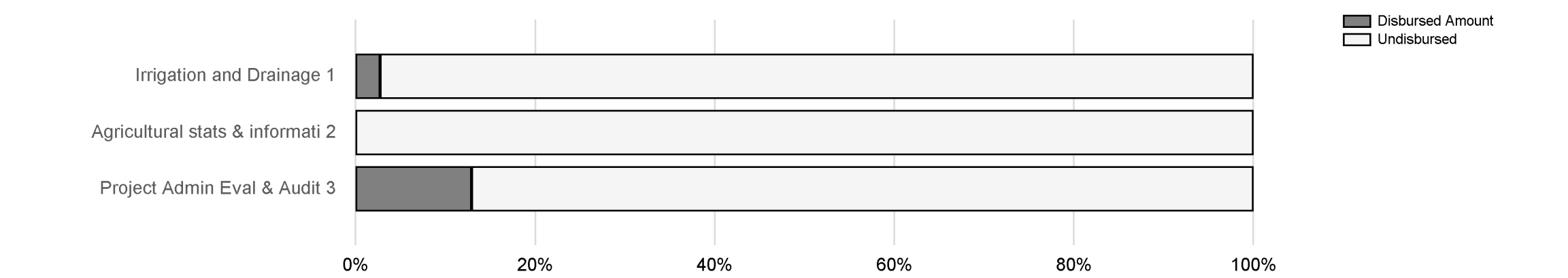


PMR Public Report

| | | | |
|----------------------|----------------------------------|--|----------|
| Operation Number | SU-L1052 | Chief of Operations Validation Date | 10/07/22 |
| Year- PMR Cycle | First period Jan-Jun 2022 | Division Chief Validation Date | |
| Last Update | 10/07/22 | Country Representative Validation Date | |
| PMR Validation Stage | Validated by Chief of Operations | | |

| | | | |
|--|---|---|---|
| Basic Data | | | |
| Operation Profile | | | |
| Operation Name | Sustainable Agricultural Productivity Program | Loan Number | 4615/OC-SU |
| Executing Agency | MINISTRY OF AGRICULTURE, ANIMAL HUSBANDRY AND FISHERIES (LVV) | Sector/Subsector | AGRICULTURE AND RURAL DEVELOPMENT-IRRIGATION AND DRAINAGE |
| Team Leader | COLLINS, MICHAEL I. | Overall Stage | Disbursing (From eligibility until all the Operations are closed) |
| Operation Type | Loan Operation | Country | Suriname |
| Lending Instrument | Investment Loan | Convergence related Operation(s) | |
| Borrower | REPUBLIC OF SURINAME | | |
| Environmental and Social Safeguards | | | |
| Impacts Category | B | Was/Were the objective(s) of this operation reformulated? | NO |
| Safeguard Performance Rating | | Date of approval | |
| Safeguard Performance Rating - Rationale | | | |

| | | | | | | | | | |
|---|-----------------------|-------------|-------------------|------------------------|---------------------|------------------------|----------------------|-------------|--------------------|
| Financial Data | | | | | | | | | |
| | Total Cost and Source | | | | | Available Funds (US\$) | | | |
| Operations | Original IDB | Current IDB | Local Counterpart | Co-Financing / Country | Total Original Cost | Current IDB | Disb. Amount to Date | % Disbursed | Undisbursed Amount |
| SU-L1052 | 30,000,000 | 30,000,000 | 0 | 0 | 30,000,000 | 30,000,000 | 2,133,472.68 | 7.11% | 27,866,527.32 |
| Aggregated | 30,000,000 | 30,000,000 | 0 | 0 | 30,000,000 | 30,000,000 | 2,133,472.68 | 7.11% | 27,866,527.32 |
| Expense Categories by Loan Contract (cumulative values) | | | | | | | | | |



Please note that inactive indicators and outputs are not displayed; totals in the actual cost table may not match the sum of the cost of the outputs displayed, due to the cost of inactive outputs.

