

**WEEE-PRO's OVERALL OBJECTIVES w.r.t EXTENDED PRODUCER RESPONSIBILITY**



Conduct environmentally safe collection/dismantling/recycling of e-waste



Manage financing of the EPR system



Conduct e-waste awareness and training programs



Maintain standards through audits and inspections

## **PLAN FOR COLLECTION AND CHANNELIZATION OF E-WASTE**

WEEE-PRO Resource Recovery Pvt Limited has established a help line with a toll free number (18002700038) to assist and direct individual customers in WEEE disposal.

### **General Scheme of Collection**

WEEE-PRO RESOURCE RECOVERY SOLUTIONS PRIVATE LIMITED will collect WEEE generated from consumers pan-India through the following means.

- **Collection from Retail / Bulk Consumers**

Collection of WEEE from individual households is the key to collection mechanism. WEEE-PRO has established understanding with waste pickers in NCR region to carry out last mile pick up from individual households. The waste picked up by waste pickers is channelized to Collection Points /Centres on behalf of Producers. Other retail and bulk consumers too are facilitated to drop their EOL products at the nearest collection point / Center. In case of areas away from the Collection Points / Centres, a roving mechanism will be established, where in a mobile van shall be sent periodically to such areas so that customers can drop their EOL products.

- The retail outlets established by the Producers shall also form the forward line of collection of WEEE-PRO. They shall be useful for collection of products sold under exchange scheme. WEEE-PRO shall collect the WEEE directly from the Retailers.
- In very special cases, customer shall also be provided the facility of courier services, wherein he will be directed to deposit his product directly with a registered transporter for onward delivery to the PROs collection point / Recycling facility.

### **Details of Collection Centres / Points established by the PRO**

WEEE –PRO under an agreement signed with BRP Infotech Pvt Limited, shall use their Collection Centres (copy of agreement attached). There are 22 collection points / Centres as per the Transportation and Collection Agreement.

In addition, WEEE PRO has a Collection point with its Aggregator “Mount Green Enterprise” Shop No 174, Gali No 2, Old Mustafabad, Delhi -94

### **Toll Free Number**

WEEE-PRO has established a help line with toll free number (18002700038) to assist and direct

individual customers in WEEE disposal.

### **Methods likely to be employed to meet the EPR targets**

#### **a. Imposing ARF / DRS on customers**

Some effective tools suggested by MOEF (CC) are Advance Recycling Fee (ARF) / Deposit refund scheme (DRS) vide E Waste (Management) Regulations -2016. Most producers find this system difficult to implement ab initio. Though imposition of such a fee will be considered subsequently when the awareness levels rise.

b. **Exchange scheme** To enhance collection of WEEE-PRO will try to implement exchange schemes, these schemes are aimed at incentivizing the customer to bring his EOL products for recycling but will be executed essentially through the dealers / distributors. Our company will liaise with the Retailers / Distributors to collect the EOL products.

#### **c. Methods to Overcome the shortfall in E Waste in collection Target**

The prevailing E Waste Regulations permit purchase of E Waste by producers through their PROs , E-Waste exchanges or directly from the market or informal sector to overcome the shortfall.

(i). **Purchase of E waste from open market** : WEEE-PRO is aware of the informal recycling market to meet shortfalls in target. It will carry out purchase of E waste from informal sector to fulfil EPR requirements for Producers.

(ii). WEEE-PRO also plans to carry out door to door collection of appliances in residential areas under its own stewardship. Such a collection can be transferred to WEEE-PRO RESOURCE RECOVERY SOLUTIONS PRIVATE LIMITED at a differential fee.

(iii) WEEE PRO will participate in the tenders announced periodically by Producers / bulk consumers for collection of WEEE.

### **Take back system for collection of E waste - Methodology :-**

a. **Collection points** : These are the first line of collection, generally established by the service centres, dealer or distributor and PROs . The customer drops his WEEE at a respective Collection point and is paid a standard incentive for his goods based on pre-arranged rates. The dealer will ensure that the WEEE collected by him is channelized in the waste stream to WEEE PRO designated collection point, A record of products received will be maintained at the Collection Point.

