

# RRC: Guangxi Zero-Waste City Development Program

The RBL program supports zero-waste city (ZWC) development to cut raw material use, energy consumption, and carbon emissions by (i) strengthening institutional capacity, knowledge management, and public awareness on ZWC; (ii) improving 3R practices in solid waste management (SWM); and (iii) developing low-carbon, circular economy industrial parks. It addresses municipal, industrial, agricultural, and construction waste through public and private investment.

## Issues and Problems:

Lack of institutional coordination, policy implementation, technical capacity, and public awareness for ZWC development. SWM is facing challenges in weak source reduction and sorting, poorly managed transferring process, and low recycling rates. Circular economy development requires better infrastructure and services, and management for industrial parks, while improving sustainability and efficiency.

## ADB's Value Addition:

(i) regional public goods: GHG emission reduction, business cooperation, knowledge sharing, and technology transfer with ASEAN; (ii) comprehensive institutional strengthening support to enable the cross-sectoral coordination; and (iii) synergized public and private investments, leveraging the private sector's proficiency and technological innovations.

Approval Date	:	November 2025
Modality	:	Result-Based Lending (RBL)
Total	:	\$1,094.33 million
ADB	:	\$150.00 million



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