

e-Waste Management Policy & Practices in Bangladesh

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Country Profile

- Capital : Dhaka
- Area : 1,47,570 sqr km
- Population : 18 Crore (Appr.)
- Tele density : 92.67%
- Internet Density : 53.65 %
- Cellular Subscribers : 164.170 Millions
- Internet Subscribers : 99.569 Millions
- BTS/NodeB/e-NodeB : 84,527

Digital Bangladesh

- Digital Bangladesh is one of the nation's dreams, and so special emphasis is given on the application of digital technologies to realise Vision 2021, which we commonly call Digital Bangladesh.
- The government of Bangladesh implemented a large number of projects relating to digital technologies and a number of these are already underway. National ILDTS Policy-2010 was developed with a view to achieve the goal.



Telecom Regime

- Bangladesh Telecom Act 2001 (Amended in 2010).
- ILDTS Policy-2007 (Amended in 2010).
- Regulations
- Guidelines
- Directives
- Approvals



Success of Telecom History

- Lunched Bangabandhu Satellite-I
- 2 Submarine Cables
- 7 Intl. Terrestrial Cables
- EMF Radiation Measurement
- QoS
- TMS
- Biometric Verification
- IMEI Database
- BD CSERT



e-Waste Legislation

- National Environment Policy-1992.
- Bangladesh Environment Conservation Act, 1995.
- The Environmental Court Act, 2000.
- The Environmental Conservation Rules, 1997.
- Medical Waste Management Rules, 2008.
- e-Waste Policy 2017 (Draft).

Approval Conditions

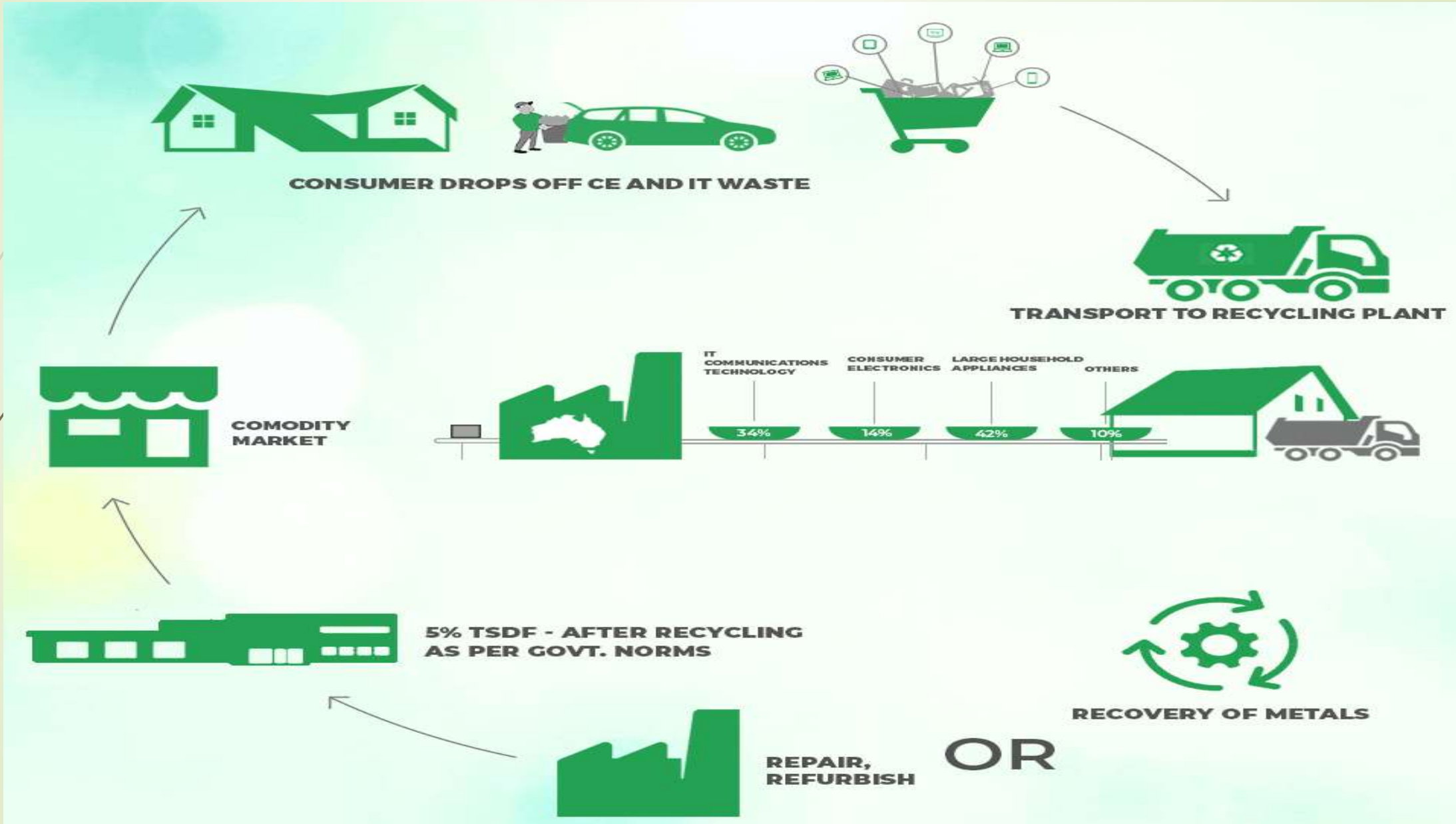
- Must have environmentally sound technologies to manage electrical and electronic waste.
- To ensure the dismantling process, to be followed an environmentally safe manner.
- License Approval from DoE.
- BTRC approval/permission requires for e-Waste Equipment.
- Recycling to be done in presence of representatives of all concerned authorities and stakeholders.



E-Waste Collection



Flowchart



Separating Materials



Enlisted e-Waste Recyclers

No.	Name
1	M/s. Yousuf Enterprise
2	Azizu Trading Co.
3	Green Bangla Corporation
4	JR Enterprise
5	M/s. Zaman Enterprise
6	Techno Fair
7	NH Enterprise

Growth of e-Waste



Challenges

- Awareness Build-up.
- Collection of e-Waste.
- Separation of different materials.
- Recycling.
- Management.
- Legal Enforcement.
- Health Hazards.
- Child Labour.
- Risk management/safetiness.
- Pollution.

Overcomes

- Proper Regulations.
- Protection of Environment.
- Human Resources Development.
- Effective Management.
- Enforcement.
- Health Safety.
- Govt. Incentives.
- Insurance.
- Tax Reduction.

Thank you.