WEEE-PRO will pick up WEEE from a number of collection points periodically through its affiliated Transporter. If the quantity of WEEE is sufficiently large the pickup can take place directly from bulk consumers store thus avoiding staging of WEEE. The WEEE will be delivered to the designated Recycler or Dismantler

### **CHANNELIZATION OF E WASTE TO RECYCLING / DISMANTLING FACILITY**

WEEE-PRO is responsible for collection of WEEE and channelizing it to the formal recycling chain. The following is ensured by WEEE-PRO.

BRP Infotech and Hind recycling are associated with WEEE PRO for providing Collection Points and Transportation of WEEE to their facility.

### **Logistic Agreement between PRO and Transporter**

BRP Infotech has backend Agreement with M/s Professional Logistics to utilise their collection Centres as well their Transport Service. While Hind Recycling has an Agreement with M/s Balaji Transport to meet its reverse logistics requirement. (copy attached)

In turn, WEEE-PRO has desired arrangement for collection of WEEE from various collection points established by its associated partners through a reverse logistics Agreement. It may also contract a consortium of local transporters for carrying goods in NCR region. It may also utilise services of different transporters in various cities for logistic support, in case contracted transporter is unable to provide the services.

### **Details of awareness Programmes**

#### **Target Audience**

The PRO shall target the following audience :-

#### **Schools**

The awareness on E waste should begin at the very base of our society. WEEE-PRO RESOURCE RECOVERY SOLUTIONS PRIVATE LIMITED will target maximum schools for this purpose as children become carriers of knowledge and cause a change in habits as they grow.

#### **Housing Societies**

Housing societies generate bulk of the E-waste pertaining to large home appliances. An endeavour is being made to meet various Housing societies committees and make them aware on



the problems of E-waste and its safe disposal at end of its life.

Awareness shall also be disseminated through:

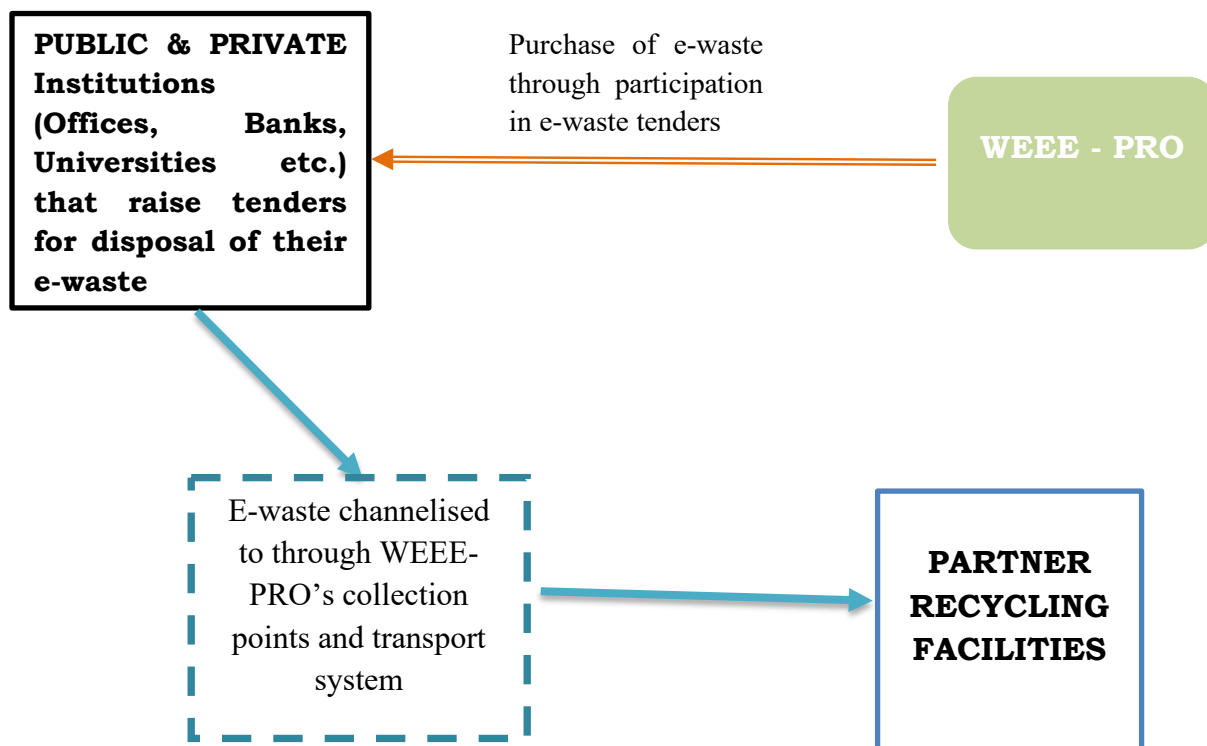
- i. E-waste awareness webinars for schools and colleges conducted by WEEE-PRO
- ii. Website giving details of collection chain and importance of e-waste recycling

