



# Academic

INTERNATIONAL WORKSHOP  
ADVANCES IN CLEANER PRODUCTION

“TEN YEARS WORKING TOGETHER FOR A SUSTAINABLE FUTURE”

---

## The State of the Art of Recycling of Electrical and Electronic Waste in Brazil

SANTANA, E. V. B<sup>a(\*)</sup>, ELABRAS-VEIGA, L. B<sup>b</sup>.

a. b. Instituto Federal de Educação, Ciência e Tecnologia do Rio de Janeiro, Rio de Janeiro, Brasil.

\*Corresponding author, [eduardovictor.bs@hotmail.com](mailto:eduardovictor.bs@hotmail.com)

---

### Abstract

The recycling of Electrical and Electronic Waste (WEEE) in Brazil is an industry sector that still requires much development, particularly the phase that comes before materials transformation into new products, which is the waste management phase. The National Policy on Solid Waste (NPSW), established in 2010, through Law 12,305, provides a legal framework in order to structure WEEE management in Brazil. From the policy objective perspective, the law established the solid waste management hierarchy. From the policy instrument perspective, the law defined the reverse logistics systems. In the light of the NPSW, this study conducted a state of the art analysis of WEEE generation and management in Brazil and the main legislation in the field. Based on the analysis conducted, this study identified as the major obstacle to WEEE management in Brazil the failure to ratify the WEEE sectoral agreement, as stated by the NPSW.

**Keywords:** *Electronic Waste, Recycling, National Policy on Solid Waste, Sector Agreement, Brazil*

---