

| India : The Resilient | Kerala Program |
|-----------------------|----------------|
|-----------------------|----------------|

| • | Project Information    |   |                            |                              |  |
|---|------------------------|---|----------------------------|------------------------------|--|
|   | Project ID:            | P000463   | Instrument ID:             | L0463A                       |  |
|   | Member:                | India   | Region:                    | Southern Asia                |  |
|   | Sector:                | Water   | Sub-sector:                | Water disaster resilience    |  |
|   | Instrument type:       | ⊠Loan:125.00 USD million  | Co-financier(s):           | The World Bank               |  |
|   | instrument type.       | □Guarantee  |                            |                              |  |
|   | ES category:           | В   | Borrower:                  | Republic of India            |  |
|   | Implementing Entity:   | Not Applicable  | ·                          |                              |  |
|   | Project Team Leader:   | Yuka Terada   |                            |                              |  |
|   |                        | Bernardita Saez, Project Counse   | l; Aditi Khosla, Alternate | Counsel; Yogesh Malla, OSD - |  |
|   | Project Team           | Financial Management Specialist; Chee Wee Tan, OSD - Social Development Specialist; Amy |                            |                              |  |
|   | Members:               | Chua Fang Lim, OSD - Environment Specialist; Yangzom Yangzom, OSD - Procurement         |                            |                              |  |
|   |                        | Specialist;   |                            |                              |  |
|   | Completed Site Visits  | Sep, 2021   |                            |                              |  |
|   | by AIIB:               | Virtual Kick off mission  |                            |                              |  |
|   | Planned Site Visits by | Visit hu Cubicat to lifting of two of vestsion  |                            |                              |  |
|   | AIIB:                  | Visit by Subject to lifting of travel restriction                                       |                            |                              |  |
|   | Current Red Flags      | 0   |                            |                              |  |
|   | Assigned:              | 5   |                            |                              |  |
|   | Current Monitoring     | Regular Monitoring  |                            |                              |  |
|   | Regime:                |   |                            |                              |  |
|   | Previous Red Flags     |   |                            |                              |  |
|   | Assigned:              |   |                            |                              |  |
|   | Previous Red Flags     |   |                            |                              |  |
|   | Assigned Date:         |   |                            |                              |  |
|   |                        |   |                            |                              |  |

# 1. Project Information

## 2. Project Summary and Objectives

The proposed Program for Results (PforR) will support the implementation of the two key government programs – the Rebuild Kerala Development Program (RKDP) and the State Health Mission (SHM) – by adopting an integrated framework to enhance GoK's fiscal and institutional resilience against the impacts of climate change and natural disasters including disease outbreaks. The Program operates at two levels: across the State and in the districts adjoining the Pamba River. While system improvements, establishment of rules and norms and institutional building activities will apply to the entire State, activities that aim to demonstrate an integrated multi-dimensional resilience approach will focus on the Pamba River Basin and the districts along the river. The Program also supports the SHM, which aims to improve availability of and access to quality health care by people, especially for those residing in rural areas, the poor, women and children.

As a subset of the government programs covering the broad resilience agenda, the boundaries of the PforR have been defined to include the following high priority sectors - Health, Road, Urban, Water Resources Management (WRM), Agriculture, Disaster Risk Financing & Insurance, Disaster Risk Management (DRM) and Fiscal & Governance. The PforR will support two Results Areas (RAs) that contribute to the overall outcomes of the government programs - RA1: Strengthening transversal systems for resilience; and RA2: embedding resilience in key economic sectors.

The Program objective is to enhance the State of Kerala's resilience against the impacts of climate change and natural disasters, including disease outbreaks and pandemics.