RESULTS MATRIX

General Development Objectives

General Development Objectives Nbr. 1: Increase agricultural productivity in Suriname

Observation:

| Indicator | | Unit of Measure | Baseline | Baseline Year | Expected Year of Achievement | EOP 2024 | |
|-----------|-------------------|-----------------|----------|---------------|------------------------------|----------|------|
| 1.0 | Rice productivity | ton/ha | 5.01 | 2017 | 2024 | P | 5.61 |
| | | | | | | A | - |

Details

Means of Verification: LVV Reports

Observations:

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): Yes

| | | | | | | | |
|------------|----|---------------|----|---------------|--|--|--|
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator | | | |
| | | | | | | | |

| Indicator | | Unit of Measure | Baseline | Baseline Year | Expected Year of Achievement | EOP 2024 | |
|-----------|---|-----------------|----------|---------------|------------------------------|----------|-------|
| 1.3 | Small farmers' profits from rice production | US\$/HA | 1447 | 2018 | 2024 | P | 3,680 |
| | | | | | | A | - |

Details

Means of Verification: Program financed survey

Observations:

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

| | | | | | | | |
|------------|----|---------------|----|---------------|--|--|--|
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator | | | |
| | | | | | | | |

RESULTS MATRIX

Specific Development Objectives

Specific Development Objectives Nbr. 1: Improve infrastructure and management of irrigation and drainage systems

Observation:

| | Indicator | Unit of Measure | Baseline | Baseline Year | | 2023 | 2024 | EOP 2024 |
|-----|---|-----------------|----------|---------------|---|------|------|----------|
| 1.0 | Costs of operating I&D infrastructure are reduced | SRD million | 3 | 2018 | P | - | - | 3.12 |
| | | | | | A | - | - | - |

Details

Means of Verification: LVV reports

Observations: Government expenditure (fuel and oil) in pumping water at Wakay station during dry season

Evaluation Methodology: -

| | | | | | |
|------------|----|---------------|----|---------------|--|
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator | |
| | | | | | |

| | Indicator | Unit of Measure | Baseline | Baseline Year | | 2023 | 2024 | EOP 2024 |
|-----|-----------------------|-----------------|----------|---------------|---|------|------|----------|
| 1.3 | Flooding risk reduced | days | 60 | 2017 | P | - | - | - |
| | | | | | A | - | - | - |

Details

Means of Verification: OWMCP Reports

Observations: Number of days (annual) in which swamp water level is above critical level

Evaluation Methodology: -

| | | | | | |
|------------|----|---------------|----|---------------|--|
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator | |
| | | | | | |

| | Indicator | Unit of Measure | Baseline | Baseline Year | | 2023 | 2024 | EOP 2024 |
|-----|-------------------------|-----------------|----------|---------------|---|------|------|----------|
| 1.4 | Water Boards formalized | number | 0 | 2018 | P | 12 | - | 12 |
| | | | | | A | - | - | - |

Details

Means of Verification: LVV reports

Observations: Number of Water Boards with approved bylaws

Evaluation Methodology: -

| | | | | | |
|------------|----|---------------|----|---------------|--|
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator | |
| | | | | | |

| | Indicator | Unit of Measure | Baseline | Baseline Year | | 2023 | 2024 | EOP 2024 |
|-----|---|-----------------|----------|---------------|---|------|------|----------|
| 1.5 | Water Boards contribute to payment of O&M costs | Percentage | 0 | 2018 | P | - | - | 60 |
| | | | | | A | - | - | - |

Details

Means of Verification: LVV reports

Observations: Percentage of O&M cost covered by WB members

Evaluation Methodology: -

| | | | | | |
|------------|----|---------------|----|---------------|--|
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator | |
| | | | | | |

