

INDICATIVE DESIGN AND MONITORING FRAMEWORK FOR THE ENSUING PROJECT

Impact the Project is Aligned with

Livability of secondary cities improved (Rectangular Strategy for Growth, Employment, Equity and Efficiency: Building the Foundation Toward Realizing the Cambodia Vision 2050 Phase IV)^a

[illegible]

Results Chain	Performance Indicators	Data Sources and Reporting Mechanisms	Risks and Critical Assumptions
2. Urban infrastructure improved	developed and implemented for each participating city (2021 baseline: None) (OP 2.3.2)		
	1c. Provincial spatial plans and municipal land use plans developed ^c (2021 baseline: None) (OP 4.2)	1c. Provincial spatial plans and municipal land use plans for each participating city	
3. Institutional effectiveness and governance improved	2a. Two wastewater treatment facilities with combined capacity of 13,506 m ³ /day constructed and operational (2021 baseline: 0) (OP 4.1.2; OP 7.3)	2a.–b. Quarterly project performance monitoring reports of the PMU, contractor's project construction records	R: Lack of coordination during project implementation between the government and stakeholders, resulting in reduced project scope or conflicts in infrastructure design
	2b. Two landfills with combined capacity of 1,149,089 m ³ constructed and operational (2021 baseline: 0) (OP 4.1.2; OP 7.3)		
	3a. Institutional development plan on planning, service delivery, and financial sustainability (including tariff plan) developed and implemented for each participating city (2021 baseline: None) (OP 4.2.1; OP 6.2.1)	3a. Institutional development plan	R: Lack of government support to implement institutional plan, resulting in lack of resources (financial and technical) and unsustainable service delivery
	3b. A recruitment, continuous training, mobility, and promotion plan, that is gender responsive and inclusive, ^b is developed and implemented in each municipal administration (2021 baseline: None) (OP 2.3.2)	3b. Training and mobility program, training records, quarterly project performance monitoring reports of the PMU	
	3c. A memorandum of understanding agreed with accredited institutes or universities to promote women's careers in engineering, sciences, and technical studies (2021 baseline: None) (OP 2.2.1)	3c.–d. Quarterly project performance monitoring reports of the PMU, project completion report	

Results Chain	Performance Indicators	Data Sources and Reporting Mechanisms	Risks and Critical Assumptions
	3d. At least 20 scholarships (master's or graduate level) awarded to female employees of Ministry of Public Works and Transport, provincial departments of public works and transport, and/or municipal administrations to study engineering and/or other relevant sciences at an accredited institution to advance their careers in the water and sanitation sector (2021 baseline: 0) (OP 2.2.1)		

Key Activities with Milestones

1. Policy and regulatory environment improved

- 1.1 Conduct sector and regulatory review for wastewater, solid waste and stormwater management, Q4 2022.
- 1.2 Prepare planning and service delivery guidelines for wastewater, solid waste and stormwater management, Q4 2024.
- 1.3 Conduct consultation and situation analysis and develop provincial spatial plan and municipal land use plans, Q1 2022–Q2 2023 (under attached TA).

2. Urban infrastructure improved

- 2.1 Prepare detailed engineering design, bidding documents, and safeguard activities, Q2 2022–Q1 2024.
- 2.2 Construct civil infrastructure, Q1 2024–Q2 2027.
- 2.3 Develop and conduct behavior change and awareness campaigns, Q4 2023–Q2 2027.

3. Institutional effectiveness and governance improved

- 3.1 Conduct capacity-building needs assessment, Q4 2022 (under attached TA).
- 3.2 Prepare capacity-building program on urban planning, Q3 2023 (under attached TA).
- 3.3 Implement capacity-building and training workshops on urban planning, Q4 2023–Q4 2024 (under attached TA).
- 3.4 Prepare institutional development plan for each participating city, Q4 2025.
- 3.5 Implement capacity-building and training program, Q1 2025–Q3 2027.

Project Management Activities

Recruit design and construction supervision consultant, Q1 2022.
 Manage and supervise project, Q2 2022–Q3 2027.
 Implement gender equity and social inclusion action plan, Q2 2022–Q3 2027.
 Deliver project completion report, Q4 2027.

Inputs

Asian Development Bank: \$180.0 million (loan)
 Government of Cambodia: \$14.1 million
 Japan Fund for Poverty Reduction: \$2.0 million (TA grant)

m³ = cubic meter, OP = operational priority, PMU = project management unit, Q = quarter, R = risk, TA = technical assistance.

^a Government of Cambodia. 2018. *Rectangular Strategy for Growth, Employment, Equity and Efficiency: Building the Foundation Toward Realizing the Cambodia Vision 2050 Phase IV*. Phnom Penh.

^b Gender responsiveness and inclusiveness will consider the different needs of women, men, and vulnerable groups.

^c Delivered under the attached TA.

Contribution to Strategy 2030 Operational Priorities

In addition to the OP indicators tagged in the design and monitoring framework, this operation will contribute results for OP 2.1 Skilled jobs for women generated (number)

OP 2.3 Women represented in decision-making structures and processes (number)

Expected values and methodological details for all OP indicators to which this operation will contribute results are detailed in Contribution to Strategy 2030 Operational Priorities (accessible from the list of linked documents in Appendix 2).

Source: Asian Development Bank.