## 3. Key Dates



| Approval:      | Jul. 15, 2021 | Signing:               | Aug. 10, 2021 |
|----------------|---------------|------------------------|---------------|
| Effective:     | Dec. 17, 2021 | Restructured (if any): |               |
| Orig. Closing: | Dec. 31, 2026 | Rev. Closing (if any): |               |

## 4. Disbursement Summary (USD million)

| Contract Awarded: | 125.00 | Cancellation (if any):    | 0.00               |
|-------------------|--------|---------------------------|--------------------|
| Disbursed:        |        | Most recent               |                    |
|                   | 0.31   | disbursement              | 0.31/Dec. 15, 2021 |
|                   |        | (amount/date):            |                    |
| Undisbursed:      | 124.69 | Disbursement Ratio        | 0.00               |
|                   |        | <b>(%)</b> <sup>1</sup> : | 0.00               |

#### 5. Project Implementation Update

As the Program is based on Program for Result (PforR), the Program funds will be disbursed by the WB/AIIB to Gol on the satisfactory achievement of the DLRs, as verified by an Independent Verification Agent (IVA), following the agreed verification protocols.

Result Area 1: Strengthening Transversal Systems for Resilience

DLI1: Sustainable Fiscal and Debt Management

Currently, GoK's debt to Gross State Domestic Product (GSDP) ratio is 37.3 percent in FY20/21 (WB Estimates) and under this component, the Program aims to achieve GSDP ratio under 35 percent. To achieve this, Dept Management plan is currently under discussion.

DLI4: ULBs with sanctioned risk-informed Master Plans and Priority Action Plans

Currently, Urban Master Plans in Kerala are not risk-informed and many are not sanctioned and not implemented. Working group for the risk-informed Master Plan has been established together with other development partners including Kfw. Three revised urban master plans have already been drafted and currently under the review by assigned experts of Kfw/Afd.

DLI5: Climate risk Information integrated into local DRM plans

Currently, local DRM plans lack integration of climate risk information. Kerala State Disaster Management Authority (KSDMA) is currently working on downscaling climate models. The combined working groups with DLI4 has been formed.

Result Area 2: Embedding Resilience in Key Economic Sectors

DLI6: Capacity of GoK to track and respond to zoonotic disease outbreaks of human importance in a timely manner through the One Health platform enhanced at the local level.

Currently there is no formal district level One Health coordination platform as well as no community based One Health surveillance protocols and systems. the Department of Health and Family Welfare has been working on setting up district level One Health coordination platform.

DLI7: Integrated River Basin Management Plan for Pamba Basin developed, and implementation commenced Currently there is no Integrated River Basin Management Plan has been developed for Pamba Basin.

Water Resources Department (WRD) is developing flood forecasting systems for Pamba Basin.

DLI8: Farmer Producer Organization (FPOs) have increased access to new and organized markets

Currently there are 12 FPOs exist across all Pamba Basin. Agri-Business Promotion Agencies has already been

<sup>&</sup>lt;sup>1</sup>Disbursement Ratio is defined as the volume (e.g. the dollar amount) of total disbursed amount as a percentage of the net committed volume.



Project Implementation Monitoring Report (#1) Updates for 2021 Q4

contracted to support FPOs in Pamba Basin and coordination group has been formed.

DLI9: Number of KMs of Core Road Network (CRN) rehabilitated and/or maintained to resilient standards in Pamba Basin

Currently CRN is not meeting resilient service standards in the Pamba Basin.

The climate compatible Road Maintenance Management System (RMMS) is currently under the development. The RMMS system will be designed to host all related road inventory, pavement quality, traffic and pavement crust data collected and project on GIS map.

| Components   | Physical Progress  | Environmental &  | Procurement  | Financial   |
|--|--|--|--|---|
| components   | r nysical r logi ess   | Social Compliance  | Frocurement  | Management  |
| DL11: Sustainable Fiscal<br>and Debt Management  | Working group has<br>been formed                                     | Social Compliance  | N/A  | ManagementThe existingFinancialManagement (FM)staff strength inRKI and theparticipatingdepartments areadequate formanaging the FMaspects of theProgram.However, a nodaloffice for FMneeds to beengaged at thePMU level. Theappointments willbe based on theToR agreed withthe Bank. Also, thearrangement offunctionalresponsibilities ofexistingdepartments (atthe RKI andparticipatingdepartments)finance andaccounts staff forsupporting theRKP needs to beclearly establishedand shall bereviewed as partof the firstsupervision |
| DLI4: ULBs with<br>sanctioned risk-informed<br>Master Plans and Priority<br>Action Plans | Three revised risk-<br>informed master<br>plans have been<br>drafted | Environment and<br>Social aspect on<br>the drafted master<br>plans has been<br>reviewed. | Other<br>development<br>partner has<br>procured for the<br>expert to support | mission.  |