The collection mechanisms to be employed by WEEE-PRO:

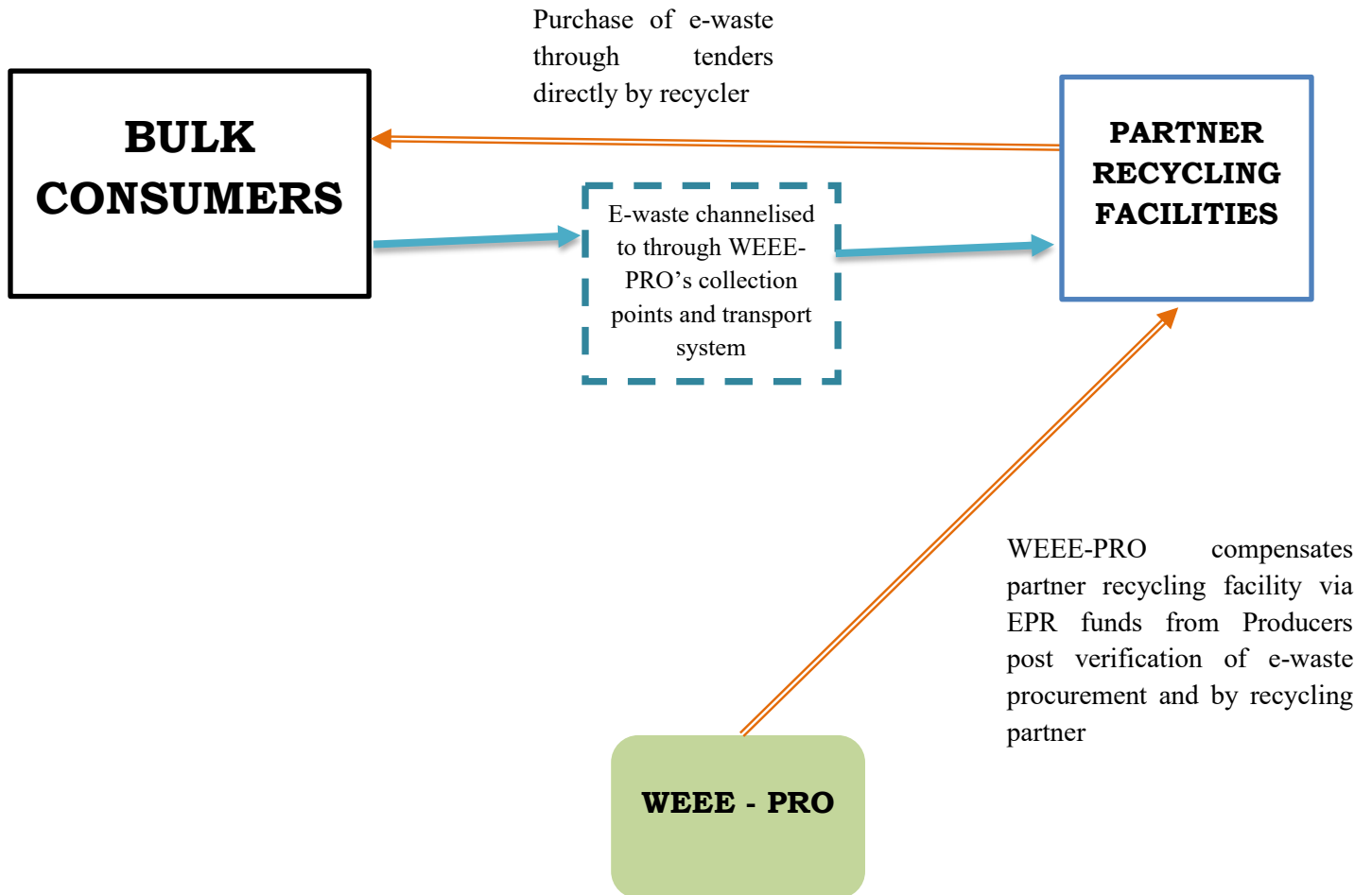
1. WEEE-PRO will collect e-waste generated by Bulk Consumers such as call-centers, office spaces, facility management companies, public institutions etc. by participating in e-waste tenders and purchases. This can take place in various ways.

