



**PREVENT**  
Waste Alliance

## E-innovating Quito: Sustainable e-waste management supported by collect-and-learn vehicles | Factsheet

<b>Period:</b>	01.2021 – 06.2022
<b>Country:</b>	Ecuador
<b>Project partners:</b>	<a href="#">Municipality of Quito</a> <a href="#">Vertmonde</a> <a href="#">Wuppertal Institute for Climate, Environment and Energy</a> <a href="#">Cyclos</a>
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<b>More details:</b>	<a href="https://prevent-waste.net/en/pilotprojects/ecuador/">https://prevent-waste.net/en/pilotprojects/ecuador/</a>

### Project target groups:

- Policy and decision makers
- Businesses and operators along the whole e-waste value chain
- Citizens of Quito

### Activities:

Aligned with the draft national EPR framework, an operable EPR scheme for the collection and financing of sustainable e-waste management in Quito will be developed and trialed. This will be supported by a voluntary alliance of e-waste stakeholders. The EPR trial will inform the further development of national legislation and be replicable in other cities.

As part of Quito's Circular Strategy, this project supports the design and trial of the first e-waste collection and Extended Producer Responsibility (EPR) scheme in Ecuador. It develops policy recommendations considering all product's life cycle stages and involving all key stakeholders from the electronics value chain. Through an awareness raising, citizen participation and collection initiative the project will also increase e-waste collection and recycling rates.

### Challenges in Ecuador:

- Uncontrolled and improper disposal of e-waste
- Little awareness among the population
- Absence of funding for e-waste management
- Legal framework on (e-)waste management unaligned and only partly enacted, so far.



The collection and awareness programme will be supported by a website that will inform about the collection routes and at the same time bringing comprehensive information about e-waste management.

The following impacts are expected:

1. Support for development and piloting localised solutions for improved e-waste management. This aims to significantly raise collection rates and reduce environmental degradation from improperly managed e-waste.
2. Stakeholder engagement: steering an alliance of concerned partners to operationalise a Producer Responsibility

Organisation (PRO) capable of improving e-waste management, contributing to the goals of the circular economy.

3. Call for civil action: increase citizens' awareness around the importance of e-waste management and how each individual can contribute to it through sustainable consumption and correct disposal practices.
4. Legal framework: recommendations to the adoption of a pioneer EPR system as municipal policy and contributions to address the waste targets of Ecuador's Nationally Determined Contributions (NDC).

### PREVENT Waste Alliance

The PREVENT Waste Alliance serves as a platform for exchange and international cooperation. Organisations from the private sector, academia, civil society and public institutions jointly engage for a circular economy. The PREVENT members contribute to minimising waste, eliminating pollutants and maximising the reutilisation of resources in the economy worldwide. They strive to reduce waste pollution in low- and middle-income countries and work together for the prevention, collection, and recycling of waste, as well as the increased uptake of secondary resources.

This project was selected in a call for innovative and scalable solutions to build a circular economy.

The PREVENT Waste Alliance was launched in 2019 by the German Federal Ministry for Economic Cooperation and Development.



### Imprint

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More information: [www.prevent-waste.net/en/](http://www.prevent-waste.net/en/)

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