| Indicator | | Unit of Measure | | Baseline | Baseline Year | 2023 | 2024 | EOP 2024 |
|--|--|--------------------|------|---------------|---|------|------|----------|
| 1.6 | Improved use of natural capital (water) | # of beneficiaries | 0 | 2018 | P | - | - | 2,500 |
| | | | | | A | - | - | - |
| Details | | | | | | | | |
| Means of Verification: LVV reports | | | | | | | | |
| Observations: Number of farmers beneficiaries of improved management of natural capital | | | | | | | | |
| Evaluation Methodology: - | | | | | | | | |
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator | 2.20.a Beneficiaries of enhanced disaster and climate change resilience (# beneficiaries) (C) | | | |
| | | | | | | | | |
| Disaggregation | | Male | | | P | - | - | - |
| | | | | | A | - | - | - |
| | | Female | | | P | - | - | - |
| | | | | | A | - | - | - |
| Indicator | | Unit of Measure | | Baseline | Baseline Year | 2023 | 2024 | EOP 2024 |
| 1.7 | Participation of women in Water Boards increased | Percentage | 0 | 2021 | P | - | - | 20 |
| | | | | | A | - | - | - |
| Details | | | | | | | | |
| Means of Verification: LVV reports | | | | | | | | |
| Observations: | | | | | | | | |
| Evaluation Methodology: - | | | | | | | | |
| Pro-Gender | Yes | Pro-Ethnicity | No | CRF indicator | | | | |
| | | | | | | | | |
| Indicator | | Unit of Measure | | Baseline | Baseline Year | 2023 | 2024 | EOP 2024 |
| 1.8 | Improved efficiency of I&D system | number | 0 | 2018 | P | - | - | 2 |
| | | | | | A | - | - | - |
| Details | | | | | | | | |
| Means of Verification: LVV reports | | | | | | | | |
| Observations: Number of seasons (annual) in which irrigation calendar is followed | | | | | | | | |
| Evaluation Methodology: - | | | | | | | | |
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator | | | | |
| | | | | | | | | |
| Specific Development Objectives Nbr. 2: Improve the quality and availability of agriculture statistics | | | | | | | | |
| Observation: | | | | | | | | |
| Indicator | | Unit of Measure | | Baseline | Baseline Year | 2023 | 2024 | EOP 2024 |
| 2.0 | Evidence-based policy making improved | CAQ score value | 32.5 | 2016 | P | - | - | 60 |
| | | | | | A | - | - | - |
| Details | | | | | | | | |
| Means of Verification: Country assessment questionnaire (CAQ) | | | | | | | | |
| Observations: Average CAQ score on the capacity to generate statistics for policy making | | | | | | | | |
| Evaluation Methodology: - | | | | | | | | |
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator | | | | |
| | | | | | | | | |

| Indicator | | Unit of Measure | | Baseline | Baseline Year | 2023 | 2024 | EOP 2024 | |
|---|--|-----------------|------------------------|---------------|---------------|------|------|----------|---|
| 2.3 | Information availability increased | | Number of publications | 0 | 2018 | P | - | - | 1 |
| | | | | | | A | - | - | - |
| Details | | | | | | | | | |
| Means of Verification: LVV reports | | | | | | | | | |
| Observations: Number of publications of census report | | | | | | | | | |
| Evaluation Methodology: - | | | | | | | | | |
| Pro-Gender | No | Pro-Ethnicity | No | CRF indicator | | | | | |
| | | | | | | | | | |
| Indicator | | Unit of Measure | | Baseline | Baseline Year | 2023 | 2024 | EOP 2024 | |
| 2.4 | Gender-specific information availability increased | | Index value | 0 | 2018 | P | - | - | 1 |
| | | | | | | A | - | - | - |
| Details | | | | | | | | | |

Means of Verification: LVV reports

Observations: Index measures fraction of FAO-recommended (World Programme for the Census of Agriculture 2020) gender-disaggregated questions (5) that are included in the agricultural census.

| | | | | | |
|---------------------------|-----|---------------|----|---------------|--|
| Evaluation Methodology: - | | | | | |
| Pro-Gender | Yes | Pro-Ethnicity | No | CRF indicator | |
| | | | | | |