	<b>Flow of finances</b>
	<b>Flow of e-waste</b>

**CASE 1 (Direct participation)**



## CASE 2 (Indirect Participation)



## 2. Partnering with informal sector to procure e-waste

The informal sector in India is able to collect large quantities of e-waste by leveraging its deeply entrenched collection network of *kabadiwalas*.

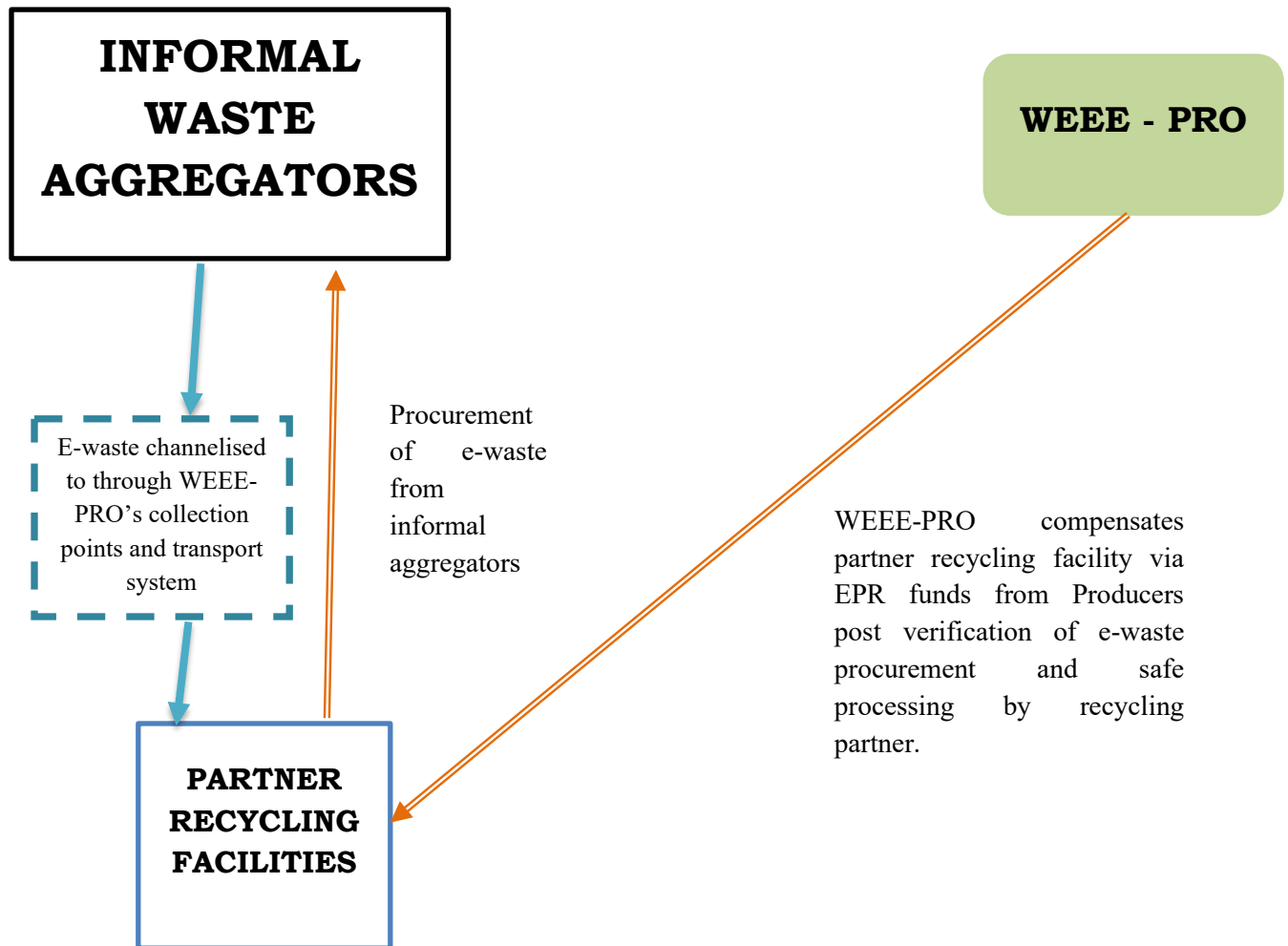
WEEE-PRO plans to integrate the informal e-waste sector into the EPR mechanisms.