|   |   |              | this DLI.  |  |
|---|---|--------------|--|--|
| DLI5: Climate risk<br>Information integrated<br>into local DRM plans  | At least three Local<br>DRM plans have<br>been reviewed   | same as DLI4 | same as DLI4   |  |
| DLI6: Capacity of GoK to<br>track and respond to<br>zoonotic disease<br>outbreaks of human<br>importance in a timely<br>manner through the One<br>Health platform enhanced<br>at the local level. | Working group has<br>been formed  | N/A          | N/A  |  |
| DLI7: Integrated River<br>Basin Management Plan<br>for Pamba Basin<br>developed, and<br>implementation<br>commenced   | In coordination<br>with working<br>group for DLI4/5,<br>working group has<br>been formed.                     | N/A          | N/A  |  |
| DLI8: Farmer Producer<br>Organization (FPOs) have<br>increased access to new<br>and organized markets   | Agri-Business<br>Promotion<br>Agencies has<br>already been<br>contracted to<br>support FPOs in<br>Pamba Basin | N/A          | N/A  |  |
| DLI9: Number of KMs of<br>Core Road Network (CRN)<br>rehabilitated and/or<br>maintained to resilient<br>standards in Pamba Basin  | GIS map has been<br>developed   | N/A          | TOR for the<br>procurement for<br>upgrading of CRN<br>(contract size not<br>exceeding US\$40<br>million) will be<br>reviewed |  |

#### 6. Status of the Grievance Redress Mechanism (GRM)

The Program activities being multisectoral in nature, the time bound processes for bolstering the capabilities of key institutions for ensuring the inclusiveness in the sector/resource planning and implementation. On that note, a Program-level grievance mechanism (GRMs) will be established to strengthen the existing ones and to make the process more accountable and transparent. The grievances shall be managed by the Rebuild Kerala Initiative (RKI) at the coordination level for its easy implementation, management and coordination. Apart from Program-level grievance mechanism, KRI has an existing GRM.

#### 7. Results Monitoring

The main body to coordinate the implementation will be the Rebuild Kerala Initiative (RKI) which was established following the 2018 floods, to better prepare the State against future disasters and act as a vehicle to operationalize the RKDP. The RKI will collaborate with and coordinate across departments and technical agencies to implement the Program.

Each DLI has responsible department and technical agencies by whom local level implementation has been closely followed up.

As mentioned above, the Program funds will be disbursed by the WB/AIIB to GoI on the satisfactory achievement of the DLRs, as verified by an IVA.

#### Project Objective Indicators #1



| Year          | Target   | Actual   | Comments, if any |
|---------------|--|--|------------------|
| Jan. 17, 2022 | N/A  | State level DRM plans<br>and emergency<br>response protocols<br>are in place, but local<br>level preparedness to<br>disasters and disease<br>outbreaks is low. | N/A              |
| Jan. 17, 2022 | N/A  | State level DRM plans<br>and emergency<br>response protocols<br>are in place, but local<br>level preparedness to<br>disasters and disease<br>outbreaks is low. | N/A              |
| Jun. 30, 2026 | 3.9 million people are<br>benefiting from local<br>DRM plans and One<br>Health Community<br>Surveillance systems<br>in Pamba Basin<br>districts. | N/A  | N/A              |
| Jun. 30, 2026 | 3.9 million people are<br>benefiting from local<br>DRM plans and One<br>Health Community<br>Surveillance systems<br>in Pamba Basin<br>districts. | N/A  | N/A              |