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Irrigation and Drainage

| | | | | PHYSICAL PROGRESS | | FINANCIAL PROGRESS | |
|------|---|-------------------|-------|-------------------|----------|--------------------|------------|
| | Output | Unit of Measure | | 2022 | EOP 2024 | 2022 | EOP 2024 |
| 1.01 | Primary I&D infrastructure rehabilitated | Number | P | - | 15 | 400,000 | 7,050,000 |
| | | | P (a) | - | 15 | 160,000 | 7,050,000 |
| | | | A | - | 1 | 170,717.27 | 700,808.69 |
| 1.02 | 1.2. New I&D infrastructure built | Number | P | - | 2 | 300,000 | 6,500,000 |
| | | | P (a) | - | 2 | - | 6,500,000 |
| | | | A | - | - | - | - |
| 1.03 | 1.3. I&D action plans formulated | Number | P | 1 | 4 | 15,000 | 51,000 |
| | | | P (a) | 1 | 4 | - | 51,000 |
| | | | A | 1 | 1 | 24.37 | 24.37 |
| 1.04 | 1.4. Water Board infrastructure rehabilitated | Number of WB | P | - | 6 | 100,000 | 10,678,000 |
| | | | P (a) | - | 6 | 100,000 | 10,678,000 |
| | | | A | - | - | 49.57 | 299.05 |
| 1.05 | 1.5. Water Boards equipped and trained | Number of WB | P | - | 12 | 60,000 | 190,000 |
| | | | P (a) | - | 12 | 40,000 | 190,000 |
| | | | A | - | - | 696.73 | 951.98 |
| 1.06 | 1.6. Annual communication campaigns implemented | Number | P | 1 | 5 | 6,000 | 36,000 |
| | | | P (a) | 1 | 5 | 6,000 | 36,000 |
| | | | A | 1 | 2 | 2,775.57 | 8,508.6 |
| 1.07 | 1.7. Cost of O&M plans for WB co-financed | Number of WB | P | - | 12 | - | 459,000 |
| | | | P (a) | - | 12 | - | 459,000 |
| | | | A | - | - | - | - |
| 1.08 | 1.8. Incentives for land leveling provided | number of farmers | P | - | 300 | - | 115,000 |
| | | | P (a) | - | 300 | - | 115,000 |

| | | | | | | | |
|------|--|-------------------|-------|---|-----|----------|----------|
| 1.08 | 1.8. Incentives for land leveling provided | number of farmers | A | - | - | - | - |
| 1.09 | 1.9. Annual I&D management and coordination program implemented | Number | P | 1 | 4 | 25,000 | 100,000 |
| | | | P (a) | 1 | 4 | 2,000 | 100,000 |
| | | | A | 1 | 1 | - | - |
| 1.10 | 1.10. Irrigation calendarization proposal formulated and presented to users | Number | P | - | 1 | - | 31,000 |
| | | | P (a) | - | 1 | - | 31,000 |
| | | | A | - | - | - | - |
| 1.11 | 1.11. Hydrometric training for OWMCP | Training Sessions | P | - | 12 | - | 26,000 |
| | | | P (a) | - | 12 | - | 26,000 |
| | | | A | - | - | - | - |
| 1.12 | 1.12. OWMCP’s hydrological flow measurement and model developed | Number | P | - | 1 | 25,000 | 55,000 |
| | | | P (a) | - | 1 | - | 55,000 |
| | | | A | - | - | - | - |
| 1.13 | 1.13. Hydrological and weather network installed | % of equipment | P | - | 100 | - | 610,000 |
| | | | P (a) | - | 100 | - | 610,000 |
| | | | A | - | - | - | - |
| 1.14 | 1.14. Operational Decision Support System developed and delivered | System | P | 1 | 1 | 150,000 | 150,000 |
| | | | P (a) | - | 1 | - | 150,000 |
| | | | A | - | - | - | - |
| 1.15 | 1.15. Water users trained on sustainable use of water and inputs | Number | P | - | 700 | - | 20,000 |
| | | | P (a) | - | 700 | - | 20,000 |
| | | | A | - | - | - | - |
| 1.16 | 1.16. Sustainable and integrated Water Resource Management Program developed | program | P | - | 1 | - | 80,000 |
| | | | P (a) | - | 1 | - | 80,000 |
| | | | A | - | - | - | - |
| 1.17 | 1.17. Ecological assessment of the Nanni Swamp | Report | P | 1 | 1 | 40,000 | 40,000 |
| | | | P (a) | 1 | 1 | 40,000 | 40,000 |
| | | | A | - | - | 8,418.29 | 8,418.29 |
| 1.18 | 1.18. Pesticide survey and sediment quality study | Report | P | 1 | 1 | 200,000 | 200,000 |
| | | | P (a) | 1 | 2 | 10,000 | 200,000 |
| | | | A | - | - | - | - |
| 1.19 | 1.19. Water quality monitoring system established | System | P | - | 1 | - | 100,000 |
| | | | P (a) | - | 1 | - | 100,000 |
| | | | A | - | - | - | - |
| 1.20 | 1.20. Gender Action Plan implemented | Yearly plan | P | 1 | 4 | 10,000 | 40,000 |
| | | | P (a) | 1 | 4 | 7,500 | 40,000 |
| | | | A | 1 | 1 | 3,955.14 | 4,210.39 |

