

B ENSURING SUSTAINABILITY OF ENVIRONMENT AND THE NATURAL RESOURCE BASE

B.1 Overarching goal

The overarching goal is to enhance the sustainability and poverty impact of natural resource management by mainstreaming environment in policy-making and in key economic sectors.

B.1.1 Sub-Goals

The following sub goals have to be met to achieve the overarching goal for the environment sector in Rodrigues.

B.1.1.1 Sub-goals for Land Resources, Terrestrial and Forest Biodiversity

- 1 Adoption of a physical development plan;
- 2 Sustainable land resources management and law enforcement;
- 3 Arrest land degradation;
- 4 Sustainable management of forest lands and nature reserves;
- 5 Monitor proliferation of IAS;
- 6 Improve management of Protected Areas, Nature Reserves, and Caves;
- 7 Improve data collection and set-up an appropriate Geo database (see chapter on Information Resources-GIS); and
- 8 Ensure full protection of endangered native fauna.

B.1.1.2 Sub-goals for Coastal Zone and Marine Resources

- 9 Improve management of coastal zone and adopt a holistic approach;
- 10 Arrest coastal zone degradation;
- 11 Ensure sustainable exploitation of coastal and marine resources;
- 12 Set up and manage 4 other Marine Protected Areas by 2011; and
- 13 Stock assessment of lagoon and off-lagoon resources.

B.1.1.3 Sub-goals for solid waste management

- 14 Ensure an efficient waste collection;
- 15 Extension of disposal capacity of solid waste and littering;
- 16 Arrest littering and dumping; and
- 17 Adopt Waste Stream Reduction strategies.

B.1.1.4 Sub-goals for air quality and noise

- 18 Adopt air quality and noise reduction strategies.

B.2 Logical Framework

The logical framework below provides a detailed list of activities under each goal.



PROPOSED LOGICAL FRAMEWORK FOR THE SUSTAINABLE ENVIRONMENT DEVELOPMENT OF RODRIGUES

B.2.1 Land Resources, Terrestrial and Forest Biodiversity

B.2.1.1 Sub-Goal 1

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
Sub-Goal 1 : Adoption of a Physical Development Plan			
<p>Objective</p> <p>To revisit the physical development for Rodrigues</p> <p>Activities</p> <ol style="list-style-type: none"> 1. Set up of a committee to revisit the physical development plan for Rodrigues 2. Situational Analysis of the Rodriguan environment 3. Development Physical Plan is drafted 4. Development Physical Plan is finalised 	<p>Land Use planning and management processes in place and promoting improved and sustainable land use</p> <ol style="list-style-type: none"> 1.1 Committee meets to define line of actions 2.1 Current problems and basic principles are assessed and reported 3.1 Draft Physical Plan is reviewed by other stakeholders 4.1 Final Development Physical Plan is published and endorsed. 	<p>Reports from the Commission of Environment and others</p> <p>Publication of Development Physical Plan.</p>	<p>RRA's commitment, political will, and capacity</p> <p>The adoption of a physical plan is given priority</p>



B.2.1.2 Sub-Goal 2

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
Sub-Goal 2 : Sustainable land management and law enforcement			
<p>Objective</p> <p>Land resources are properly managed and sustainable.</p> <p>Activities</p> <ol style="list-style-type: none"> 1 Review of Land leased clause 2 To continue the Anti Erosion Program activity, which consisted in providing incentives to land lease holders for rehabilitation of soil protection infrastructures 3 The Land Information System to be finalised. 4 Recruitment /Contracting out of private surveyors 5 Introduction and training on Remote sensing, Photogrametry and Satellite Imagery to complement the GIS 	<p>Effective land administration services in place, accessible to all and protecting the land rights of all citizens.</p> <ol style="list-style-type: none"> 1.1 Enforcement of land lease clauses which stipulate that lessees are bound to maintain anti erosive works on the plot of land allocated to them. 1.2 Number of land lease holders covered by the Anti Erosion Program Activity 3.1 The Land Information System is finalised and operational 4.1 Number of surveyors contracted out or recruited 5.1 Number of trainings carried out on Remote sensing, Photogrametry and Satellite Imagery 	<p>Amended land clauses are published.</p> <p>Annual reports and actual land use documents</p> <p>Records held under the Anti Erosion Program</p> <p>Signature of Contracts</p> <p>Records of trainings held</p>	<p>Sufficient legal expertise to review the land lease clauses.</p> <p>The land management and law enforcement is supported by all.</p>