People are benefiting from local DRM plans and One Health Community Surveillance systems in Pamba Basin districts

# Project Objective Indicators #2

People are benefiting from flood early warning services and flood protection measures in Pamba Basin

| Year          | Target  | Actual | Comments, if any |
|---------------|---|--------|------------------|
| Jan. 17, 2022 | N/A   | 0.0    | N/A              |
| Jan. 17, 2022 | N/A   | 0.0    | N/A              |
| Jun. 30, 2026 | 4.8 million people are<br>benefiting from flood<br>early warning<br>services and flood<br>protection<br>interventions in<br>Pamba Basin<br>districts. | N/A    | N/A              |
| Jun. 30, 2026 | 4.8 million people are<br>benefiting from flood<br>early warning<br>services and flood<br>protection<br>interventions in<br>Pamba Basin<br>districts. | N/A    | N/A              |



ULBs developed and sanctioned risk-informed Urban Master Plans and Priority Action Plans

| Year          | Target  | Actual  | Comments, if any |
|---------------|---|---|------------------|
| Jan. 17, 2022 | N/A   | Urban Master Plans<br>are not risk-<br>informed; many are<br>not sanctioned; and<br>few are implemented | N/A              |
| Jan. 17, 2022 | N/A   | Urban Master Plans<br>are not risk-<br>informed; many are<br>not sanctioned; and<br>few are implemented | N/A              |
| Jun. 30, 2023 | Department of Town<br>and Country Planning<br>(DTCP) and KILA have<br>developed and<br>notified guidelines<br>and training program<br>for risk-informed<br>master planning for<br>ULBs. | N/A   | N/A              |
| Jun. 30, 2023 | Department of Town<br>and Country Planning<br>(DTCP) and KILA have<br>developed and<br>notified guidelines<br>and training program<br>for risk-informed<br>master planning for<br>ULBS. | N/A   | N/A              |
| Jun. 30, 2025 | DTCP and KILA have<br>provided training to<br>at least 9 ULBs in<br>Pamba Basin districts<br>on risk-informed<br>urban master<br>planning.  | N/A   | N/A              |
| Jun. 30, 2025 | DTCP and KILA have<br>provided training to<br>at least 9 ULBs in<br>Pamba Basin districts<br>on risk-informed<br>urban master<br>planning.  | N/A   | N/A              |

#### Intermediate Result Indicators #2

Climate risk Information is integrated into local DRM plans

| Year          | Target | Actual                                    | Comments, if any |
|---------------|--------|---|------------------|
| Jan. 17, 2022 | N/A    | There is a lack of<br>integration and use | N/A              |



|               |   | of local level climate  |     |
|---------------|---|---|-----|
|               |   | risks to strengthen<br>local level  |     |
| Jan. 17, 2022 | N/A   | preparedness.<br>There is a lack of<br>integration and use<br>of local level climate<br>risks to strengthen<br>local level<br>preparedness. | N/A |
| Jun. 30, 2023 | KSDMA has<br>downscaled climate<br>models and provided<br>this information to all<br>LSGs in the State.   | N/A   | N/A |
| Jun. 30, 2023 | KSDMA has<br>downscaled climate<br>models and provided<br>this information to all<br>LSGs in the State.   | N/A   | N/A |
| Jun. 30, 2024 | 200 LSGs in Pamba<br>Basin districts have<br>integrated climate<br>information into the<br>local body disaster<br>risk management<br>plans.   | N/A   | N/A |
| Jun. 30, 2024 | 200 LSGs in Pamba<br>Basin districts have<br>integrated climate<br>information into the<br>local body disaster<br>risk management<br>plans.   | N/A   | N/A |
| Jun. 30, 2025 | 100 LSGs in Pamba<br>Basin districts have<br>been assessed<br>through DCAT and<br>achieved the target<br>of 30% co-benefits.  | N/A   | N/A |
| Jun. 30, 2025 | 100 LSGs in Pamba<br>Basin districts have<br>been assessed<br>through DCAT and<br>achieved the target<br>of 30% co-benefits.  | N/A   | N/A |
| Jun. 30, 2026 | 150 LSGs in Pamba<br>Basin districts have<br>satisfactorily<br>completed local level<br>emergency<br>management<br>exercises<br>coordinated by<br>KSDMA as per the<br>updated local body<br>disaster risk<br>management plans | N/A   | N/A |
| Jun. 30, 2026 | 150 LSGs in Pamba   | N/A   | N/A |