Component Nbr. 2 Agricultural Statistics and Information

| | | | | PHYSICAL PROGRESS | | FINANCIAL PROGRESS | |
|------|---|-------------------|-------|-------------------|----------|--------------------|-----------|
| | Output | Unit of Measure | | 2022 | EOP 2024 | 2022 | EOP 2024 |
| 2.01 | 2.1 Agricultural census implemented | Census | P | - | 1 | 148,056 | 1,021,000 |
| | | | P (a) | - | 1 | 5,000 | 1,021,000 |
| | | | A | - | - | - | - |
| 2.02 | 2.2 Post-census survey implemented | Survey | P | - | 2 | - | 29,000 |
| | | | P (a) | - | 2 | - | 29,000 |
| | | | A | - | - | - | - |
| 2.03 | 2.3 Surveys with probabilistic sample developed | Number of surveys | P | - | 1 | - | 40,000 |
| | | | P (a) | - | 1 | - | 40,000 |
| | | | A | - | - | - | - |
| 2.04 | 2.4 LVV staff trained in statistical and census methods | Number | P | 2 | 11 | 1,000 | 24,000 |
| | | | P (a) | 2 | 11 | 1,000 | 24,000 |
| | | | A | 2 | 2 | - | - |
| 2.05 | 2.5 LVV/DAS equipped | Number | P | - | 1 | 50,000 | 545,000 |
| | | | P (a) | - | 1 | 10,000 | 545,000 |
| | | | A | 1 | 1 | - | - |

| Other Cost | | | | |
|------------|---------------------------|-------|------------|------------|
| | External Audit | P | 24,000 | 120,000 |
| | | P (a) | 14,000 | 120,000 |
| | | A | 13,645.47 | 13,645.47 |
| | Monitoring and Evaluation | P | 50,000 | 250,000 |
| | | P (a) | 0 | 250,000 |
| | | A | 0 | 0 |
| | Project Management | P | 240,000 | 1,440,000 |
| | | P (a) | 435,000 | 1,440,000 |
| | | A | 230,305.14 | 230,305.14 |
| Total Cost | | | | |
| | Total Cost | P | 1,844,056 | 30,000,000 |
| | | P (a) | 830,500 | 30,000,000 |
| | | A | 430,587.55 | 967,171.98 |

| CHANGES TO THE MATRIX | | | | | |
|-----------------------|---|----------------|---|-------------|-------------------|
| Section | Name | Type of Change | Sub type | Modified By | Entered in System |
| Output | 1.18. Pesticide survey and sediment quality study | Modify Output | Modify Physical EOP P(a) value - caused by a change in the Physical P(a). | MICHAELC | 10/7/2022 |

RISKS AND PLANNED RESPONSES

| Risk ID | Risk Status | | Risk Taxonomy |
|---------|------------------|---------------------|---------------------------|
| 3 | Active | | Institutional Environment |
| | | | |
| | Response Actions | | |
| | 3.1 | Management Strategy | Status |
| | | MITIGATE | ACTIVE |
| | | | |
| | | | |

| Risk ID | Risk Status | | Risk Taxonomy |
|---------|------------------|---------------------|---------------------------|
| 6 | Active | | Institutional Environment |
| | | | |
| | Response Actions | | |
| | 6.1 | Management Strategy | Status |
| | | MITIGATE | ACTIVE |
| | | | |
| | | | |

| Risk ID | Risk Status | | Risk Taxonomy |
|---------|------------------|---------------------|----------------|
| 9 | Active | | Sustainability |
| | | | |
| | Response Actions | | |
| | 9.1 | Management Strategy | Status |
| | | MITIGATE | ACTIVE |
| | | | |
| | 9.2 | Management Strategy | Status |
| | | MITIGATE | ACTIVE |
| | | | |
| | 9.3 | Management Strategy | Status |
| | | MITIGATE | COMPLETE |
| | | | |
| | | | |