This will involve:

- Training w.r.t proper and safe storage, and transport of e-waste
- Assisting informal aggregators w.r.t GST, Income-tax compliance, billing software etc.

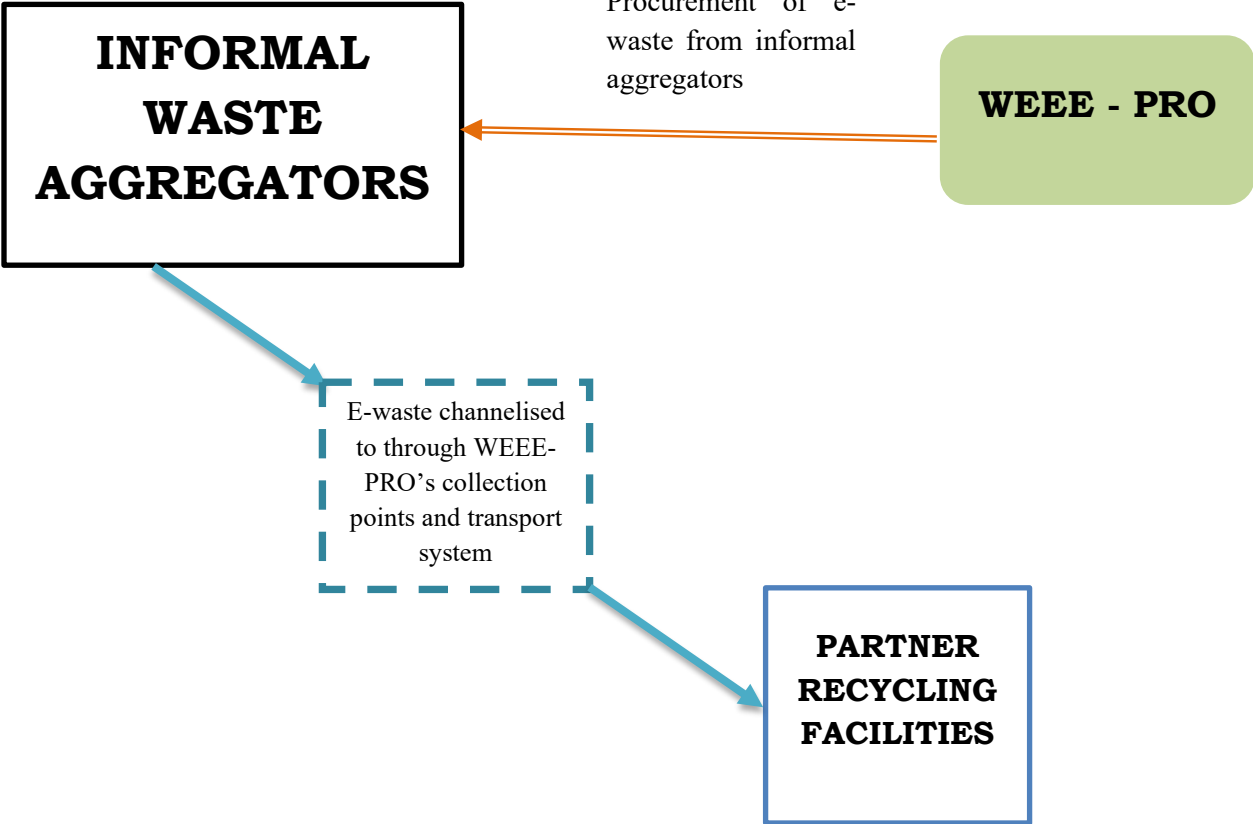
- Raising awareness of E-Waste Management Rules and its implications among informal waste aggregators