|                       | _ |
|-----------------------|---|
| Basin districts have  |   |
| satisfactorily        |   |
| completed local level |   |
| emergency             |   |
| management            |   |
| exercises             |   |
| coordinated by        |   |
| KSDMA as per the      |   |
| updated local body    |   |
| disaster risk         |   |
| management plans      |   |

DCAT tool is developed and adopted for assessing climate adaptation and mitigation investments

| Year          | Target              | Actual       | Comments, if any |
|---------------|---------------------|--------------|------------------|
| Jan. 17, 2022 | N/A                 | No DCAT tool | N/A              |
| Jan. 17, 2022 | N/A                 | No DCAT tool | N/A              |
| Jun. 30, 2026 | DCAT tool developed | N/A          | N/A              |
| Jun. 30, 2026 | DCAT tool developed | N/A          | N/A              |

# Intermediate Result Indicators #4

Capacity of GoK is enhanced in disaster and climate risk-informed urban and DRM planning

| Year          | Target   | Actual   | Comments, if any |
|---------------|--|--|------------------|
| Jan. 17, 2022 | N/A  | GoK lacks capacity to<br>integrate DRM and<br>climate risk into<br>planning and tools to<br>enforce Urban and<br>DRM plans as well as<br>to monitor climate<br>change co-benefits. | N/A              |
| Jan. 17, 2022 | N/A  | GoK lacks capacity to<br>integrate DRM and<br>climate risk into<br>planning and tools to<br>enforce Urban and<br>DRM plans as well as<br>to monitor climate<br>change co-benefits. | N/A              |
| Jun. 30, 2023 | 200 LSG resource<br>persons and<br>functionaries are<br>trained in climate-<br>informed DRM<br>investment planning,<br>DCAT, and risk-<br>informed urban<br>master planning. | N/A  | N/A              |
| Jun. 30, 2023 | 200 LSG resource<br>persons and<br>functionaries are   | N/A  | N/A              |



|               |                      |     | 1   |
|---------------|----------------------|-----|-----|
|               | trained in climate-  |     |     |
|               | informed DRM         |     |     |
|               | investment planning, |     |     |
|               | DCAT, and risk-      |     |     |
|               | informed urban       |     |     |
|               | master planning.     |     |     |
| Jun. 30, 2024 | 700 LSG resource     |     |     |
|               | persons and          |     |     |
|               | functionaries are    |     |     |
|               | trained in climate-  |     |     |
|               | informed DRM         | N/A | N/A |
|               | investment planning, |     |     |
|               | DCAT, and risk-      |     |     |
|               | informed urban       |     |     |
|               | master planning.     |     |     |
| Jun. 30, 2024 | 700 LSG resource     |     |     |
|               | persons and          |     |     |
|               | functionaries are    |     |     |
|               | trained in climate-  |     |     |
|               | informed DRM         | N/A | N/A |
|               | investment planning, | רעי |     |
|               | DCAT, and risk-      |     |     |
|               | informed urban       |     |     |
|               |                      |     |     |
| 1 20 2025     | master planning.     |     |     |
| Jun. 30, 2025 | 1200 LSG resource    |     |     |
|               | persons and          |     |     |
|               | functionaries are    |     |     |
|               | trained in climate-  |     |     |
|               | informed DRM         | N/A | N/A |
|               | investment planning, |     |     |
|               | DCAT, and risk-      |     |     |
|               | informed urban       |     |     |
|               | master planning      |     |     |
| Jun. 30, 2025 | 1200 LSG resource    |     |     |
|               | persons and          |     |     |
|               | functionaries are    |     |     |
|               | trained in climate-  |     |     |
|               | informed DRM         | N/A | N/A |
|               | investment planning, |     |     |
|               | DCAT, and risk-      |     |     |
|               | informed urban       |     |     |
|               | master planning      |     |     |
| Jun. 30, 2026 | 1700 trained LSG     |     |     |
|               | resource persons and |     |     |
|               | functionaries are    |     |     |
|               | mobilized for        |     |     |
|               | climate-informed     | N/A | N/A |
|               | DRM investment       |     |     |
|               | planning, DCAT, and  |     |     |
|               | risk-informed urban  |     |     |
|               | master planning.     |     |     |
| Jun. 30, 2026 | 1700 trained LSG     |     |     |
| Jun. 30, 2020 | resource persons and |     |     |
|               | functionaries are    |     |     |
|               | mobilized for        |     |     |
|               |                      | N/A | N/A |
|               | climate-informed     |     |     |
|               | DRM investment       |     |     |
|               | planning, DCAT, and  |     |     |
|               | risk-informed urban  |     |     |



