bunga Raya Besar, SS4/4, Petaling Jaya 75 SEKSYEN 11 (FRC), Bersebelahan dengan dewan serbaguna, Shah Alam 76 WISMA DRB-HICOM (MRC), Tempat letak kereta, Shah Alam 77 KOTA KEMUNING RESIDENT ASSOC. (MRC), MBSA dewan serbaguna, Seksyen 31/69, Shah Alam 78 Putra.Jaya 79 Sex SYEN 11 (FRC) Selatan Presint 16 (FRC) 79 KOTA KEMUNING RESIDENT ASSOC. (MRC), MBSA dewan serbaguna, Seksyen 31/69, Shah Alam 78 KOTA KEMUNING RESIDENT ASSOC. (MRC), MBSA dewan serbaguna, Seksyen 31/69, Shah Alam 78 Sea Yama Presint 16 (FRC) 79 KOTA KEMUNING RESIDENT ASSOC. (MRC),	64			
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ALAM FLORA SDN SUNWAY PYRAMID (FRC) 70 SLINWAY PYRAMID (FRC) 71 MENARA SUNWAY (MRC) 72 CARREFOUR SUBANG JAYA (FRC), Subang Jaya 73 DAMANSARA JAYA (FRC), JIn SS22/47, Damansara Jaya, Petaling Jaya 73 SS3 RESIDENT ASSOCIATION (FRC), Resident Association Center, Jalan SS3/14, Petaling Jaya 74 SS3 RESIDENT ASSOCIATION (FRC), Resident Association Center, Jalan SS3/14, Petaling Jaya 74 PEKAN SUNGAI BESAR (MRC), Lot PT 6216, Jalan Bunga Raya Besar, Shah Alam 75 SEKSYEN 11 (FRC), Bersebelahan dengan dewan serbaguna, Shah Alam 76 WISMA DRB-HICOM (MRC), Tempat letak kereta, Shah Alam 77 PRESINT 9 Dewan Serbaguna (FRC) 78 PHTRAJAYA 81 ALAM FLORA SDN BHD 81 PUTRAJAYA 82 ALAM FLORA SDN BHD 84 PAHANG 85 SAMA PUSAT SANA JUSCO CHERAS SELATAN (FRC) 88 JAYA JUSCO CHERAS SELATAN (FRC) 89 PAHANG 84 FLORA SDN BHD 85 JAYA JUSCO CHERAS SELATAN (FRC), Temerloh 86 JAYA JUSCO CHERAS SELATAN (FRC) 86 JAYA JUSCO CHERAS SELATAN (FRC), Te	66			KOMPLEKS MUHIBBAH, TAMAN NIRWANA, AMPANG (FRC), Ampang Jaya
69 70 MENARA SUNWAY (MRC) 70 CARREFOUR SUBANG JAYA (FRC), Subang Jaya 71 DAMANSARA JAYA (FRC), JIn SS22/47, Damansara Jaya, Petaling Jaya 72 SS3 RESIDENT ASSOCIATION (FRC), Resident Association Center, Jalan SS37/4, Petaling Jaya 73 SS3 RESIDENT ASSOCIATION (FRC), Resident Association Center, Jalan SS37/4, Petaling Jaya 74 ASRAMA PUSAT SRI TANJUNG CAR PARK (MRC), Shah Alam 75 PEKANSUNGAI BESAR (MRC), Lot PT 6216, Jalan Bunga Raya Besar, Shah Alam 76 Shah Alam 77 VISMA DRB-HICOM (MRC), Tempat letak kereta, Shah Alam 78 PUTRAJAYA 81 PUTRAJAYA 81 PUTRAJAYA 84 BHD 85 Seksyen 31/69, Shah Alam 86 JAYA JUSCO CHERAS SELATAN (FRC) 87 PABANG 88 PAHANG 89 PAHANG 80 Taman Septan Jaya (<i>Nun By Private</i>) - FRC, Pekan 88 Taman Selesar Maran, 26500 Maran (FRC), Temerloh 89 Pasar Besar Maran, 26500 Maran (FRC), Temerloh 89 Pasar Besar Maran, 26500 Maran (FRC), Temerloh 89 Di depan Bank Islam, Jalan Dato Bahaman, Temerloh (FRC	67			TOWN PARK, PANDAN INDAH (FRC), Ampang Jaya
