

Financing Integrated Sanitation

Villages: Contrin and ou russey 2

District: Sangkat Ou russey

City: Krong Kracheh

Province: Kratie Province

Applied financing model: Grant and private investment

Quick facts:

Total Population Kratie: 32.000

Total Population Intervention Area: 3500

Intervention area: no data available

City GDP: no data available

Country GDP: 1200\$/capita

Estimated total required monetary investment without compensation cost: 1.850.000 USD

Actual monetary investment for phase 1 (until Dec. 2019) without compensation cost: 30.000 USD

Development priority

1. Improvement of city wide solid waste management service
2. Improvement of waste water and fecal sludge management services as well as related treatment and collection infrastructure

Project outcomes (All Phases)

Phase 1 (2017-2019)

1. Demonstration of a sustainably operating district-level Solid waste management system: (1) Establishment of a professional solid waste collection service and (2) implementation of a "Material Recovery Facility – MRF (separation, composting, recycling)
2. Development of a standardized implementation plan for integrated sanitation projects for secondary cities of Cambodia

Phase 2-3 (2020-2022)

3. Demonstration of a sustainably operating decentralized waste water treatment system, including infrastructure development and establishment of operation and management procedures.
4. Demonstration of a city-wide fecal sludge management system including establishment of a professional collection service and implementation of a sludge treatment plant.

Project Interventions (Phase 1 only)

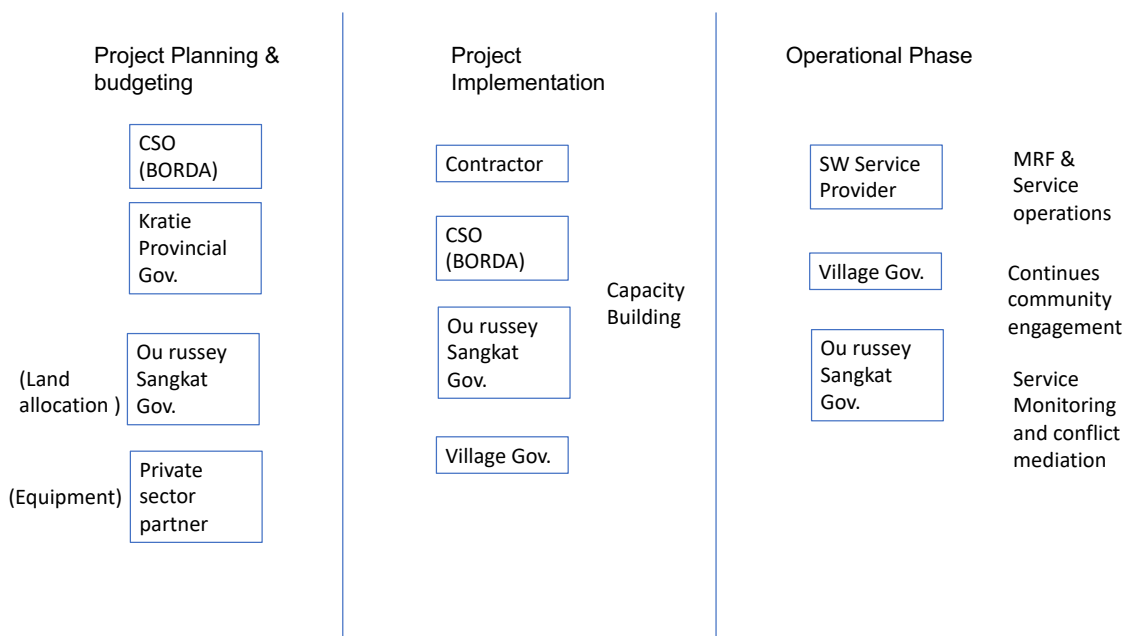
1. Conduction of a participatory project planning process through comprehensive stakeholder workshops to:
 - a. identify municipal development priorities related to urban sanitation,
 - b. develop an implementation plan for the ISA system solution,
 - c. define key project stakeholders and allocate roles and responsibilities for the project implementation and operational phase.
2. Conduct community engagement and awareness raising program to:
 - a. Sensitize the project target group on environmental and health related impacts of inadequate waste management,
 - b. Acknowledge their responsibility towards waste management and to recognize the importance of fee payments for safe waste collection and treatment services
 - c. Inform and train about safe HH-level waste handling practices to avoid negative health impacts.

3. Establishment of a professional and financially sustainable operating waste collection service, including separation, composting and recycling of collected solid waste by:
 - a. Training the private sector service provider on HH-level waste and fee collection
 - b. Constructing a Material Recovery Facility (MRF) to separate collected solid waste, produce compost and prepare recyclables
 - c. Training the service provider on operating and managing the MRF
4. Provide assistance to municipal and provincial authorities to adapt or develop relevant policies and guidelines and to monitor the quality of the service provider

Financing scheme

There is no standardized scheme for infrastructure projects on city-level (secondary cities) in Cambodia

Financial Scheme for Integrated Sanitation Approach (Phase 1) in Krong Kracheh



Standard scheme in ministry-led, governmental projects

