

TASK	YEAR 1				YEAR 2				YEAR 3				YEAR 4				YEAR 5				YEAR 6			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
<b>Output 1. Climate risk information is developed, monitored and integrated into policies, regulations and institutions to inform climate resilient small-scale rural infrastructure planning and management</b>			X	X	X	X	X	X	X	X														
<i>1.1. Develop and deliver climate risk information services and vulnerability mapping to all sectoral institutions</i>		X	X		X	X	X		X	X														
<i>1.2. Establish a database system for monitoring, recording and accounting climate induced damages in order to inform climate risk reduction planning and budgeting</i>		X	X		X	X	X		X	X														
<i>1.3. Refine ordinances, regulations and associated codes and standards to enable climate proofing small-scale rural infrastructure</i>		X	X		X	X	X		X	X														
<b>Output 2. Climate risk reduction and climate-proofing measures for small-scale rural infrastructure are implemented to build the resilience of vulnerable communities in six priority districts</b>		X	X		X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<i>2.1. Climate risk reduction measures for small-scale rural infrastructure are fully integrated into the planning and budgeting cycles of Village and Municipal development plans</i>						X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

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	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
2.2 Implementation of climate-proofing measures for small-scale rural infrastructure			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2.3. Supporting catchment management and rehabilitation measures to enhance climate resilient infrastructure and communities			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
<b>MONITORING &amp; EVALUATION</b>																								
Annual Progress Report (APRs)					X				X				X				X				X			
Independent Mid-term Evaluation											X													
Independent Terminal Evaluation																								X

**Deliverables:**

**Output 1**

**Activity 1.1**

- Project Spatial Data Infrastructure (SDI).
- Topographic, geological, soil and landuse surveys completed and ToT delivered
- Training programme in hazard and multi-hazard modelling methods and tools delivered to MSS staff
- 4 sets of national hazard maps covering all of Timor Leste for floods, landslide, erosion and drought
- Methods and tools for undertaking socio-economic surveys developed and codified. Socio-economic surveys for 6 target municipalities in TL completed.
- GIS-based tool developed to integrate spatial socio-economic data with the hazard maps, Tools, methods, guidelines and procedures developed for recording disaster events, undertaking post-event surveys
- Training programme in socio-economic modelling methods and tools delivered to MSS staff

**Activity 1.2**

- 6 Drones procured and user training delivered to MSS staff
- Harmonized and unified damage and loss recording and accounting system in the form of a Disaster Risk Management Application (DRMApp) developed.

- Asset management system linked to Damage and loss database. Asset inspection guidelines, methods and approaches
- Training programme in damage and loss and asset management methods and tools delivered to MSS staff

### Activity 1.3

- Standards, guidelines and specifications for climate resilient small-scale rural infrastructure
- Climate resilient measures embedded into Rural Roads Master Plan & Investment Strategy 2016–2020
- Climate resilience approaches embedded into National Water Supply Policy and Strategic Plan supply
- Climate risk-informed guidelines and SOPs for all infrastructure PDIM and PNDS investments plans
- Capacity development plan and roadmap for national and regional authorities to integrate new policies, plans and strategies and guidelines into PDIM and PNDS
- Capacity development and training plan implemented at national and regional authorities
- Training and support delivered to National Institute for Public Administration (INAP) to implement Disaster Risk Management Training Manual

### Output 2

#### Activity 2.1

- Guidelines for climate risk reduction measures for all categories of small-scale rural infrastructure (water supply, road and bridges, irrigation, flood defenses) through PDIM manual – CAMP; Community-based management and maintenance – GMF manual, KAM – municipal procurement guidelines and administrative post and the Ministerial Technical Committee review checklists
- Training and ToT delivered to Technical staff of Equipment Verification, Evaluation and Supervision (EVAS), in climate infrastructure resilient design.
- Technical assistance provided to Administrative Post (AP) staff in prioritizing projects and feasibility studies, based climate-risk informed project prioritization.
- Standardized appraisal-led project prioritization tools and methods for engineering feasibility studies to incorporate climate-risk considerations into technical feasibility;
- Long-term municipality investment plans for PDIM and PNDS with embedded climate risk management;
- Revised detailed design methods and tools including Environmental impact assessment (EIA) in line with international good practice
- Training delivered to municipality engineers in the new climate-risk informed infrastructure detailed design methods
- Criteria for pre-qualifying contractors. Revised procurement and contracting processes. Training delivered on procurement and contracts. Training delivered to contractors.

#### Activity 2.2

- Detailed design, procurement and implementation of 130 climate-proofed infrastructure

#### Activity 2.3

- Agroforestry and reforestation strategy for infrastructure sub-catchments
- 300ha of Agroforestry and reforestation strategy for infrastructure sub-catchments
- 1200ha of Agroforestry and reforestation strategy for infrastructure sub-catchments