**CASE 1 (Indirect Procurement)**



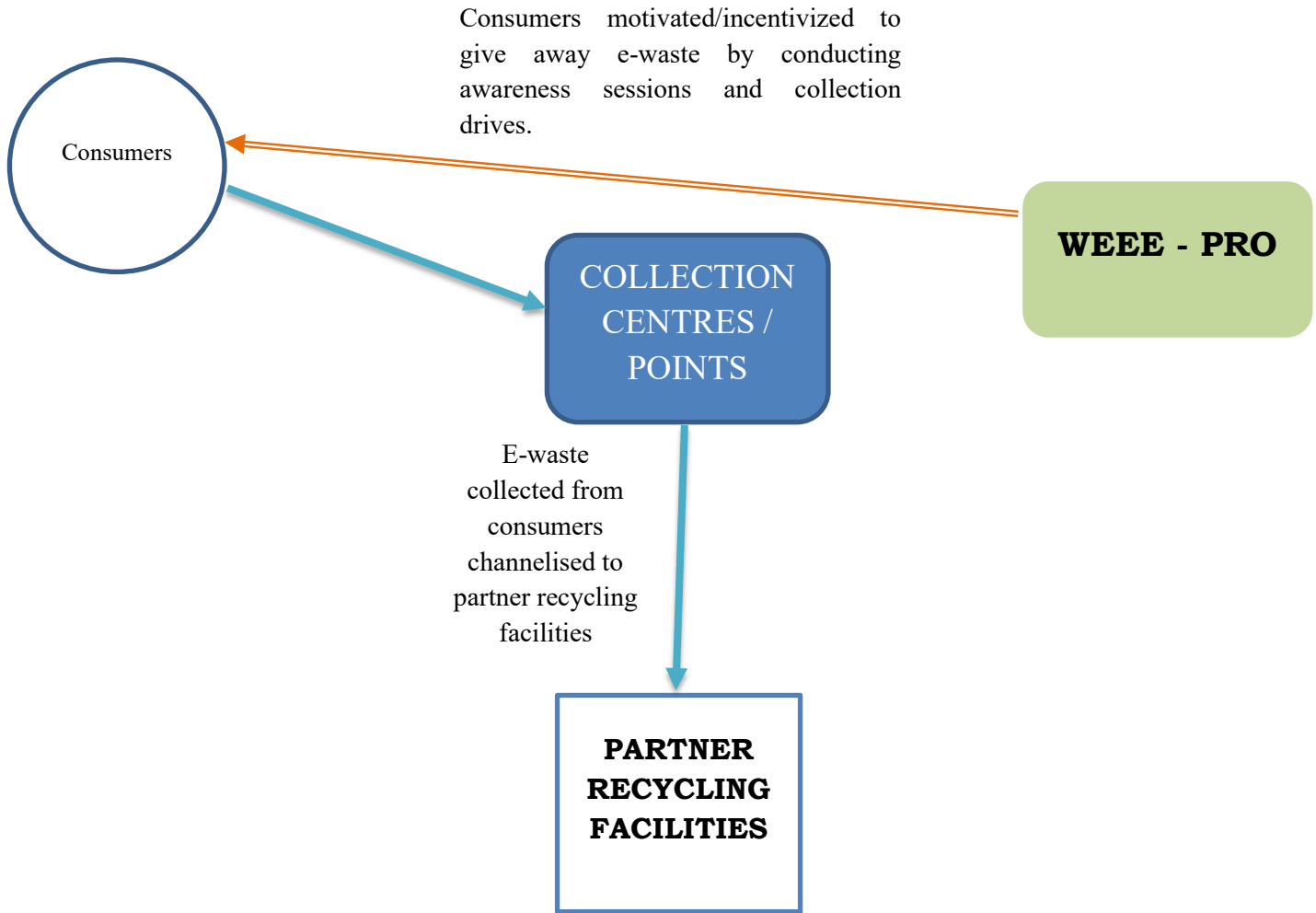


**CASE 2 (Direct Procurement)**



	<b>Flow of finances</b>
	<b>Flow of e-waste</b>

**3. Collection from individual consumers (E-waste collection drives, collection points/centers etc.)**



	<b>Flow of finances</b>
	<b>Flow of e-waste</b>

**LIST OF COLLECTION POINTS ACROSS THE COUNTRY**

S. No.	City	State	Complete	Contact Person	Contact Detail
1	Ahmedabad	Gujarat	Shop No D-9, Pushp Tenament, Behind Mony Hotel, Isanpur Gujarat – 382443	Mr.Sandeep	9375688099
2	Bangalore	Karnataka	No.43 1st floor 2nd Main D.D.U.T.T.L. Yeshwantpur Karnataka -560022	Mr.Ratan Lal	9886250346
3	Bhubaneshwar	Orissa	1st Floor Delta house Rajendra NagarMadhupatna Cuttack,Orissa	Mr.Nihar Mahapatra	9337902236
4	Chandigarh	Punjab	Shop No: -15 & 16, Pabhat Road,Opp – Tennis Academy, Zirakpur,Punjab-140603	Mr Sanjeev	9316166155
5	Chennai	Tamil Nadu	3/27 Sakthi Garden Phase II, Senneerkuppam, Poonamallee, Near Bisleri Water Plant Tamil Nadu-600056	Mr.Firoj Khan	9363166155/9362005006
6	Cochin	Kerla	Door No-84D SPW Road ,Vrindavan Ln, Choorikkara, Kochi, Kerala - 683106CochinKochi, Kerala - 683106	Mr.Manish	9037991199
7	Gurugram	Haryana	J-171, New Palam Vihar Phase-1, Gurugram, Haryana 122017	Mr.Rajesh	9711563229
8	Guwahati	Assam	HN-34, Kundil Nagar Basistha Chariali, Near Parbhat ApartmentGuwahati-781029	Mr.Sishram	9864048000

9	Hyderabad	Telangana	Shop No.-4, Block-3,4th Shatter at 179, MPR Estates Near Old Check Post, SecunderabadTelangana – 500011	Mr.Ajay	9395166155/9396166155
