

separation is one of the most significant developments in the recycling industry, which contains three typical electric conductivity-based separation techniques: (1) Eddy current separation (ECS), (2) corona electrostatic separation, and (3) triboelectric separation. Besides, non-metal recovery from WEEE is also introduced. This technology for disposing non-metal usually involves landfill treatment, incineration, pyrolysis gasification and chemical recycling treatment.

China cannot fully duplicate the EU or USA models for WEEE management. However, the recycling technology and experiences of advanced countries can be used in

China. It is strongly suggested that policies and regulations associated with WEEE management should be drafted and issued urgently. The extended producer responsibility mechanism should be clearly defined. Advanced recycling technology should be adapted to the Chinese local situation and management. Much attention should also be paid to pollution prevention and recycling control of WEEE.

In general, innovation of recovery technology, establishment of formal recycling facilities, introduction of legislation dealing specifically with WEEE and the control of secondhand electrical and electronic equipments importation would promote the WEEE management.

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