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
6 Trainings in land management and administration <i>Refer to Appendix D on for a complete Logframe on information system</i>	5.2 Number of staffs following the trainings 6.1 Number of trainings carried out in land management administration. 6.2 Number of staffs having followed the course 6.3 There is an improvement in land management and administration.		

B.2.1.3 Sub-Goal 3

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
Sub-Goal 3 : Arrest land degradation			
Objective Soil erosion is reduced and land is regenerated Activities 1 To finalise Registration of farmers	Degraded land is rehabilitated 1.1 Number of farmers registered	Reports on environment Records of registered farmers	Collaboration of farmers

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
2 The Livestock (Cattlewalks) regulations should be revised and appropriate environment created to enhance its sustainable enforcement	2.1 Livestock regulations are adopted	Regulations are published	Sufficient expertise to review and draft livestock regulations
3 Training and adoption of Dry Land farming systems is needed	3.1 Number of trainings conducted on Dry farming systems	Records of trainings conducted List of capital expenditure	Availability of funds
4 Mechanisation sector to be developed + facilitated	4.1 Number of machinery bought	Records of credit facilities offered	
5 Vulgarisation of novel technologies (eg protected cultures, mini tunnels, greenhouses, etc)	5.1 Adoption of new technologies	Records of awareness campaigns regarding access to credit facilities	
6 Development of orchard production	6.1 Number of agricultural goods produced under the orchard production 7.1 Number of farmers having obtained credit facilities	Records of courses offered in to agricultural staffs	
7 To facilitate access to land and create awareness about credit facilities	7.2 Number of people aware of the credit facilities	Records of fake products seized	
8 To promote agricultural diversification	8.1 Number of agricultural products produced through diversification	Records of training carried out	
9 The logo for Rodrigues Label is created	9.1 Marketing of the Rodrigues logo	Records of the tests carried out by the laboratory	
10 Control should be exerted over the marketing of fake or adulterated “Rodriguan” food products eg honey, red beans, dry octopus, etc	10.1 Number of checks and controls carried out in markets		
11 Vulgarisation and training on the use of compost undertaken by Environment Unit and	10.2 Number of fake products seized		



NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
financed by Anti Erosion 2002-2003 12 Refresher courses on agricultural extension should be provided to Agricultural staff 13 Training is needed in Statistics and Biometrics to analyse data and develop experimental designs 14 Need for the setting up of an elementary laboratory to conduct basic tests.	11.1 Number of staffs having followed the courses 12.1 Number of re-fresher courses offered to Agricultural staffs 13.1 Number of trainings conducted in Statistics and Biometrics 13.2 Number of staffs attending the course 14.1 Number of tests carried out by the laboratory		

B.2.1.4 Sub-Goal 4

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
Sub-Goal 4 : Sustainable management of forest lands and nature reserves			
Objective Forest lands and nature reserves are managed properly and sustained Activities	Forest resources enhanced, conserved and sustainability managed for increased productivity and ecosystem services	Annual forest plantation records	Financial resources allocated to forest protection, conservation and management

