



Research article

Transforming and integrating informal sectors into formal e-waste management system: A case study in Guiyu, China

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Supplementary

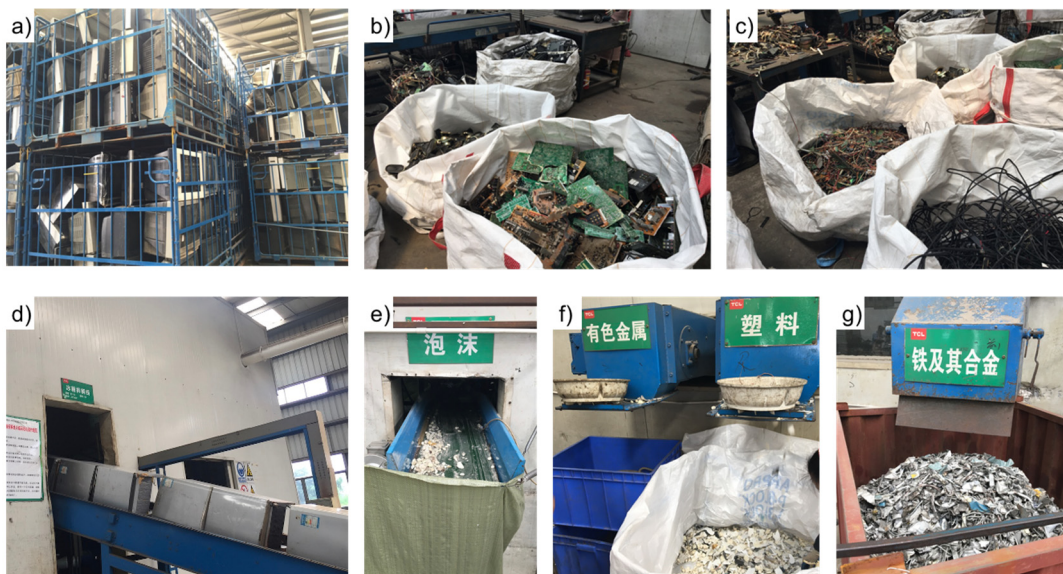


Figure S1. Exemplar recycling lines for televisions and refrigerators operated in TCL Deqing Environmental Protection and Development Co., Ltd. (a–c) Waste televisions

and dismantled products such as PCBs, cables, and wires. (d) Waste refrigerators at the entry of the separation facility to be shredded. Different materials were sorted by weight, such as (e) foam, (f) nonferrous metals and plastics, and (g) Iron and Iron alloys. Photo credits: Congying Wang.

Table S1. Timeline of the development of GCEIP regarding policies, major projects, and investment prior to the construction of GCEIP (Compiled from local newspaper, websites, and interviews).

Year	Milestones
2004	Domestic WEEE Dismantling Center was approved by Guangdong Provincial Environmental Protection Bureau
2004	Guiyu demonstration project for dismantling WEEE was approved by the State Ministry of the Information Industry
2005	Guiyu was nominated as a national pilot circular economy zone by the National Development and Reform Commission
2009	The construction of the Domestic Waste Hardware Dismantling Center was completed
2010	Chaoyang District Government approved Guiyu Electronic Marketplace
2010	GCEIP development plan initiated with the provincial and municipal efforts
2012	China State Council approved GCEIP
2012	Guiyu government issued a standard based on environmental impact assessment to certify existing family workshops in informal recycling
2012	The contract signing ceremony between GCEIP and TCL Deqing Environmental Protection and Development Ltd on the collaboration of dismantling factory for electric appliances
2013	The Guangdong Provincial Environmental Protection Bureau approved the comprehensive Regulation of Guiyu WEEE Pollution Scheme
2013	GCEIP construction initiated



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