Updates for 2021 Q4

| master plan | ning. |  |  |
|-------------|-------|--|--|
|-------------|-------|--|--|

## Intermediate Result Indicators #5

Capacity to track and respond to zoonotic disease outbreaks of human importance in a timely manner is strengthened through the enhanced One Health platform at the local level

| Year          | Target  | Actual   | Comments, if any |
|---------------|---|--|------------------|
| Jan. 17, 2022 | N/A   | No formal district<br>level One Health<br>coordination<br>platform. No<br>community based<br>One Health<br>surveillance<br>protocols and<br>systems. | N/A              |
| Jan. 17, 2022 | N/A   | No formal district<br>level One Health<br>coordination<br>platform. No<br>community based<br>One Health<br>surveillance<br>protocols and<br>systems. | N/A              |
| Jun. 30, 2023 | DoHFW has<br>operationalized<br>district level One<br>Health coordination<br>platform with trained<br>and certified staff in<br>Pamba Basin districts                             | N/A  | N/A              |
| Jun. 30, 2023 | DoHFW has<br>operationalized<br>district level One<br>Health coordination<br>platform with trained<br>and certified staff in<br>Pamba Basin districts                             | N/A  | N/A              |
| Jun. 30, 2024 | DoHFW has provided<br>training to 250,000<br>LSG and<br>Kudumbashree<br>members on<br>protocols for<br>community based<br>One Health<br>surveillance in Pamba<br>Basin districts. | N/A  | N/A              |
| Jun. 30, 2024 | DoHFW has provided<br>training to 250,000<br>LSG and<br>Kudumbashree<br>members on<br>protocols for<br>community based  | N/A  | N/A              |



|               | One Health            |     |     |
|---------------|-----------------------|-----|-----|
|               | surveillance in Pamba |     |     |
|               | Basin districts.      |     |     |
| Jun. 30, 2025 | DoHFW undertakes      |     |     |
|               | routine joint disease |     |     |
|               | outbreak              |     |     |
|               | investigations and    | N/A | N/A |
|               | inspections in 4      |     |     |
|               | Pamba Basin           |     |     |
|               | districts.            |     |     |
| Jun. 30, 2025 | DoHFW undertakes      |     |     |
|               | routine joint disease |     |     |
|               | outbreak              |     |     |
|               | investigations and    | N/A | N/A |
|               | inspections in 4      |     |     |
|               | Pamba Basin           |     |     |
|               | districts.            |     |     |
| Jun. 30, 2026 | At least 150 LSGs are |     |     |
|               | implementing          |     |     |
|               | community based       | N/A | N/A |
|               | One Health            |     |     |
|               | surveillance in Pamba |     |     |
|               | Basin districts.      |     |     |
| Jun. 30, 2026 | At least 150 LSGs are |     |     |
|               | implementing          |     |     |
|               | community based       |     |     |
|               | One Health            | N/A | N/A |
|               | surveillance in Pamba |     |     |
|               | Basin districts.      |     |     |

