

 Early Warning System

WB-P510192

Strengthening One Health Laboratory Systems in Sri Lanka for Health
Emergency Preparedness



Quick Facts

Countries	Sri Lanka
Financial Institutions	World Bank (WB)
Status	Proposed
Bank Risk Rating	A
Voting Date	2026-09-25
Borrower	Government of Sri Lanka - Ministry of Health
Sectors	Education and Health, Law and Government
Investment Type(s)	Grant
Investment Amount (USD)	\$ 2.34 million
Project Cost (USD)	\$ 18.40 million



Project Description

According to the Bank's website, the objective of this project is to strengthen national laboratory systems' capacity and quality with a One Health approach for timely detection of priority pathogens with public health emergency potentials.

The operation will support Sri Lanka to improve its national capacities on PPR and One Health laboratories, as well as the related capacity for surveillance.

Component 1: Strengthening Laboratory Systems and Quality Management. This component focuses on modernizing laboratory operations and establishing consistent quality standards across the public health sector.

Subcomponent 1.1: Upgrade existing Laboratory Information Management System (LIMS) to provide real time, patient level information and sharing laboratory information among the One Health partners.

Subcomponent 1.2: Strengthen key laboratories at the Medical Research Institute (MRI) that have been identified as National Centers of Excellence.

Subcomponent 1.3: Strengthen laboratory quality management system at public human health laboratories.

Component 2: Expanding Laboratory Capacity for Priority Disease Detection and Biosafety. To detect and respond to both existing and emerging health threats, Sri Lanka requires laboratories with advanced diagnostic capacity and strong biosafety measures. This component enhances the country's ability to detect priority pathogens through expanded testing capabilities in all laboratories and establishes a modular Biosafety Level 3 (BSL-3) facility to carry out these procedures at MRI.

Subcomponent 2.1: Enhance the biosafety capacity of the national public health reference laboratory (Medical Research Institute) by achieving BSL 3 accreditation.

Subcomponent 2.2: Strengthen laboratory testing capacities for detection of priority diseases.

Component 3: Strengthening the One Health Approach Through strengthening infection prevention and Bio security.

Addressing zoonotic, environmental, and aquatic health threats requires well-equipped, sector-specific reference laboratories. This component will support the upgrading of infection prevention control and adherence to environment standards in the One Health reference Laboratories).

Component 4: Project Management and Administration, Monitoring and Evaluation (M&E). This component will include project management, monitoring and evaluation activities.



Early Warning System Project Analysis

The Environmental risk of the project is rated Moderate, given its site-specific Environmental Health & Safety risks associated with BSL3 and incinerators. All the bio safety related impacts will be expected during the operational phase of the project.

The project's social risks are rated 'Substantial' at concept stage, primarily due to health and safety risks to communities and project workers associated with operating BSL-3 laboratories at MRI and incinerators at VRI and NARA.



Investment Description

- World Bank (WB)

The total value of the fund will be US\$18.4 million and the WB financing will be USD 2.34 million.



Contact Information

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ACCESS TO INFORMATION

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Bank Documents

- [Appraisal Environmental and Social Review Summary \(ESRS\) - Strengthening One Health Laboratory Systems](#)
- [Concept Environmental and Social Review Summary \(ESRS\) - Strengthening One Health Laboratory Systems](#)
- [Environmental and Social Commitment Plan \(ESCP\) - Strengthening One Health Laboratory Systems in Sri Lanka](#)
- [Environmental and Social Commitment Plan \(ESCP\) Strengthening One Health Laboratory Systems in Sri Lanka](#)
- [Project Information Document - Strengthening One Health Laboratory Systems in Sri Lanka for Health Emergency Preparedness](#)
- [Stakeholder Engagement Plan \(SEP\) - Strengthening One Health Laboratory Systems in Sri Lanka for Health Emergency Preparedness](#)
- [Stakeholder Engagement Plan \(SEP\) Strengthening One Health Laboratory Systems in Sri Lanka for Health Emergency Preparedness](#)