70 71 71 72 72 SELANGOR 73 DAMANSARA JAYA (FRC), JIn SS2/47, Damansara Jaya, Petaling Jaya 73 SS3 RESIDENT ASSOCIATION (FRC), Resident Association Center, Jalan SS3/14, Petaling Jaya 74 ASRAMA PUSAT SRI TANJUNG CAR PARK (MRC), Shah Alam 75 PEKAN SUNGAI BESAR (MRC), Lot PT 6216, Jalan Bunga Raya Besar, Shah Alam 76 SEKSYEN 11 (FRC), Bersebelahan dengan dewan serbaguna, Shah Alam 77 VISMA DRB-HICOM (MRC), Tempat letak kereta, Shah Alam 78 Reserver 16 (FRC) 79 Pasar Awam Presint 16 (FRC) 70 PASA Awam Presint 16 (FRC) 71 Pasar Awam Presint 16 (FRC) 72 PASA Awam Presint 16 (FRC) 73 Pasar Awam Presint 16 (FRC) 74 Pasar Besar Maran, 26500 Maran (FRC), Temerloh 75 PAHANG Taman Sin Mautana (FRC), Pekan 76 Di depan Bank Islam, Jalan Dato Bahaman, Temerloh (FRC), Temerloh 76 Pasar Be	68			
71 ALAM FLORA SDN DAMANSARA JAYA (FRC), JIn SS22/47, Damansara Jaya, Petaling Jaya 72 DAMANSARA JAYA (FRC), JIn SS22/47, Damansara Jaya, Petaling Jaya 73 SS3 RESIDENT ASSOCIATION (FRC), Resident Association Center, Jalan SS3/14, Petaling Jaya 74 ASRAMA PUSAT SRI TANUUNG CAR PARK (MRC), Shah Alam 75 PEKAN SUNGAI BESAR (MRC), Lot PT 6216, Jalan Bunga Raya Besar, Shah Alam 76 SEKSYEN 11 (FRC), Bersebelahan dengan dewan serbaguna, Shah Alam 77 VISMA DRB-HICOM (MRC), Tempat letak kereta, Shah Alam 78 Reskyen 31/69, Shah Alam 79 Pasar Awam Presint 16 (FRC) 79 PARA MAGN PRESIDENT ASSOC. (MRC), MBSA dewan serbaguna, Shah Alam 78 PASA Awam Presint 16 (FRC) 79 Pasar Awam Presint 16 (FRC) 80 PUTRAJAYA 81 PUTRAJAYA 84 ALAM FLORA SDN BHD 84 Si Malana 85 Taman Sepkan Jaya (<i>Ru By Private</i>) - FRC, Pekan 84 Taman Si Maulana (FRC), Temerloh 85 Jalan Haji Kassim, 26400 Mentakab (FRC), Temerloh 86 Jalan Haji Kassim, 26400 Mentakab (FRC), Temerloh 87 Pasar Besar Jaranut, 27000 Jerantut (FRC), Temerloh	69			MENARA SUNWAY (MRC)
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74 74 74 PEKAN SUNGAI BESAR (MRC), Lot PT 6216, Jalan Bunga Raya Besar, Shah Alam 75 SEKSYEN 11 (FRC), Bersebelahan dengan dewan serbaguna, Shah Alam 76 WISMA DRB-HICOM (MRC), Tempat letak kereta, Shah Alam 77 KOTA KEMUNING RESIDENT ASSOC. (MRC), MBSA dewan serbaguna, Seksyen 31/69, Shah Alam 78 PUTRAJAYA 80 PUTRAJAYA 81 PABara Awam Presint 16 (FRC) 82 PRESINT 8 Dewan Serbaguna (FRC) 84 PASAR Awam Presint 16 (FRC) 85 P11A1/1, Presint 11, Putrajaya (bertentangan Medan Selera Seri Teja) (MRC) 84 P11A1/1, Presint 11, Putrajaya (MRC) 85 P11A1/1, Presint 11, Putrajaya (MRC) 86 Taman Sepekan Jaya (<i>Run By Private</i>) – FRC, Pekan 87 Di depan Bank Islam, Jalan Dato Bahaman, Temerloh (FRC), Temerloh 88 PAHANG 89 PAHANG 90 Pasar Besar Maran, 26500 Maran (FRC), Temerloh 91 Pasar Besar Jerantut, 27000 Jerantut (FRC), Temerloh 92 Perkarangan Masjid Bentong, Bentong 92 Depo Chamang, Bentong 93 Depo Chamang, Bentong 94 Petrk	72	SELANGOR		