| Risk ID | Risk Status | | Risk Taxonomy |
|---------|------------------|---------------------|----------------|
| 12 | Active | | Sustainability |
| | | | |
| | Response Actions | | |
| | 12.1 | Management Strategy | Status |
| | | MITIGATE | ACTIVE |
| | | | |
| | | | |

| Risk ID | Risk Status | | Risk Taxonomy | | |
|---------|------------------|---------------------|--------------------------|--------|--|
| 15 | Active | | Organizational Structure | | |
| | | | | | |
| | Response Actions | | | | |
| | 15.1 | Management Strategy | | Status | |
| | | MITIGATE | | ACTIVE | |
| | | | | | |
| | 15.2 | Management Strategy | | Status | |
| | | MITIGATE | | ACTIVE | |
| | | | | | |
| | 15.3 | Management Strategy | | Status | |
| | | MITIGATE | | ACTIVE | |
| | | | | | |
| | | | | | |

| Risk ID | Risk Status | | Risk Taxonomy | |
|---------|------------------|---------------------|--------------------------|--|
| 18 | Active | | Organizational Structure | |
| | | | | |
| | Response Actions | | | |
| | 18.1 | Management Strategy | Status | |
| | | MITIGATE | ACTIVE | |
| | | | | |
| | 18.2 | Management Strategy | Status | |
| | | MITIGATE | ACTIVE | |
| | | | | |
| | 18.3 | Management Strategy | Status | |
| | | MITIGATE | ACTIVE | |
| | | | | |
| | | | | |

| Risk ID | Risk Status | | Risk Taxonomy | | |
|---------|------------------|---------------------|--------------------------|--------|--|
| 21 | Active | | Organizational Structure | | |
| | | | | | |
| | Response Actions | | | | |
| | 21.1 | Management Strategy | | Status | |
| | | MITIGATE | | ACTIVE | |
| | | | | | |
| | | | | | |

| Risk ID | Risk Status | | Risk Taxonomy |
|---------|------------------|---------------------|-----------------|
| 24 | Active | | Human Resources |
| | | | |
| | Response Actions | | |
| | 24.1 | Management Strategy | Status |
| | | MITIGATE | ACTIVE |
| | | | |
| | | | |

| Risk ID | Risk Status | | Risk Taxonomy |
|---------|------------------|---------------------|---------------|
| 27 | Active | | Planning |
| | | | |
| | Response Actions | | |
| | 27.1 | Management Strategy | Status |
| | | MITIGATE | ACTIVE |
| | | | |
| | | | |

| Risk ID | Risk Status | | Risk Taxonomy |
|---------|------------------|---------------------|--------------------|
| 30 | Active | | Social Environment |
| | | | |
| | Response Actions | | |
| | 30.1 | Management Strategy | Status |
| | | MITIGATE | INACTIVE |
| | | | |
| | | | |

| Risk ID | Risk Status | | Risk Taxonomy |
|---------|------------------|---------------------|-----------------|
| 33 | Active | | Human Resources |
| | | | |
| | Response Actions | | |
| | 33.1 | Management Strategy | Status |
| | | MITIGATE | ACTIVE |
| | | | |
| | | | |

| Risk ID | Risk Status | | Risk Taxonomy |
|---------|------------------|---------------------|---------------------|
| 36 | Active | | Natural Environment |
| | | | |
| | Response Actions | | |
| | 36.1 | Management Strategy | Status |
| | | MITIGATE | ACTIVE |
| | | | |
| | | | |

| Risk ID | Risk Status | | Risk Taxonomy |
|---------|------------------|---------------------|---------------------|
| 39 | Active | | Natural Environment |
| | | | |
| | Response Actions | | |
| | 39.1 | Management Strategy | Status |
| | | MITIGATE | ACTIVE |
| | | | |
| | | | |

| Risk ID | Risk Status | | Risk Taxonomy |
|---------|------------------|---------------------|--------------------|
| 42 | Active | | Internal Processes |
| | | | |
| | Response Actions | | |
| | 42.1 | Management Strategy | Status |
| | | MITIGATE | ACTIVE |
| | | | |
| | | | |

IMPLEMENTATION STATUS AND LEARNING

| Lesson Learned - Categories |
|-----------------------------|
| |