10	Indore	Madhya Pradesh	284 AS-3 Scheme No.-78, Vijay Nagar MP	Mr.Yogesh	9302734152
11	Jaipur	Rajasthan	Plot No.81, 200 ft. By Pass,Near Ajmer, Road, Heerapura,Rajasthan – 302021	Mr.Yogesh Saharan	9309413301
12	JAMMU	J&K	1.Sidco Chouk Bari Brahmana Jammu -181133 Jammu& Kashmir jammu-181133	Mr.Dharampal	9622565431
13	Jamshedpur	Jharkhand	A-36 Guru Nanak Nagar Near Hotel Amber Sakchi Jamshedpur Jharkhand – 831001	Mr.Niraj	9304002777
14	Kolkata	West Bengal	156A/73, Northern Park, B.T. Road DUNLOPWB – 700108	Mr.Vinod Kumar	9331522536
15	Lucknow	Uttar Pradesh	S 317, Transport Nagar, Near RTO Office Lucknow UP- 226012	Anuj Poonia	9335166155/9305166155
16	Mumbai	Maharashtra	Plot No. 92, Gali No. – 01, Sector 19CVashiNavi Mumbai – 400705	Balwan Singh	9372166155/9371644600
17	Nagpur	Maharashtra	Shop 3 Kachore Complex Amravati Road, Waddhamna Maharashtra – 440023	Balwan Singh	9860814787
18	New Delhi	New Delhi	Plot No. 619, Block A, Near Tata Telco Service Station, Rangpuri, Mahipalpur Delhi - 110037	Rajkumar Poonia	9810053907
19	Noida	Uttar Pradesh	Bh – 122, Sector 70 Noida UP- 201301	Anuj Poonia	9999166155

20	Pune	Maharashtra	Plot No 24, Sector 4, Shikshak Colony Near Spine City, Moshi Pradhikaran Maharashtra-412105	Balwan Singh	9370939911
21	Raipur	Chhattisgarh	Mig No. 7, Ring Road No-2 Kabir Nagar Raipur Chhattisgarh	Mr.Bijender Singh	9303906097
22	Vishakhapatnam	Andhra Pradesh	Shop No.5, New Gajuwaka, Opp. High School Road Andhra Pradesh-530026,	Mr.Jugti	9553088577