74 Shah Alam 75 SetSYEN 11 (FRC), Bersebelahan dengan dewan serbaguna, Shah Alam 76 WISMA DRB-HICOM (MRC), Tempat letak kereta, Shah Alam 77 KOTA KEMUNING RESIDENT ASSOC. (MRC), MBSA dewan serbaguna, Seksyen 31/69, Shah Alam 78 Pasar Awam Presint 16 (FRC) 79 Pasar Awam Presint 16 (FRC) 80 PUTRAJAYA 81 Pasar Awam Presint 16 (FRC) 81 Pasar Awam Presint 16 (FRC) 82 PUTRAJAYA 84 FLORA SDN BHD 85 FAHANG 84 Taman Sepekan Jaya (<i>Run By Private</i>) – FRC, Pekan 85 Taman Sim Maulana (FRC), Pekan 86 Di depan Bank Islam, Jalan Dato Bahaman, Temerloh (FRC), Temerloh 86 Pasar Besar Maran, 26500 Maran (FRC), Temerloh 87 Pasar Besar Jerantut, 27000 Jerantut (FRC), Temerloh 89 Pasar Besar Jerantut, 27000 Jerantut (FRC), Temerloh 90 Pasar Besar Jerantut, 27000 Jerantut (FRC), Temerloh 91 Pejabat AFSB KERAYONG, BERA (FRC), Temerloh 92 Dataran Karak Carpark Area (MRC), Bentong 93 Dataran Karak Carpark Area (MRC), Bentong	73			ASRAMA PUSAT SRI TANJUNG CAR PARK (MRC), Shah Alam
76 WISMA DRB-HICOM (MRC), Tempat letak kereta, Shah Alam 77 WISMA DRB-HICOM (MRC), Tempat letak kereta, Shah Alam 77 KOTA KEMUNING RESIDENT ASSOC. (MRC), MBSA dewan serbaguna, Seksyen 31/69, Shah Alam 78 Pasar Awam Presint 16 (FRC) 79 PABARA Wam Presint 16 (FRC) 80 PUTRAJAYA 81 PUTRAJAYA 81 PUTRAJAYA 83 PUTRAJAYA 84 Filter (FRC) 85 P11A1/1, Presint 11, Putrajaya (MRC) 86 Taman Sepekan Jaya (<i>Run By Private</i>) – FRC, Pekan 86 Di depan Bank Islam, Jalan Dato Bahaman, Temerloh (FRC), Temerloh 86 Jalan Haji Kassim, 28400 Mentakab (FRC), Temerloh 87 Pasar Besar Maran, 26500 Maran (FRC), Temerloh 88 PAHANG Terminal Bas, Nadi Kota, 26400 Jengka (FRC), Temerloh 89 Pasar Besar Jerantut, 27000 Jerantut (FRC), Temerloh 90 Pasar Besar Jerantut, 27000 Jenatut (FRC), Temerloh 91 Perkarangan Masjid Bentong, Bentong 92 Depo Chamang, Bentong Depo Chamang, Bentong 93 Depo Chamang, Bentong Depo Chamang, Bentong	74			
77 KOTA KEMUNING RESIDENT ASSOC. (MRC), MBSA dewan serbaguna, Seksyen 31/69, Shah Alam 78 Pasar Awam Presint 16 (FRC) 79 PRESINT A Dewan Serbaguna (FRC) 80 PRESINT A Dewan Serbaguna (FRC) 81 ALAM FLORA SDN BHD 81 Pasar Awam Presint 16 (FRC) 82 PABESINT 8 Dewan Serbaguna (FRC) 83 Kompleks Kejiranan Presint 9, Putrajaya (bertentangan Medan Selera Seri Teja) (MRC) 83 P11A1/1, Presint 11, Putrajaya (MRC) 84 Taman Sepekan Jaya (<i>Run By Private</i>) – FRC, Pekan 85 Di depan Bank Islam, Jalan Dato Bahaman, Temerloh (FRC), Temerloh 86 Jalan Haji Kassim, 28400 Mentakab (FRC), Temerloh 87 Pasar Besar Maran, 26500 Maran (FRC), Temerloh 88 PAHANG Terminal Bas, Nadi Kota, 26400 Jengka (FRC), Temerloh 89 Pasar Besar Jerantut, 27000 Jerantut (FRC), Temerloh 90 Perkarangan Masjid Bentong, Bentong 91 Depo Chamang, Bentong 92 Dataran Karak Carpark Area (MRC), Bentong	75			SEKSYEN 11 (FRC), Bersebelahan dengan dewan serbaguna, Shah Alam