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
<p>1 Training in forest, islet and biodiversity management needed</p> <p>2 Tests were carried out on removal of Acacia nilotica by Anti Erosion Programme</p> <p>3 Additional nature reserves should be declared and maintained</p> <p>4 Introduction and training on Remote sensing and Satellite Imagery for efficient forest management and identification of tree species</p> <p>5 Sylvopastoral development to be initiated in cattlewalk areas</p> <p>6 To create appropriate environment for the sustainable enforcement of revised Livestock (Cattlewalks) regulations</p> <p>7 Villagers were trained in establishment of forest nurseries and silvicultural practices under Anti Erosion Programme</p> <p>8 Appropriate legislative framework should be developed for the establishment of community</p>	<p>1.1 Number of trainings in forest, islet and biodiversity management</p> <p>2.1 Number of tests carried out on removal of Acacia nilotica</p> <p>3.1 Implementation of project for new nature reserves</p> <p>3.2 Number of new nature reserves declared</p> <p>4.1 Number of training on remote sensing and satellite imagery</p> <p>4.2 Number of tree species identified</p> <p>5.1 Number of cattlewalk areas where sylvopastoral development is initiated</p> <p>6.1 Appropriate environment for cattlewalks is in force</p> <p>7.1 Number of villagers trained in establishment of forest nurseries</p> <p>8.1 New legislative framework for the establishment of community forest is adopted</p>	<p>Records of trainings conducted</p> <p>Forest management and productivity records</p> <p>New legislative framework is published</p>	<p>No widespread forest disasters occur</p> <p>Sufficient expertise to review and come up with a new legislative framework</p>

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
forests 9 Distribution of endemic plants	9.1 Number of endemic plants distributed		

B.2.1.5 Sub-Goal 5

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
Sub-Goal 5 : Monitor proliferation of IAS			
<p>Objective</p> <p>To stop the proliferation of Invasive Alien Species</p> <p>Activities</p> <p>1 Propagation of most endangered endemics</p> <p>2 Proper management plan for control of IAS</p> <p>3 Awareness raising of population and other relevant institutions and schools</p> <p>4 Training + appropriate phytosanitary control at</p>	<p>The proliferation of the Invasive Alien Species is under control.</p> <p>1.1 Number of most endangered endemics propagated</p> <p>2.1 Invasive of Alien Species is properly monitored</p> <p>3.1 Number of target groups touched</p> <p>3.2 Number of trainings carried out</p>	<p>Reports on environment</p> <p>Reports on endangered endemics</p> <p>Reports on Invasive Alien Species</p> <p>Records of trainings undertaken</p> <p>List of the target groups</p>	<p>Sufficient expertise</p> <p>Availability of funds</p>



NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
immigration level 5 Harness Community participatory approach in the control of IAS and planting of endemics 6 Training of staff of relevant institutions	4.1 Number of controls undertaken at immigration level 4.2 Number of trainings carried out 4.3 Number of staff attending the training 5.1 Community Participation contributes in controlling IAS and endemics 6.1 Number of trainings offered 6.2 Number of staff following the training.	identified is available	

B.2.1.6 Sub-Goal 6

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
Sub-Goal 6 : Improve management of Protected Areas, Nature Reserves, and Caves			
Objective To manage protected areas, nature reserves and caves properly Activities	Protected areas, Nature Reserves and Caves are managed properly	Environment reports on protected areas, nature reserves and caves.	No natural disaster Commitment from Commission



NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
1 Management plan for all Protected Areas, Reserves and Caves	1.1 A management plan for all protected areas, reserves	Availability of management plan Reports on Management practices are available Records of trainings and staffs trained Reports on exploration of caves	Availability of funds, resources and expertise
2 Development of best management practices and dissemination	2.1 Best management practices are developed and dissemination		
3 Training of scientific staff	3.1 Number of scientific staffs trained.		
4 Restoration of native flora and fauna	5.1 Reduction in the number of Invasive Alien Species		
5 Control of exotics/ IAS species	7.1 Number of regular exploration of caves carried out		
6 Need to establish more PAs with relevant training needs			
7 More Explorations of the caves			
8 Capacity building for project write up			

B.2.1.7 Sub-Goal 7

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
Sub-Goal 7 : Improve data collection and set-up a database			
Objective			

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
<p>There is an improved system of data collection system with the operation of a database.</p> <p>Activities</p> <p>1 Resources- funding mobilisation from relevant funding agencies</p> <p>2 Capacity building through training of staff</p> <p>Refer to Appendix D on GIS for more details on this issue.</p>	<p>Database is operational</p> <p>1.1 Amount of financial resources mobilised</p> <p>1.2 Number of funding agencies</p> <p>2.1 Number of people recruited</p> <p>2.2 Number of trainings offered</p>	<p>Database passes testing phase.</p> <p>Statement of capital expenditure</p> <p>Financial accounts of the project</p> <p>Signature if employment contracts</p> <p>Records of trainings</p>	<p>Adequate resources, financial, personnel and infrastructure to make the database operational.</p>

B.2.1.8 Sub-Goal 8

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
Sub-Goal 8 : Ensure full protection of endangered native fauna			
<p>Objective</p> <p>Endangered native fauna are restored and protected</p>	<p>Degraded critical ecosystems being rehabilitated,</p>	<p>Environment reports</p>	<p>Commitments of</p>

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
<p>Activities</p> <p>1 Restoration of forest habitat</p> <p>2 Elimination of potential predators (Mice control programme on Coco islet)</p>	<p>with protection, conservation and management well-integrated and benefiting local communities.</p> <p>1.1 Number of hectares of forest land restored</p> <p>2.1 Reduction of potential predators</p>	<p>Reports on forests</p> <p>Reports on potential predators</p>	<p>commission of environment to fully support this project</p> <p>Availability of funds</p>

B.2.2 Coastal Zone and Marine Resources

B.2.2.1 Sub-Goal 9

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
Sub-Goal 9 : Improve management of coastal zone and adopt a holistic approach			
<p>Objective</p> <p>The management of coastal zone is improved</p> <p>Activities</p> <p>1 To build up capacity in Coastal Zone Management and develop ICZM Plan</p>	<p>Coastal zone is completely rehabilitated.</p> <p>1.1 Personnel are recruited. Offices are assigned and the plan is implemented.</p>	<p>Coastal Zone Management Reports</p> <p>Signature of employment</p>	<p>The management of coastal zone is given full support</p> <p>Availability of funds, expertise and</p>



NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
<p>2 To implement proposed recommendations for the sustainable management of beaches, construction distance from the beach and appropriateness of existing anti erosive measures on Coastal Erosion</p> <p>3 Continue Coastal rehabilitation project</p> <p>4 The set up of a defensible setback policy based on the physical processes of flooding, and land and beach erosion.</p> <p>5 An erosion profile station should be established to control beach erosion and carry out surveys</p> <p>6 Protocols should be established/ implemented to monitor reef- lagoon habitat</p>	<p>2.1 Coastal zones where the project is implemented</p> <p>2.2 Reef lagoon habitat are controlled and monitored</p> <p>3.1 Rehabilitation project for the coastal zone is on-going</p> <p>4.1 Land and beach erosion are reduced</p> <p>5.1 An erosion profile station is established.</p> <p>5.2 Beach erosion is controlled.</p> <p>5.3 Surveys are carried out.</p> <p>6.1 Protocols are established.</p> <p>6.2 Reef-lagoon habitat are regenerated.</p> <p>6.3 Fish population is increased</p>	<p>contracts</p> <p>Reports on the Environment</p> <p>Project Documents are available</p> <p>Reports on Reef lagoon available</p> <p>Project document on rehabilitation project for the coastal zone is available</p> <p>Reports on land and beach environment</p> <p>Results of surveys are published</p> <p>Reports on the fisheries</p>	<p>equipments.</p>

B.2.2.2 Sub-Goal 10

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
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NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
Sub-Goal 10 : Arrest coastal zone degradation			
<p>Objective</p> <p>To protect and regenerate the coastal zone</p> <p>Activities</p> <ol style="list-style-type: none"> 1 Apply soil erosion control measures 2 Reduce the number of fishermen operating in the lagoon 3 Raise awareness of fisher through sensitisation and training 4 Better enforcement of the law 5 Encourage community participation to step down fraud 6 To undertake research for development of alternative techniques to the harmful fishery 7 Encourage off lagoon fishing by creating 	<p>Coastal zone is regenerated and protected from further degradation</p> <ol style="list-style-type: none"> 1.1 Control measures of soil erosion that are implemented 2.1 Surveys are carried out to estimate the number of fishers in and off lagoon. 3.1 Number of sensitisation campaigns carried out 3.2 Number of fishers targeted during the campaign 4.1 Number of laws enforced 5.1 There are more participation from the community to step down fraud 6.1 New fishing techniques are proposed and adopted 7.1 Type of incentives that are created 	<p>Reports on the Coastal zone</p> <p>Reports on soil erosion and land degradation</p> <p>Results of surveys carried out</p> <p>Records of sensitisation campaigns carried out</p> <p>Records of the number of fishers attending the campaigns</p> <p>Media publication about the different campaigns</p> <p>Reports on new fishing techniques is available and published</p> <p>List of new MPAs created</p>	<p>Commitment from authorities to support this project</p> <p>Funds are available</p> <p>Expertise in carrying out the surveys</p> <p>Commitment and collaboration from relevant players to carry out the different campaigns</p>

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
incentives 8 Creation and management of MPAs 9 Survey of number of unregistered or part time fishers 10 Better management of wetland	8.1 Number of MPAs created 9.1 Registration of all part time fishers 9.2 Increase in the number of registered fishers 10.1 Wetlands are managed properly.	are available and published Records of all part time fishers registered Reports on wetlands	

B.2.2.3 Sub-Goal 11

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
Sub-Goal 11 : Ensure sustainable exploitation of coastal and marine resources			
Objective To sustain coastal and marine resources Activities 1 Training and sensitisation of fishers for off lagoon fishing 2 Incentives for purchase of boats and engines	Coastal and marine resources are sustained 1.1 Number of trainings and sensitisation campaigns carried out to fishers 2.1 Number of fishers attending the trainings 3.1 Fishers are aware about the benefits of off-	Reports on coastal and marine resources Records of trainings carried out Records of sensitisation	Commitment from the commission to handle this project. Funds availability

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
3 Bank Loans at concessionary rates 4 Fishing equipment to be made available at affordable prices	lagoon fishing 4.1 Availability of fishing equipment and ice on local market at affordable prices	campaigns held Feedback from fishers	

B.2.2.4 Sub-Goal 12

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
Sub-Goal 12 : Set up and manage 4 other Marine Protected Areas by 2011			
<p>Objective</p> <p>Marine Protected Areas are set up and managed efficiently</p> <p>Activities</p> <p>1 Develop the necessary infrastructure</p> <p>2 Seek funding from overseas funding agencies</p> <p>3 Implementation of MPA projects</p>	<p>Four MPAs are operational</p> <p>1.1 Increase in the number of infrastructure</p> <p>2.1 Amount of funding received from overseas funding agencies</p> <p>3.1 Number of MPA projects implemented</p>	<p>List of new set up MPAs</p> <p>Media and press</p> <p>List of capital expenditure linked to the infrastructure being set up</p> <p>Acceptance letter from funding agency</p>	<p>Availability of funds, expertise and infrastructure to execute this project.</p>

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
4 Better management of resources		Implementation document	

B.2.2.5 Sub-Goal 13

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
Sub-Goal 13: Stock assessment of lagoon and off-lagoon resources			
<p>Objective</p> <p>Lagoon and off-lagoon resources are assessed.</p> <p>Activities</p> <p>1 Training of personnel</p> <p>2 Develop new softwares</p> <p>3 Provide ice making and cold storage facilities</p> <p>4 Training on handling and preservation of catch</p> <p>5 Sensitisation on sanitary measures to be adopted</p>	<p>1.1 Number of personnel trained</p> <p>2.1 New software are developed and implemented</p> <p>3.1 Number of Ice making and cold storage facilities that are provided</p> <p>4.1 Number of training on handling and preservation of catch carried out</p>	<p>Reports on the assessment of the lagoon and off lagoon resources are available</p> <p>Records of trainings and list of people trained available</p> <p>Records of the number of ice making and cold storage which are provided</p>	

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
6 Marketing strategy to be developed	5.1 Type and number of sanitary measures adopted 6.1 A marketing strategy is developed and implemented	Records of the different sensitisation campaigns held List of the sanitary measures being adopted A marketing strategic document is available and published	

B.2.3 Solid waste management

B.2.3.1 Sub-Goal 14

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
Sub-Goal 14 : Ensure an efficient waste collection			
Objective To efficiently provide weekly refuse pickup to all residents within the different regions. Activities 1 Acquisition of more vehicles	Increase in waste collection 1.1 Number of vehicles bought	Records of the number of vehicles bought	Availability of funds, resources, infrastructure, equipment and labour Commitment of the

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
2 Increase the pattern of waste collection 3 Waste collection extended to all scattered houses	1.2 Refuse collection made 1.3 Refuse tons collected	Records of collection made	Commission

B.2.3.2 Sub-Goal 15

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
Sub-Goal 15 : Extension of disposal capacity of solid waste and littering			
Objective New dumping site is launched and waste storage capacity is increased Activities 1 Launch tender regarding new site identified 2 Capacity building	New dumping site is operational 1.1 New site at Pointe au Sel is operational 2.1 More staffs are recruited	Official announcement of launching of new dumping site Tenders are available Signature of contracts	Commitment of the commission and the population Air pollution Complaints from inhabitants



B.2.3.3 Sub-goal 16

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
Sub-Goal 16 : Arrest littering and Dumping			
<p>Objective</p> <p>To reduce the amount of littering and dumping</p> <p>Activities</p> <p>1 National campaign against littering and dumping</p> <p>2 Active participation of NGOs</p> <p>3 Activities included at School</p>	<p>There is a reduction in the amount of littering and dumping</p> <p>1.1 Number of campaigns organised</p> <p>1.2 Number of target audiences identified</p> <p>1.3 Number of people sensitised</p> <p>2.1 List of campaigns organised by NGOs</p> <p>3.1 School competition on reducing littering and dumping are organised</p>	<p>Records held at the dumping site</p> <p>Records of campaigns organised</p> <p>List of target audiences are available</p> <p>Records of people sensitised</p>	<p>Availability of Resources, funds, labour and equipments.</p> <p>Collaboration from population</p>

B.2.3.4 Sub-Goals 17

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
Sub-Goal 17 : Waste Stream Reduction			

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
<p>Objective</p> <p>To adopt measures to reduce waste stream</p> <p>Activities</p> <p>1 Awareness campaign of waste segregation</p> <p>2 Collection of aluminium cans</p> <p>3 Collection of scrap metals</p> <p>4 Collection of bottles</p>	<p>Waste Stream is reduced</p> <p>1.1 Number of sensitisation campaigns regarding waste segregation</p> <p>2.1 Tons of aluminium cans collected</p> <p>3.1 Tons of scrap metals collected</p> <p>4.1 Tons of bottles collected</p>	<p>Records of sensitisation campaigns</p> <p>Records of number of cans, scrap metal and bottles collected are available</p>	<p>Collaboration from population</p> <p>Understanding of population</p>

B.2.4 Air quality and noise

B.2.4.1 Sub-Goals 18

NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
Sub-Goal 18 : Adopt air quality and noise reduction strategies			
Objective			



NARRATIVE SUMMARY	INDICATORS OF ACHIEVEMENT	M & E	RISKS & ASSUMPTIONS
<p>To improve air quality and reduce noise pollution</p> <p>Activities</p> <ol style="list-style-type: none"> 1. Introduction of a Prevention of Noise Regulations 2. Introduce appropriate regulations to control the importation of old vehicles 3. Set up a mobile air quality monitoring section 	<p>Air quality is improved and noise pollution reduced.</p> <ol style="list-style-type: none"> 1.1 Noise pollution is reduced 2.1 Reduction in the number of old vehicles imported 3.1 The mobile air quality monitoring is operational 	<p>Reports on air quality and noise</p> <p>Regulations on Prevention of Noise are available and published.</p> <p>Appropriate regulations to control the import of old vehicles are available and published.</p>	<p>Availability of funds, resources, expertise, equipments and infrastructures.</p>