

**OBJECTIVES:** To promote the separation of recyclable waste before selective collection, through the distribution of collection bins and colored bags, encouraging sustainable practices, significantly increasing the percentage of waste correctly disposed of, valuing the work of waste pickers and cooperatives, generating dignity, income and social inclusion, in addition to helping mitigate the effects of climate change.

**NILTEX KITS:** Collection bins made of recyclable and water-resistant cardboard, with ecological printing and colored bags (biocompostable or recyclable) in the universal colors of waste: Green (Glass), Blue (Paper), Red (Plastic), Yellow (Metal), Brown (Organic), Black (Reject).

**METHODOLOGY:** Distribution of kits at events, private entities, public offices, companies, schools, etc., carrying out guidance and environmental education work. Encouragement of home replication by all those involved. Return of waste to the production chain, through its destination to recycling cooperatives, already segregated, which optimizes sorting time, increasing their productivity and reducing the risk produced by human contact with waste, especially with sharps.

**PROBLEMS SOLVED:** Low adherence to waste separation and reuse (Brazil recycles only 4% of waste – ABREMA/SNIS 2023); Lack of environmental awareness in various public and private environments; Low productivity and insecurity of waste pickers and workers in recycling cooperatives; Irregular disposal, with significantly negative environmental impacts.

**BENEFITS:** Efficiency in the use of public resources - reduction of costs with inadequate waste disposal (transshipment, landfill, etc.); Promotion of participation and social control - community engagement and appreciation of waste pickers and cooperative members; Federal integration - partnerships between civil society, schools, companies, cooperatives, public bodies and other local entities; Digitization and monitoring - reports and indicators integrated into digital platforms.

**SOME BENEFICIARIES:** Community - environmental education and active citizenship; Cooperatives - increased safety and productivity; Public Authorities - savings on collection, transshipment and final disposal of solid waste, in addition to progress in sustainable goals; Companies - socio-environmental responsibility; Environment - reduction of improper waste disposal, decreased use of virgin raw materials, carbon credits and mitigation of the effects of climate change.

**AWARDS:** UN (Honorable Mention, 2018); ASSEMAE, ABRAPS, Climaton, Plástico Sul, Imensità Awards; Presentation of Good Practices and Environmental Results by AMCHAM, at COP28 (Dubai - 2023), COP29 (Baku - 2024) and COP 30 (Belém - 2025); Selection in an international call for proposals from The British Academy, University of Portsmouth(England) and FEA-USP.