77 Seksyen 31/69, Shah Alam 78 Pasar Awam Presint 16 (FRC) 79 PRESINT 8 Dewan Serbaguna (FRC) 80 PRESINT 8 Dewan Serbaguna (FRC) 81 ALAM FLORA SDN BHD 82 ALAM FLORA SDN BHD 83 P11A1/1, Presint 10, Putrajaya (bertentangan Medan Selera Seri Teja) (MRC) 84 Taman Sepekan Jaya (<i>Run By Private</i>) – FRC, Pekan 85 Taman Sepekan Jaya (<i>Run By Private</i>) – FRC, Pekan 86 Di depan Bank Islam, Jalan Dato Bahaman, Temerloh (FRC), Temerloh 87 Pasar Besar Maran, 26500 Maran (FRC), Temerloh 88 PAHANG Terminal Bas, Nadi Kota, 26400 Jengka (FRC), Temerloh 89 Pasar Besar Jerantut, 27000 Jerantut (FRC), Temerloh 90 Sebelah Pejabat AFSB KERAYONG, BERA (FRC), Temerloh 91 Depo Chamang, Bentong 92 Dataran Karak Carpark Area (MRC), Bentong	76			WISMA DRB-HICOM (MRC), Tempat letak kereta, Shah Alam
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87 Pasar Besar Maran, 26500 Maran (FRC), Temerloh 88 Pasar Besar Maran, 26500 Maran (FRC), Temerloh 89 Terminal Bas, Nadi Kota, 26400 Jengka (FRC), Temerloh 90 Pasar Besar Jerantut, 27000 Jerantut (FRC), Temerloh 91 Sebelah Pejabat AFSB KERAYONG, BERA (FRC), Temerloh 92 Depo Chamang, Bentong 93 Dataran Karak Carpark Area (MRC), Bentong	85			Di depan Bank Islam, Jalan Dato Bahaman, Temerloh (FRC), Temerloh
B8 PAHANG ALAM FLORA SDN BHD Terminal Bas, Nadi Kota, 26400 Jengka (FRC), Temerloh 90 Pasar Besar Jerantut, 27000 Jerantut (FRC), Temerloh 91 Sebelah Pejabat AFSB KERAYONG, BERA (FRC), Temerloh 92 Depo Chamang, Bentong 93 Dataran Karak Carpark Area (MRC), Bentong	86	PAHANG		Jalan Haji Kassim, 28400 Mentakab (FRC), Temerloh
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89 Pasar Besar Jerantut, 27000 Jerantut (FRC), Temerloh 90 Sebelah Pejabat AFSB KERAYONG, BERA (FRC), Temerloh 91 Perkarangan Masjid Bentong, Bentong 92 Depo Chamang, Bentong 93 Dataran Karak Carpark Area (MRC), Bentong	88			Terminal Bas, Nadi Kota, 26400 Jengka (FRC), Temerloh
Perkarangan Masjid Bentong, Bentong 91 Perkarangan Masjid Bentong, Bentong 92 Depo Chamang, Bentong 93 Dataran Karak Carpark Area (MRC), Bentong	89			Pasar Besar Jerantut, 27000 Jerantut (FRC), Temerloh
92 Depo Chamang, Bentong 93 Dataran Karak Carpark Area (MRC), Bentong	90			Sebelah Pejabat AFSB KERAYONG, BERA (FRC), Temerloh
93 Dataran Karak Carpark Area (MRC), Bentong	91			Perkarangan Masjid Bentong, Bentong
94 Kawasan Tanah Rata (Pasar Tanah Rata) (FRC), Cameron Highlands	93			Dataran Karak Carpark Area (MRC), Bentong
	94			Kawasan Tanah Rata (Pasar Tanah Rata) (FRC), Cameron Highlands

For a complete list of e-waste collection centres, please refer to Department of Environment's website at www.doe.gov.my.

RELATED AGENCIES

- National Solid Waste Management Department (NSWMD)
- Local States
- Local Authorities
- Municipal Council
- NGO

TRANSFORMATIVE OF E-WASTE MANAGEMENT



HOUSEHOLD E-WASTE WAY FORWARD

E-WASTE ALAM ALLIANCE PROGRAMME

- Establishment of E-waste Alam Alliance is a followup of a pilot project 'The Development Model For E-Waste Collection, Segregation & Transportation from Household For Recycling' which was carried out in Penang under the sponsorship of the Japan International Cooperation Agency (JICA) with the cooperation between DOE Penang and Penang Municipal Council.
- E-waste Alam Alliance Program was officially launched on December 11, 2013 by the Deputy Minister of Natural Resources and Environment Dato 'Sri Dr. James Dawos Mamit.

NEMBER E-waste -waste MEMBER NEMBER E-waste -waste MEMBER AEMBER E-waste -waste MEMBER NEMBER E-waste -waste MEMBER NEMBER E-waste -waste MEMBER -waste MEMBER -waste -waste MEMBER -waste -waste -waste MEMBER E-waste -waste MEMBER E-waste

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E-WASTE ALAM ALLIANCE PROGRAMME

The quantity of household e-waste collected by Shanpoornam Metal Sdn Bhd through the take back program and corporations by Senheng and Toshiba under the e-waste Alam Alliance Program. This information is submitted to DOE HQ for record purposes and to ensure the sustainability of E-waste Alam Alliance program.

Toshiba (Malaysia)				
Year Month	2013 Quantity(Kg)	2014 Quantity (Kg)		
January	185	239		
February	109	400		
March	174.4	71		
April	46			
Мау	0			
Jun	0			
July	62			
August	0			
September	0			
October	0			
November	1700			
December	3254.4			
Total	5530.8	710		
Overall Total	6,2	40.8		

Senheng Electric Sdn. Bhd.					
Year2014 Quantitu(K		Quantity/Ka)			
(Month)		Quantity(Kg)			
January		2,599			
February		1,318			
March		3,140			
Total		7,057			



THANK YOU