## Integrated River Basin Management Plan is developed and implemented for Pamba Basin

| Year          | Target                | Actual              | Comments, if any |
|---------------|-----------------------|---------------------|------------------|
| Jan. 17, 2022 | N/A                   | No Integrated River |                  |
|               |                       | Basin Management    |                  |
|               |                       | Plan has been       | N/A              |
|               |                       | developed for Pamba |                  |
|               |                       | Basin.              |                  |
| Jan. 17, 2022 | N/A                   | No Integrated River |                  |
|               |                       | Basin Management    |                  |
|               |                       | Plan has been       | N/A              |
|               |                       | developed for Pamba |                  |
|               |                       | Basin.              |                  |
| Jun. 30, 2023 | WRD has developed     |                     |                  |
|               | flood forecasting and |                     |                  |
|               | integrated reservoir  | N/A                 | N/A              |
|               | operation systems     |                     |                  |
|               | for Pamba Basin.      |                     |                  |
| Jun. 30, 2023 | WRD has developed     |                     |                  |
|               | flood forecasting and |                     |                  |
|               | integrated reservoir  | N/A                 | N/A              |
|               | operation systems     |                     |                  |
|               | for Pamba Basin.      |                     |                  |
| Jun. 30, 2024 | RBCMA is fully        |                     |                  |
|               | operational with      | N/A                 | N/A              |
|               | technical and         |                     |                  |



|               | operational staff.  |     |     |
|---------------|---|-----|-----|
| Jun. 30, 2024 | RBCMA is fully<br>operational with<br>technical and<br>operational staff.                   | N/A | N/A |
| Jun. 30, 2025 | WRD has adopted<br>and operationalized<br>integrated River<br>Basin plan for Pamba<br>Basin | N/A | N/A |
| Jun. 30, 2025 | WRD has adopted<br>and operationalized<br>integrated River<br>Basin plan for Pamba<br>Basin | N/A | N/A |
| Jun. 30, 2026 | WRD has interfaced<br>the WRM systems<br>with KSDMA, DoA,<br>PWD and LSGD.                  | N/A | N/A |
| Jun. 30, 2026 | WRD has interfaced<br>the WRM systems<br>with KSDMA, DoA,<br>PWD and LSGD.                  | N/A | N/A |

CRN is rehabilitated and/or maintained to meet resilient service standards in the Pamba Basin

| Year          | Target  | Actual  | Comments, if any |
|---------------|---|---|------------------|
| Jan. 17, 2022 | N/A   | Zero km of CRN is<br>meeting resilient<br>service standards in<br>the Pamba Basin | N/A              |
| Jan. 17, 2022 | N/A   | Zero km of CRN is<br>meeting resilient<br>service standards in<br>the Pamba Basin | N/A              |
| Jun. 30, 2023 | CRN is rehabilitated<br>and/or maintained to<br>meet resilient service<br>standards in the<br>Pamba Basin | N/A   | N/A              |
| Jun. 30, 2023 | CRN is rehabilitated<br>and/or maintained to<br>meet resilient service<br>standards in the<br>Pamba Basin | N/A   | N/A              |
| Jun. 30, 2025 | Forward Works<br>Program is generated<br>for at least 6000 km<br>of CRN with<br>budgetary allocation.     | N/A   | N/A              |
| Jun. 30, 2025 | Forward Works<br>Program is generated<br>for at least 6000 km<br>of CRN with<br>budgetary allocation.     | N/A   | N/A              |



# Project Implementation Monitoring Report (#1) Updates for 2021 Q4

| Jun. 30, 2026 | At least 400 km of<br>CRN is meeting<br>resilient standards in<br>Pamba Basin with<br>sustainable asset<br>management<br>practices established. | N/A | N/A |
|---------------|---|-----|-----|
| Jun. 30, 2026 | At least 400 km of<br>CRN is meeting<br>resilient standards in<br>Pamba Basin with<br>sustainable asset<br>management<br>practices established. | N/A | N/A |

# Remarks: