Attachments

Attachment 1 PDM (versions 0 ~3)

Attachment 1-1 PDM version 0
Attachment 1-2 PDM version 1
Attachment 1-3 PDM version 2
Attachment 1-4 PDM version 3

Attachment 1-1 PDM version 0



Appendix 1 Draft Project Design Matrix (PDM)

Project Title: Integrated Mangrove Rehabilitation and Management Project through Community Participation in the Ayeyawady Delta

Project Duration: October 2006 - September 2011 (tentative)

Version Number: Version 0 (draft)

Target Area: Four reserved forests (Kyakankwinpauk, Pyinalan, Kadonkani, Pyindaye) in the Ayeyawady Delta

Date: 22 December 2005

Target Group

- Communities practicing community forestry in the four reserved forests (Kyakankwinpauk, Pyinalan, Kadonkani, Pyindaye) in the Ayeyawady Delta
- Community Forestry Task Force and other relevant staff from the Forest Department

| Narrative Summary | Objectively Verifiable Indicators | Means of Verification | Important Assumptions |
|---|---|---|---|
| Overall Goal: The mangrove forests are sustainably managed and poverty is alleviated among the communities in the Ayeyawady Delta. | Mangrove forest coverage increases from XX acres in 2006 to YY acres in 2016 in the project target area. Income levels of communities in the Ayeyawady Delta improve than that of 2004. | Forests resource assessment by FD (remote sensing) Agricultural Census report | |
| | | Project reports Results from the CF Impact survey Results from the CF Impact survey | -Favourable markets exist for CF productsFD's policy on the management of the four reserved forests does not change significantlySufficient financial and other resources are allocated for the sustainable management of mangrove forests. |
| and economically sustainable community forestry (CF). | | 1-1 CF management plans, monitoring reports 1-2 Project reports | No drastic increase in the population within the four reserved forests. External pressure to convert the mangrove forests to other land uses does not increase. Prices for CF products do not change significantly. |
| | 2-1 More than 80% of all registered user groups are active in CF. 2-2 New communities continue to express interest in forming CF user groups each year. | 2-1 Project reports 2-2 Project reports | |
| Some silvicultural techniques for the rehabilitation of the degraded and the management of the mangrove and its associated forests for the Ayeyawady Delta are established. | 3-1 Technical reports/ draft guidelines are prepared based on action research findings. | 3-1 Project reports | |
| A coordination mechanism is established among key sectors to address the underlying causes of mangrove deforestation in the Ayeyawady Delta. | 4-1 Interdisciplinary committee is officialized. 4-2 Specific recommendations are made and/or actions are taken by the committee. | 4-1 Authorities' letter of announcement 4-2 Meeting records | |



Inputs (Ja)

Personnel

1. Chief Advisor

se side)

2. Participatory community development

Inputs (Myanma

1. Project Director

2. Project Manager

Personnel

le)



Activities:

express interest.

-T Select villages to introduce CF from the ones that

1-2 Conduct baseline survey on the basic socio-

economic conditions of the selected communities.

-No significant natural hazards occur that

will impact the rehabilitation of mangrove

-Relevant authorities and stakeholders are

supportive to promote sustainable

diseases).

forests (e.g. cyclones, tsunami, floods, pests,

| 3-1 Conduct surveys for identification of silvicultural | - | |
|---|---|--------------------------------------|
| models for both community and non-community | | |
| forestry with respect to the eco-geographical / | | |
| nanagement zones in the Ayeyawady Delta. | | |
| 3-2 Prepare the specific action research test designs | | |
| with respect to each silvicultural model (e.g. seedling | | |
| production, planting designs and methods, thinning, | | |
| oruning, forest management). | | |
| 3-3 Plan execution of the tests. | | |
| 3-4 Prepare the facilities (e.g. nurseries). | | |
| 3-5 Prepare plots and test materials (e.g. seeds, | | |
| seedlings) and execute the test plots. | | · |
| 3-6 Conduct patrols and periodic technical monitoring | | |
| preliminary assessment. | | |
| 3-7 Prepare draft technical guidelines of some action | | |
| esearch items (e.g. species identification, nursery, seed | | , |
| collection and management, planting techniques). | | |
| 1-1 Formulate an inter-disciplinary committee | | Preconditions: |
| consisting of relevant authorities (e.g. agriculture, | | -Local communities accept CF Instruc |
| isheries, settlement and land records) at the District | | -No significant changes occur in the |
| evel to examine the underlying causes for mangrove | | Government's policy on CF. |
| leforestation in the Ayeyawady Delta. | | government's poney on or . |
| 1-2 Update the most recent land use information on | | |
| periodic basis, including overall forest resource | | |
| assessment of the region and mangrove forest | | |
| conversion. | | |
| 1-3 Conduct coordination among the committee | | |
| nembers upon demand to coordinate instructions for | | |
| he implementation of appropriate land use policies. | | 1 |
| 1-4 Organize seminars to promote synergies among the | | |
| | | 1 |
| elevant sectors for the sustainable management of the | | ì |



Attachment 1.2 PDM version 1

Attachment 1.2 PDM version 1

Draft Project Design Matrix

Target Group:

Project Title: Integrated Mangrove Rehabilitation and Management Project through Community Participation in the Ayeyawady Delta

Project Duration: April 2007 - March 2013 Version Number: 1 (draft)

Target Area: Four reserved forests (Kyakankwinpauk, Pyinalan, Kadonkani, Pyindaye) in the Ayeyawady Delta Date: 28 January 2009 -Communities practicing community forestry in the four reserved forests (Kyakankwinpauk, Pyinalan, Kadonkani, Pyindaye) in the Ayeyawady Delta

-Community Forestry Task Force and other relevant staff from the Forest Department

| Narrative Summary | Objectively Verifiable Indicators | Means of Verification | Important Assumptions |
|---|--|---|---|
| Overall Goal: The mangrove forests are sustainably managed and poverty is alleviated among the communities in the Ayeyawady Delta | Mangrove forest coverage increases from 110,000 acres (45000ha) in 2007 to 136,000 acres (55200 ha) of the total project area in 2018 note1) in the project target area. Income levels of communities in the Ayeyawady Delta improve than that of 2004 | Forests resource assessment by FD (remote sensing) Agricultural Census report | |
| Project Purpose: The communities and the mangrove forests co-exist in a sustainable manner in the selected areas where project activities were implemented within the Ayeyawady Delta. | Mangrove forest coverage increases from 110,000 acres (45000ha) in 2007 to 116,200 acre (47000 ha) note2) in 2013 in the selected areas where project activities were implemented. In more than 80% of the CF villages, the percentage of households earning less than the average income of 100,000 kyats equivalent per year (base year 2002) decrease from the base year of CF establishment. Among the CF participants supported by the Project, more than 80% consider CF useful. | 3. Results from the CF Impact survey | -Favourable markets exist for CF productsFD's policy on the management of the four reserved forests does not change significantlySufficient financial and other resources are allocated for the sustainable management of mangrove forests. |
| Outputs: 1. The selected communities practice environmentally and economically sustainable community forestry (CF). | 1-1 More than 4200 acres (1800 ha) note3) of mangrove forests are rehabilitated and managed through CF by the end of the Project. 1-2 All new active CF user groups launched during fy2009 – fy2011 under the Project gain profit from CF activities by the end of the Project. | 1-1 CF management plans, monitoring reports 1-2 Project reports | -No drastic increase in the population within the four reserved forestsExternal pressure to convert the mangrove forests to other land uses does not increase. |
| 2. The management and the support system of the Forest Department (FD) for CF is effective. | 2-1 More than 80% of all registered CF user groups members are active among CF user groups activated during FY2009 – FY2011 under the Project. 2-2 New communities continue to express interest in forming CF user groups each year. | 2-1 Project reports 2-2 Project reports | -Prices for CF products do not change significantly |
| Some silvicultural techniques for the rehabilitation of the degraded and the management of the mangrove and its associated forests for the Ayeyawady Delta are established. | 3-1 Technical reports/ draft guidelines are prepared based on action research findings. 3-2 Foundations for propelling IMMP is prepared including recovery from the damages of cyclone. | 3-1 Project reports | |
| 4. A coordination mechanism is established among key sectors to address | 4-1 Interdisciplinary committee is officialized. | 4-1 Authorities' letter of announcement | |
| the underlying causes of mangrove deforestation in the Ayeyawady Delta. | 4-2 Specific recommendations are made and/or actions are taken by the committee. | 4-2 Meeting records | |

| | Activ | ities: | Inputs (Myanmar side) | Inputs (Japanese side) | |
|-----|-------|---|------------------------------|---------------------------|------------------------------|
| | 1-1 | Select villages to introduce CF from the ones that express interest. | Personnel | Personnel | - No significant natural |
| | 1-2 | Conduct recovery survey and village profile survey based on needs and conduct baseline survey on the basic socio-economic conditions of the selected communities. | 1. Project Director | 1. Chief Advisor | hazards occur that will |
| | 1-3 | Mobilize the selected communities for user group formation and conduct introductory meetings on CF. | 2. Project Manager | 2. Participatory | impact the rehabilitation of |
| | 1-4 | Introduce participatory planning processes and land use rule for applying CFI to facilitate preparation of proposals for CF certificates and formulation of management plans | 3. Project Coordinator | community | mangrove forests (e.g. |
| | | including 1) prepare CF management map for planning land use of the village where CF Plantation, paddy, residential area, etc., and 2) setting land mark for delineate the land | 4. Field Project Manager | development | cyclones, tsunami, floods, |
| | | use | 5. CF Task Force members | 3. Mangrove | pests, diseases). |
| | 1-5 | Issue CF certificate based on the proposal | 6. Other personnel | forestry | - Relevant authorities and |
| | 1-6 | Facilitate implementations of the CF management plans of the user groups for protection related CF activities (CF river bank / coastal woodlot, CF WLS, CF paddy, etc) | mutually agreed upon as | 4. Coordinator | stakeholders are |
| | 1-7 | Implement various Mangrove CF programs to enhance the income levels of the user group in the selected villages in partnership with cooperating agencies such as | necessary | 5. Other experts | supportive to promote |
| | | Department of Fisheries, Myanma Agriculture Service, and other institutions. | | in specific fields | sustainable management |
| | 1-8 | Establish monitoring and evaluation systems for the management plans formulated by the user groups. | Land, Building and | (e.g. Extension, | of mangrove forests. |
| | 1-9 | Conduct impact survey regarding the effects of CF on the livelihoods of the selected communities. | Facilities | GIS, | |
| | 2-1 | Review the contents of the Integrated Mangrove Management Plan (IMMP) among all CF Task Force members and break down necessary activities for the first phase, by | 1. Office building and | | |
| | | each reserved forest. | , | | |
| | 2-2 | Confirm the various roles and responsibilities of the CF Task Force at each level to implement the IMMP. | ' | Forestry | |
| | 2-3 | Assess the needs of the organization related to the integrated mangrove management (e.g. financial, logistics and human resource development). | Project | Value-added | |
| | 2-4 | Review the institutional system related to the integrated mangrove management and support development of the system (new organization, mandate, budget, etc) | 2. Office space and | • | |
| | 2-5 | Develop training materials on the standard operational procedures for CF for the mangrove forests. | necessary facilities for the | ŭ | |
| | 2-6 | Train FD staff on CF and integrated mangrove management including technology exchange program at third countries through collaboration with multi or bilateral donors. | | Distribution) upon | |
| | 2-7 | Train CF user group related to the integrated mangrove management and CF activities | related staff members | mutual | |
| | 2-8 | Draft detailed standard operational procedures for CF for the mangrove forests. | Land for the action research | agreement | |
| | 3-1 | Conduct surveys for identification of silvicultural models for both community and non-community forestry with respect to the eco-geographical / management zones in the | | Machinery and | Preconditions: |
| | | Ayeyawady Delta including recovery condition of mangrove vegetation from damage of cyclone Nargis. | necessary for storage of | Equipment | - Local communities accept |
| | 3-2 | Prepare the specific action research test designs with respect to each silvicultural model (e.g. seedling production, planning designs and methods, thinning, pruning, forest | boats and vehicles | 1. Boat(s) | CF Instructions. |
| | | management). | 5. Other facilities mutually | ` ' | - No significant changes |
| | 3-3 | Prepare the facilities (e.g. nurseries) for integrated mangrove management and for attaining support recovery from damage of the cyclone Nargis. | agreed upon as necessary | 3. Other | occur in the Government's |
| | 3-4 | Prepare plots and test materials (e.g. seeds, seedlings) and execute the AR. | | equipment would | policy on CF. |
| | 3-5 | Conduct periodic technical monitoring / preliminary assessment. | Local Operational Costs | be provided if | |
| | 3-6 | Prepare draft technical guidelines based on progress of the action research activities (e.g. species identification, nursery, seed collection and management, planting | Minimum of US\$100,000 | necessary upon | |
| | | techniques). | equivalent in 5 years | mutual | |
| | 3-7 | Support recovery of Implementation Body, material supply for recovery work of damaged mangrove or development of river bank / Coastal woodlot | | agreement. | |
| | 4-1 | Formulate and inter-disciplinary committee consisting of relevant authorities (e.g. agriculture, fisheries, settlement and land records) at the District level to examine the | | | |
| | | underlying causes for mangrove deforestation in the Ayeyawady Delta. | | Training in | |
| | 4-2 | Update the most recent land use information on periodic basis, including overall forest resource assessment of the region and mangrove forest conversion. | | Japan | |
| | 4-3 | Prepare hazard map based on analysis of damage of the cyclone Nargis | | | |
| | 4-4 | Conduct coordination among the committee members upon demand to coordinate instructions for the implementation of appropriate land use policies. | | | |
| | 4-5 | Organize seminars to promote synergies among the relevant sectors for the sustainable management of the mangrove ecosystem in the Ayeyawady Delta. | | | |
| | 4-6 | Prepare material for public information | | | |
| | 4-7 | Arrange necessary coordination among donors in the integrated mangrove management. | | | |
| | 4-8 | Conduct public information for support integrated mangrove management including disaster prevention and patrol | | | |
| Not | te 1: | Estimated to be achieved IMMP phase I target of 26,000 acre-mangrove plantation at 2018 after five years of the Project completion. Will be reviewed | based on result of mid-ter | m evaluation du | ring FY2009/2010. |

Note 2: Estimated to be increased 6000 acre (4000 acre-plantation through CFI and 2000 acre-plantation through action research) of mangrove forest cover when the Project completion (fy2012). Will be reviewed based on result of mid-term evaluation during FY2009/2010.

Note 3: Estimated to be rehabilitated 200 acre of mangrove forest by each CFUSG and will be activated 22 CFUSGs under the Project

Attachment 1-3 PMD version 2

Attachment 1-3 PDM ver 2

1. Project Title: Integrated Mangrove Rehabilitation and Management Project through Community Participation in the Ayeyawady Delta

2. Project Duration: April 2007-March 2013

3. Target Area: Four reserved forests (Kyakankwinpauk, Pyinalan, Kadonkani, Pyindaye) in the Ayeyawady Delta

4. Beneficiaries: Communities practicing community forestry in the four reserved forests (Kyakankwinpauk, Pyinalan, Kadonkani, Pyindaye) in the Ayeyawady Delta & Member of

PDM version: 2

Date of approval: 14 July, 2011

Community Forestry Task Force (MCFTC) and other relevant staff from the Forest Department

| Narrative Summary | Objectively Verifiable Indicators | Means of Verification | Important Assumptions |
|--|--|--|--|
| Overall Goal: The mangrove forests are sustainably managed and poverty is alleviated among the communities in the Ayeyawady Delta | a. Mangrove forest coverage increases by X acres (Y ha) (*1) in the Target Area of the current Project. (i.e 4 RFs) within three years after the completion of the Project b. Income levels of communities in the Target Area is improved than that of 2004 | a. Forests resource assessment by FD (remote sensing) b.Agricultural Census report | |
| Project Purpose: The communities and the mangrove forests co-exist in a sustainable manner in the selected areas where project activities were implemented within the Ayeyawady Delta. | a. By the Project end, mangrove forest coverage is increased by X acres (Y ha) (*2) in the selected areas where project were implemented (i.e. CF plantation, CF-Natural Forest Improvement Operation (NFIO), and ARP sites) from the base year 2009. b. At the end of the Project, among the registered members of all the target CF user groups (CFUSGs) reselected in 2011 more than 80% consider CF useful | Project reports Results from the CF Impact survey | 1 Favourable markets exist for CF products. 2 FD's policy on the management of the four reserved forests does not change significantly. 3 Sufficient financial and other resources are allocated for the sustainable management of mangrove forests. |
| Outputs: 1. The selected communities practice environmentally and economically sustainable community forestry (CF). | By September 2011, all the CF Management Plans of the CFUSGs, reselected in March 2011, are developed/updated By the end of the Project, organizational capacity of the Management Committees (MCs) of all the target CFUSGs, reselected in 2011, reaches the Xth level of the Y evaluation rating set by the Project The certified CF Management Plans (i.e. CF plantation and NFIO) of all the target CGUSGs reselected in 2011are implemented according their annual plans By the Project end, more than -X acres (Y ha) (*3) of mangrove forests are rehabilitated and managed by the CFUSGs reselected in 2011 based on the certified CF Management Plans, including CF plantation and NFIO when applicable By the Project end, all the CFUSGs reselected in 2011 start to gain profit from CF activities determined in the certified CF Management Plans and/or income generation activities supported by the Project. | 1a: CF Management Plans, 1b-1e: Monitoring report, project report | No drastic increase in the population within the four reserved forests. External pressure to convert the mangrove forests to other land uses does not increase. |
| The management and the support system of the Forest Department (FD) for CF is effective. | By the end of the Project, capacity of X % of technical members of CF Task Force, engaged in the Project more than two years reaches the Yth level of the Z evaluation rating set by the Project for each level on CF management and extension/support on average On average, more than 80% of all registered members of the CFUSGs reselected in 2011 give the highest or medium rate on three-level rating about "degree of understanding", "degree of applicability", and "degree of satisfaction" of the CF extension they received. By the Project end, a training program for CF for mangrove forest, including materials, is developed based on the existing ones for confirmation by the DG for further action (in English & Myanmar) By the Project end, Standardized Operational Procedures (SOP) for CF for mangrove forest is developed based on the existing SOP of the FD (i.e. Departmental Instructions and CFI) for confirmation by the DG for further action (in English & Myanmar) | 2a-2d: Project reports | |
| Some silvicultural techniques for the rehabilitation and the management of the mangrove and its associated forests for the Ayeyawady Delta are established. | By the Project end, a technical report on Action Research (AR) for mangrove are prepared (in English and Myanmar) By the Project end, technical guidelines for field-level FD staff on rehabilitation and management of mangrove forests, which are developed based on AR findings, are published (in English and Myanmar) | 3a~3b: Project reports | |
| 4. A coordination mechanism is established among key sectors to address the underlying causes of mangrove deforestation in the Ayeyawady Delta. | 4a By December 2011, an inter-agency coordination meeting is organized by the FD 4b Land use information of the Target Area is updated based on the satellite images of 2007, 2009 and 2012. 4c The updated land use information is shared at the inter-agency coordination meetings for discussion. 4d Seminars to promote synergy among the relevant sectors are organized annually 4e A donor/NGO coordination meeting for the Target Area organized by the FD once a year | 4aMeeting records 4b:Land use maps 4c: Meeting records 4d: Project reports 4e: Meeting records | |
| X (Additional Output after the Cyclone Nargis in May 2008) Recovery from damage of Cyclone Narigis is promoted. | Xa By March 2009, a hazard map of the Target Area is developed based on the latest satellite images (2009) for distribution to the local communities Xb By March 2010, a report on damage & recovery survey on the communities in the Target Area is prepared Xc By March 2010, Centre for CF Extension & Nursery in each RF is rehabilitated. Xd In 2009 & 2010, materials necessary for disaster recovery or prevention work are provided to the FD and the Cooperating Agencies based on the needs Xe By December 2011, a report on recovery condition of mangrove vegetation (2008-2010) is prepared | Xa:Hazard map, Xb-e:project reports | |

Activities:

- 1-1 Select villages to introduce CF from the ones that express interest.
- 1-2 Conduct baseline survey on the basic socio-economic conditions of the selected villages.
- 1-3 Organize/reorganize CFUSGs in the selected villages
- 1-4 Assist the CFUSGs in preparing/updating their CF Management Plans and proposals for CF certificates through participatory planning process
- 1-5 Issue CF certificates to the CFUSGs based on the proposals as per the CF Instruction (CFI)
- 1-6 Assist the CFUSGs in implementing the certified CF Management Plans
- 7 Implement various capacity strengthening programs to enhance the income levels of the CFUSGs in partnership with Cooperating Agencies such as Department of Fisheries (DOF), Myanma Agriculture Service (MAS), and other institutions.
- 1-8 Monitor and evaluate the implementation of the certified CF Management Plans
- 1-9 Conduct impact survey regarding the effects of CF on the livelihoods of the members of the CFUSGs.
- 2-1 Identify necessary activities for CF management (*4) and CF extension & support(*5) by each Reserve Forest (RF) based on review of the CF contents of the Integrated Management Plan (IMMP).
- 2-2 Confirm the seroles and responsibilities of the technical members of CF Task Force (technical MCFTF)(*6) for the identified activities
- 2-3 Assess the needs of the technical MCFTF (e.g., financial, logistics and human resource development needs) to implement the identified activities
- 2-4 Develop training plan & materials based on the assessment of the human resource development needs conducted in 2.3.
- 2-5 Train the technical MCFTF according to the plan
- 2-6 Construct/renovate the CF Extension Center & Nursery in each RF
- 2-7 Provide extension services and support to the CFUSGs in each RF
- 2-8 Carry out public awareness campaigns regarding CF and the conservation of mangrove forests
- 2-9 Draft detailed SOP for CF for the mangrove forests based on the existing SOP of the FD (i.e. Departmental Instructions) and feedback from the Project activities
- 3-1 Conduct surveys for identification of silvicultural techniques for both community and non-community forestry with respect to the eco-geographical / management zones in the Avevawady Delta
- 3-2 Prepare the specific Action Research (AR) test designs for each of the identified silvicultural technique (e.g. seedling production, planning designs and methods, thinning, pruning, forest management).
- 3-3 Execute the AR in each RF
- 3-4 Conduct periodic technical monitoring / preliminary assessment on the AR plantation (ARP)
- 3-5 Prepare a technical report on action research (AR) for mangrove in English and Myanmar
- 3-6 Develop technical guidelines for rehabilitation and management of mangrove forests based on the findings of the AR
- 4-1 Organize an inter-agency coordination meeting, consisting of relevant authorities (e.g. agriculture, fisheries, settlement and land records) at the Regional level to examine the underlying causes for mangrove deforestation in the Ayeyawady Delta.
- 4-2 Update the land use information on periodic basis based on the up-to-date satellite images for discussion by the coordination meeting members, including overall forest resource assessment of the region and mangrove forest conversion.
- 4-3 Organize seminars to promote synergies among the relevant sectors for the sustainable management of the mangrove ecosystem in the Ayeyawady Delta
- 4-4 Organize a coordination meeting with donors/NGOs active in the Target Area at District Level
- X-1 Prepare a hazard map based on analysis of damage of the cyclone Nargis
- X-2 Conduct quick damage &recovery survey in the Target Area
- X-3 Conduct village profile survey in the Target Area
- X-4 Conduct survey for recovery condition of mangrove vegetation from damage of Cyclone Nargis in the Target Area.
- X-5 Rehabilitate the CF Extension Center and Nursery in each RF including facility with cyclone-proof structure
- X-6 Support recovery or disaster prevention work of Implementation and Cooperative Organizations in the Target Area through material supply
- X-7 Conduct public awareness activities on disaster prevention in the Target Area
- X-8 Arrange necessary coordination among donors in the integrated mangrove management

<u>Inputs</u>

<Myanmar Side>

Personnel (Members of CF Task Force: MCFTF)

- 1. Project Director
- 2. Project Manager
- Project Coordinator
 Field Project Manager
- 5. Other MCFTF
- 6. Other personnel mutually agreed upon as necessary

and, Building and Facilities

- Office building and facilities necessary for the implementation of the Project
- Office space and necessary facilities for the Japanese experts and related staff members
- 3. Land for the action research
- 4. Jetty and space necessary for storage of boats and vehicles
- 5. Other facilities mutually agreed upon as necessary

Local Operational Costs

Minimum of US\$100,000 equivalent in 5 years

<Japanese Side> Personnel

- 1. Chief Adviso
- 2. Participatory community development
- 3. Mangrove forestry
- Coordinator
- Other experts in specific fields (e.g. Extension, GIS, Agro-forestry, Fish culture, Forestry Value-added Production, Marketing and Distribution) upon mutual agreement

Machinery and Equipment

- 1. Boat(s)
- Vehicle(s)
 Other equipment would be provided if necessary upon mutual agreement.

Training in Japan

Local Costs

1 No significant natural hazards occur that will impact the rehabilitation of mangrove forests (e.g. cyclones, tsunami, floods, pests, diseases).

2 Relevant authorities and stakeholders are supportive to promote sustainable management of mangrove forests

Pre-Conditions

- 1 No significant natural hazards occur that will impact the rehabilitation of mangrove forests (e.g. cyclones, tsunami, floods, pests, diseases).
- 2 Relevant authorities and stakeholders are supportive to promote sustainable management of mangrove forests

(*7)As-yet unspecified planned value such as X, Y, Z, will be specified by March 2012. (*1): The figure would be further reviewed and finalized in developing the post-project strategy. (*2): The planned value will be determined, reflecting the actual plans delineated in the CF Management Plans of the CFUSGs reselected in 2011 and Action Research as well as the area rehabilitated during 2009-2010 by the CFUSGs which were not reselected. (*3): The planned value will be determined, reflecting the actual plans delineated in the CF Management Plans of the CFUSGs reselected in 2011.. (*4): "CF management" by FD is defined as planning, supervision, monitoring and evaluation, and data organization and analysis of the activities related to CF. "CF support" consists of extension service and extension support to CF.. (*5): "CF extension services" may include organization of the CFUSGs, strengthening of the organizational/management capacity of CFUSGs, provision of technical support for preparation and implementation of the CF Management Plans and income generation activities of CFUSGs, etc. "CF extension support" is defined as material support to CFUSGs, which include provision of seedlings for CF plantation delineated in the CF Management Plans, making the facilities of the CFUSGs.

Attachment 1-4 PMD version 3

Attachment 1-4 PDM ver 3

- 1. Project Title: Integrated Mangrove Rehabilitation and Management Project through Community Participation in the Ayeyawady Delta
 2. Project Duration: April 2007-March 2013
 3. Target Area: Four reserved forests (Kyakankwinpauk, Pyinalan, Kadonkani, Pyindaye) in the Ayeyawady Delta
 4. Beneficiaries: Communities practicing community forestry in the four reserved forests (Kyakankwinpauk, Pyinalan, Kadonkani, Pyindaye) in the Ayeyawady Delta & Member of Community
 Forestry Task Force (MCFTC) and other relevant staff from the Forest Department

| Narrative Summary | Objectively Verifiable Indicators | Means of | Important Assumptions |
|--|---|--|--|
| | | Verification | |
| Overall Goal: The mangrove forests are sustainably managed and poverty is alleviated among the communities in the Ayeyawady Delta | a. Mangrove forest coverage increases by 10,000 acres (4,050ha) (*1) in the Target Area of the current Project. (i.e 4 RFs) within three years after the completion of the Project b. Income levels of communities in the Target Area is improved than that of 2004 | a. Forests resource assessment by FD (remote sensing) b.Agricultural Census report | |
| Project Purpose: The communities and the mangrove forests co-exist in a sustainable manner in the selected areas where project activities were implemented within the Ayeyawady Delta. | a. By the Project end, mangrove forest coverage is increased by 3,550 acres (1,438 ha) (*2) in the selected areas where project were implemented (i.e. CF plantation, CF-Natural Forest Improvement Operation (NFIO), and ARP sites) from the base year 2009. b. At the end of the Project, among the registered members of all the target CF user groups (CFUSGs) reselected in 2011 more than 80% consider CF useful | a. Project reports b. Results from the CF Impact survey | 1 Favourable markets exist for CF products. 2 FD's policy on the management of the four reserved forests does not change significantly. 3 Sufficient financial and other resources are allocated for the sustainable management of mangrove forests. |
| Outputs: 1. The selected communities practice environmentally and economically sustainable community forestry (CF). | By September 2011, all the CF Management Plans of the CFUSGs, reselected in March 2011, are developed/updated By the end of the Project, organizational capacity of the Management Committee of all target CFUSGs reaches the 3rd level (meaning that they achieve more than half of the fill fulfillment) of the evaluation rating composing of five achievement levels set by the Project. The certified CF Management Plans (i.e. CF plantation and NFIO) of all the target CGUSGs reselected in 2011are implemented according their annual plans By the Project end, more than 1,460 acres (591ha) (*3) of mangrove forests are rehabilitated and managed by the CFUSGs reselected in 2011 based on the certified CF Management Plans, including CF plantation and NFIO when applicable By the Project end, all the CFUSGs reselected in 2011 start to gain profit from CF activities determined in the certified CF | 1a: CF Management Plans, 1b~1e: Monitoring report, project report | No drastic increase in the population within the four reserved forests. External pressure to convert the mangrove forests to other land uses does not increase. |
| The management and the support system of the Forest Department (FD) for CF is effective. | Management Plans and/or income generation activities supported by the Project. By the end of the Project, capacity of 80% of technical members of CF Task Force engaged in the Project more than two years reaches the 4th level (meaning that they achieve more than 75% of full fulfillment) of the evaluation rating composing of five achievement levels set by the Project. Do naverage, more than 80% of all registered members of the CFUSGs reselected in 2011 give the highest or medium rate on three-level rating about "degree of understanding", "degree of applicability", and "degree of satisfaction" of the CF extension they received. By the Project end, a training program for CF for mangrove forest, including materials, is developed based on the existing ones for confirmation by the DG for further action (in English & Myanmar) By the Project end, Standardized Operational Procedures (SOP) for CF for mangrove forest is developed based on the existing SOP of the FD (i.e. Departmental Instructions and CFI) for confirmation by the DG for further action (in English & Myanmar) | 2a-2d: Project reports | |
| Some silvicultural techniques for the rehabilitation and the management of the mangrove and its associated forests for the Ayeyawady Delta are established. A coordination mechanism is established among key sectors to address the underlying causes of mangrove deforestation in the Ayeyawady Delta. X (Additional Output after the Cyclone Nargis in May 2008) Recovery from damage of Cyclone Narigis is promoted. | SUP of the PD (i.e. Departmental instructions and CFI) for confirmation by the DG for further action (in English & Myanmar) 3a By the Project end, a technical report on Action Research (AR) for mangrove are prepared (in English and Myanmar) 3bBy the Project end, technical guidelines for field-level FD staff on rehabilitation and management of mangrove forests, which are developed based on AR findings, are published (in English and Myanmar) 4a By December 2011, an inter-agency coordination meeting is organized by the FD 4b Land use information of the Target Area is updated based on the satellite images of 2007, 2009 and 2012. 4c The updated land use information is shared at the inter-agency coordination meetings for discussion. 4d Seminars to promote synergy among the relevant sectors are organized annually 4e Adonor/NGO coordination meeting for the Target Area organized by the FD once a year Xa By March 2009, a hazard map of the Target Area is developed based on the latest satellite images (2009) for distribution to the local communities Xb By March 2010, a report on damage & recovery survey on the communities in the Target Area is prepared Xc By March 2010, Centre for CF Extension & Nursery in each RF is rehabilitated. Xd In 2009 & 2010, materials necessary for disaster recovery or prevention work are provided to the FD and the Cooperating Agencies based on the needs Xe By December 2011, a report on recovery condition of mangrove vegetation (2008-2010) is prepared | 3a~3b: Project reports 4aMeeting records 4b:Land use maps 4c: Meeting records 4d: Project reports 4e: Meeting records Xa:Hazard map, Xb-e:project reports | |

Date of approval: 3 May, 2012

Activities:

- Select villages to introduce CF from the ones that express interest.
- 1-2 Conduct baseline survey on the basic socio-economic conditions of the selected villages.
- Organize/reorganize CFUSGs in the selected villages 1-3
- Assist the CFUSGs in preparing/updating their CF Management Plans and proposals for CF certificates through participatory planning process
- 1-5 Issue CF certificates to the CFUSGs based on the proposals as per the CF Instruction (CFI)
- Assist the CFUSGs in implementing the certified CF Management Plans
- Implement various capacity strengthening programs to enhance the income levels of the CFUSGs in partnership with Cooperating Agencies such as Department of Fisheries (DOF), Myanma Agriculture Service (MAS), and other institutions.
- Monitor and evaluate the implementation of the certified CF Management Plans
- Conduct impact survey regarding the effects of CF on the livelihoods of the members of the CFUSGs.
- Identify necessary activities for CF management (*4) and CF extension & support(*5) by each Reserve Forest (RF) based on review of the CF contents of the Integrated Mangrove Management Plan (IMMP).
- Confirm the s roles and responsibilities of the technical members of CF Task Force (technical MCFTF)(*6) for the identified activities
- Assess the needs of the technical MCFTF (e.g. financial, logistics and human resource development needs) to implement the identified activities
- 2-4 Develop training plan & materials based on the assessment of the human resource development needs conducted in 2.3.
- Train the technical MCFTF according to the plan 2-5
- Construct/renovate the CF Extension Center & Nursery in each RF 2-6
 - Provide extension services and support to the CFUSGs in each RF
- Carry out public awareness campaigns regarding CF and the conservation of mangrove forests 2-8
- Draft detailed SOP for CF for the mangrove forests based on the existing SOP of the FD (i.e. Departmental Instructions) and feedback 2-9
- from the Project activities

 Conduct surveys for identification of silvicultural techniques for both community and non-community forestry with respect to the eco-geographical / management zones in the Ayeyawady Delta
- Prepare the specific Action Research (AR) test designs for each of the identified silvicultural technique (e.g. seedling production, planning designs and methods, thinning, pruning, forest management).
- Execute the AR in each RF 3-3
- Conduct periodic technical monitoring / preliminary assessment on the AR plantation (ARP) 3-4
- Prepare a technical report on action research (AR) for mangrove in English and Myanmar
- Develop technical guidelines for rehabilitation and management of mangrove forests based on the findings of the AR
- Organize an inter-agency coordination meeting, consisting of relevant authorities (e.g. agriculture, fisheries, settlement and land records) at the Regional level to examine the underlying causes for mangrove deforestation in the Ayeyawady Delta.
- Update the land use information on periodic basis based on the up-to-date satellite images for discussion by the coordination meeting members, including overall forest resource assessment of the region and mangrove forest conversion.
- Organize seminars to promote synergies among the relevant sectors for the sustainable management of the mangrove ecosystem in the Avevawady Delta.
- Organize a coordination meeting with donors/NGOs active in the Target Area at District Level
- Prepare a hazard map based on analysis of damage of the cyclone Nargis
- X-2 Conduct guick damage &recovery survey in the Target Area
- Conduct village profile survey in the Target Area
- X-4 Conduct survey for recovery condition of mangrove vegetation from damage of Cyclone Nargis in the Target Area.
- Rehabilitate the CF Extension Center and Nursery in each RF including facility with cyclone-proof structure
- Support recovery or disaster prevention work of Implementation and Cooperative Organizations in the Target Area through material supply
- Conduct public awareness activities on disaster prevention in the Target Area X-7
- Arrange necessary coordination among donors in the integrated management

Inputs <Mvanmar Side>

Personnel (Members of CF Task Force: MCFTF)

- Proiect Director
- 2. Project Manager
- 3. Project Coordinator
- 4. Field Project Manager
- 5. Other MCFTF
- 6. Other personnel mutually agreed upon as necessary

Land, Building and Facilities

- 1. Office building and facilities necessary for the implementation of the Project
- 2. Office space and necessary facilities for the Japanese experts and related staff members 3. Land for the action research
- 4. Jetty and space necessary for storage of boats and vehicles
- 5. Other facilities mutually agreed upon as necessary

Local Operational Costs

Minimum of US\$100,000 equivalent in 5 years

<Japanese Side>

Personnel

- 1. Chief Advisor
- 2. Participatory community development
- 3. Mangrove forestry
- 4. Coordinator
- 5. Other experts in specific fields (e.g. Extension, GIS, Agro-forestry, Fish culture, Forestry Value-added Production. Marketing and Distribution) upon mutual agreement

Machinery and Equipment

- 1. Boat(s)
- 2. Vehicle(s)
- 3. Other equipment would be provided if necessary upon mutual agreement.

Training in Japan

Local Costs

natural hazards occur that will impact the rehabilitation of mangrove forests cyclones. (e.g. tsunami, floods. pests, diseases). 2 Relevant authorities

significant

1 No

and stakeholders are supportive to promote sustainable management mangrove forests

Pre-Conditions

- 1 Local communities accept CF instructions
- 2 No significant changes occur in the Government's policy on CF

(*1) Based on Laputta and Pyar Pon District Management Plans (2011/12-2020/21). (*2): The area reflecting the CF area delineated in the CF Management Plans of the CFUSGs reselected in 2011 and outer boundary. areas of Action Research Plantation Plots as well as the area rehabilitated during 2009-2010 by the CFUSGs which were not reselected. (*3): The CF areas 1.460 acres (as of April 2012) including plantation areas and natural forest area in the six CF Management Plans of the CFUSGs reselected in 2011. (*4): "CF management" by FD is defined as planning, supervision, monitoring and evaluation, and data organization and analysis of the activities related to CF. "CF support" consists of extension service and extension support to CF.. (*5). "CF extension services" may include organization of the CFUSGs, strengthening of the organizational/management capacity of CFUSGs, provision of technical support for preparation and implementation of the CF Management Plans and income generation activities of CFUSGs, etc. "CF extension support" is defined as material support to CFUSGs, which include provision of seedlings for CF plantation delineated in the CF Management Plans, making the facilities of the CF Extension and Nursery available to the CFUSG

Attachment 2 PO, DPO

Attachment 2-1 PO version 0
Attachment 2-2 PO version 1
Attachment 2-3 PO version 2
Attachment 2-4 DPO

Attachment 2-1 PO version 0

Attachment 2-1 PO version 0

Appendix 2 Draft Plan of Operation (PO)

22 December 2005 Project Title: Integrated Mangrove Rehabilitation and Management Project through Community Participation in the Ayeyawady Delta Duration: October 2006-September 2011 (tentative)

FY 2009 Conduct baseline survey on the basic socio-economic conditions of the selected communities. Review the contents of the Integrated Mangrove Management Plan (IMMP) among all CF Task Force members and break down necessary activities for the first phase, by each reserved forest. Conduct impact survey regarding the effects of CF on the livelihoods of Establish monitoring and evaluation systems for the management plans Confirm the various roles and responsibilities of the CF Task Force at each level to implement the IMMP. Develop training materials on standard operational procedures for CF for the mangrove forests. Facilitate implementation of the management plans formulated by the Introduce participatory planning processes for the user groups on CF is facilitate preparation of proposals for CF certificates and formulation . The management and the support system of the Forest Department for $\ensuremath{\mathbb{R}}$ is effective. user groups in the selected villages in partnership with cooperating agencies such as Department of Fisheries, Myanma Agriculture Servi Implement various programmes to enhance the income levels of the user groups in the selected villages in partnership with cooperating . The selected communities practice environmentally and economically ustainable community forestry (CF). Organize meetings to assess various socio-economic needs of the selected communities and design programmes to strengthen their Select villages to introduce CF from the ones that express interest Mobilize the selected communities for user group formation and Assess the needs of the CF Task Force members (e.g. financial, logistics and human resource development). Train field level staff on CF extension services and support. neetings on CF. formulated by the user groups conduct introductory and other institution user groups.



(h)

| | FY 2006 | FY 2007 | FY 2008 | FY 2009 | FY 2010 | FY 2011 | |
|---|--|----------------------------|------------------------------|---------------------------------------|----------------------------|--------------------------|-------|
| | 4 [5 6 7 8 9 10 11 12 1 2 | 3 4 5 6 7 8 9 10 11 12 1 2 | 3 4 5 6 7 8 9 10 11 12 1 2 3 | 4 5 6 7 8 9 10 11 12 1 2 | 3 4 5 6 7 8 9 10 11 12 1 2 | 2 3 4 5 6 7 8 9 10 11 12 | 1 2 3 |
| Pacifitate the Forest Department to carry out public information campaigns regarding CF and the conservation of mangrove forests. | | | | | | | |
| $2.7 \qquad \text{Draft detailed standard operational procedures for CF for the mangrove forests.}$ | e e | | | | | | |
| Some silvicultural techniques for the rebabilitation of the degraded and the management of the mangrove and its associated forests for the Ayeyawady Delta are established. | | | | | | | |
| Conduct surveys for identification of silvicultural models for both community and non-community forestry with respect to the eco-geographical / management zones in the Ayeyawady Delta | | | | | | | |
| Prepare the specific action research test designs with respect to each silvicultural model (e.g. seedling production, planting designs and methods, thinning, pruning, forest management). | | | | | | | |
| 3-3 Plan execution of the tests. | | | | | | | |
| 3.4 Prepare the facilities (e.g. nurseries). | | | | | | | |
| 3-5 Prepare plots and test materials (e.g. seeds, seedlings) and execute the test plots. | | | | | | | |
| 3-6 Conduct patrols and periodic technical monitoring /preliminary assessment. | | | | 28 28 22 24 23 A A T 22 A | | | |
| Prepare draft technical guidelines of some action research items (e.g. 3-7 species identification, nursery, seed collection and management, planting techniques). | | | | | | | |
| 4. A coordination mechanism is established among key sectors to address the underlying causes of mangrove deforestation in the Ayeyawady Delta. | 9 | | | | | | |
| Formulate an inter-disciplinary committee consisting of relevant authorities (e.g. agriculture, fisheries, settlement and land records) at the District jevel to examine the underlying causes for mangrove deforestation in the Ayeyawady Delta. | | | | | 2 | | |
| Update the most recent land use information on periodic basis, including overall forest resource assessment of the region and mangrove forest conversion. | | | | | | | |
| Conduct coordination among the committee members upon demand to coordinate instructions for the implementation of appropriate land use policies. | 0 | | | | | | |
| Organize seminars to promote syrergies among the relevant sectors for the sustainable management of the mangrove ecosystem in the Ayeyawady Delfa. | | | | | | | |

3:



Attachment 2.2 PO version 1

Attachment 1.2-2: PO version 1

Project title: The Integrated Mangrove Rehabilitation and Management Project through Community Participation in the Ayeyawady Delta

Duration: April 2007 - March 2013 (Tentative)

| Duration: April 2007 - March 2013 (Tentative) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 Januar | y 2009 |
|--|---|-------------------------|-------|-------|----------|-----|---------|-------|-------|---------|-----|---------|-----|--------|---------|-----|-------|-----|--------|-------|-----|-------|-----|-------|--------|-------|-----|-------|-------|----------|---------|
| Output and Activities | Responsib | | | | 2007 | | | | FY20 | | | | | FY20 | 09 | | | | FY20 | | | | | FY20 | | | | | | 2012 | |
| 1 The selected communities practice environmentally and economically | Myanmar Side | Japanese | 4 5 6 | 7 8 9 | 10 11 12 | 1 2 | 3 4 : | 5 6 7 | 8 9 1 | 0 11 12 | 1 2 | 3 4 5 | 6 7 | 8 9 10 | 0 11 12 | 1 2 | 3 4 5 | 6 7 | 8 9 10 | 11 12 | 1 2 | 3 4 5 | 6 7 | 8 9 1 | 0 11 1 | 2 1 2 | 3 4 | 5 6 7 | 7 8 9 | 10 11 12 | 2 1 2 3 |
| sustainable community forestry (CF). | | | | | Ш | | Ш | Ш | | | | Ш | | | | | Ш | | | | | | | Ш | Ш | | Ш | | Ш | Ш | Ш |
| 1-1 Select villages to introduce CF from the ones that express interest. | Township FD | | | | | | Ш | Ш | | | | Ш | Ш | | Ш | | | | | Ш | | Ш | | Ш | | | | | Ш | | Ш |
| 1-2 Conduct recovery survey and village profile survey based on needs and conduct baseline survey on the basic socio-economic conditions of the selected communities. | | PCD, MF, MA | , | | | | | | | | | П | ı | | | | | | | | | | | | | | | | | | |
| 1-3 Mobilize the selected communities for user group formation and conduct introductory meetings on CF. | District / Township FD | PCD, MF, FC | , | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1-4 Introduce participatory planning processes and land use rule for applying CFI to facilitate preparation of proposals for CF certificates and formulation of management plans including 1) prepare CF management may for planning land use of the village where CF Plantation, paddy, residential area, etc., and 2) setting land mark for delineate the land use | Township FD and SLRD | PCD, MF, AF, FC, GIS | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1-5 Issue CF certificate based on the proposal | Division / District / Township FD | PCD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1-6 Facilitate implementations of the CF forestry activities based on the management plans | District / Township FD | PCD, MF | | | | | П | | | | | \prod | | | | | | | | | | | | | | | | | | | |
| 1-7 Implement various Mangrove CF programs to enhance the income levels of the user group in the selected villages in partnership with cooperating agencies such as Department of Fisheries, Myanma Agriculture Service, and other institutions. | District and | PCD, AF, FC, MA | , | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1-8 Establish monitoring and evaluation systems for the management plans formulated by the user groups. | Township FD | PCD, MA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1-9 Conduct impact survey regarding the effects of CF on the livelihoods of the selected communities. | f District / Township FD | PCD, MF, AF, FC, MA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2. The management and the support system of the Forest Department (FD) for CF is effective. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-1 Review the contents of the Integrated Mangrove Management Plan (IMMP) among all CF Task Force members and break down necessary activities for the first phase, by each reserved forest. | - | PCD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-2 Confirm the various roles and responsibilities of the CF Task Force a each level to implement the IMMP. | and District | PCD | | | | | | | | | | | | | | | | | | | | | | | | | | | Ш | Ш | |
| 2-3 Assess the needs of the organization related to the integrated mangrove management (e.g. financial, logistics and human resource development). | District / Township FD | PCD, MF, AF, FC | , | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-4 Review the institutional system related to the integrated mangrove management and support development of the system (new organization mandate, budget, etc) | l e | PCD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-5 Develop training materials on the standard operational procedures for CF for the mangrove forests. | District / Township FD | ET, PCD, MF, AF, FC | , | | | | \prod | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-6 Train FD staff on CF and integrated mangrove management including technology exchange program at third countries through collaboration with multi or bilateral donors. | Township FD | | , | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-7 Train CF user group related to the integrated mangrove managemen and CF activities | Township FD | | | | | | Ш | Ш | | | | Ш | | | | | | | | | | | | | | | Ш | | | | |
| 2-8 Draft detailed standard operational procedures for CF for the mangrove forests. | District / Township FD | ET, PCD, MF, AF, FC | , | | | | | | | | | | | | | | | | | | | | | | | | | | | Ш | |

Project title: The Integrated Mangrove Rehabilitation and Management Project through Community Participation in the Ayeyawady Delta

| Duration: April 2007 - March 2013 (Tentative) | |
|---|--|
| | |
| | |

| | Responsib | le Parties | | F | 72007 | | | | F | Y2008 | | | | | FY20 | 009 | | | |] | FY201 | 0 | | | | F | Y2011 | | | T | | FY | 72012 | | _ |
|---|--|------------|-------|-----|---------|--------|-----|-----|-----|---------|------|-----|-----|-----|-------|------|--------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-------|-------|-----|-----|-----|-----|---------|-------|---|
| Output and Activities | Myanmar Side | Japanese | 4 5 6 | 7 8 | 9 10 11 | 12 1 2 | 3 4 | 5 6 | 7 8 | 9 10 11 | 12 1 | 2 3 | 4 5 | 6 7 | 8 9 1 | 0 11 | 12 1 2 | 2 3 4 | 1 5 0 | 5 7 8 | 9 10 | 11 12 | 1 2 | 3 4 | 5 6 | 7 8 | 9 10 | 11 12 | 1 2 | 3 4 | 5 6 | 7 8 | 9 10 1 | 11 12 | 1 |
| 3. Some silvicultural techniques for the rehabilitation of the degraded and the management of the mangrove and its associated forests for the Avevawady Delta are established. | • | · | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | Ī |
| 3-1 Conduct surveys for identification of silvicultural models for both community and non-community forestry with respect to the ecogeographical / management zones in the Ayeyawady Delta including recovery condition of mangrove vegetation from damage of cyclone Nargis. | | MF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3-2 Prepare the specific action research test designs with respect to each silvicultural model (e.g. seedling production, planning designs and methods, thinning, pruning, forest management). | | MF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 0 11 | Township FD | GIS, ET | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | \prod | | I |
| | Township FD | MF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3-5 Conduct periodic technical monitoring / preliminary assessment | District / Township FD | MF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3-6 Prepare draft technical guidelines based on progress of the action research activities (e.g. species identification, nursery, seed collection and management, planting techniques). | Township FD | MF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3-7 Support recovery of Implementation Body, material supply for recovery work of damaged mangrove or development of river bank / Coastal woodlot | | PCD, MF | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4. A coordination mechanism is established among key sectors to address the underlying causes of mangrove deforestation in the | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4-1 Formulate and inter-disciplinary committee consisting of relevant authorities (e.g. agriculture, fisheries, settlement and land records) at the District level to examine the underlying causes for mangrove deforestation in the Ayeyawady Delta. | and District | PCD | | | | I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4-2 Update the most recent land use information on periodic basis, including overall forest resource assessment of the region and mangrove forest conversion. | | GIS, PCD | | | | I | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4-3 Prepare hazard map based on analysis of damage of the cyclone Nargis | HQ / District FD | GIS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4-4 Conduct coordination among the committee members upon demand to coordinate instructions for the implementation of appropriate land use policies. | District and Township FD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4-5 Organize seminars to promote synergies among the relevant sectors for the sustainable management of the mangrove ecosystem in the Ayeyawady Delta. | | PCD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4-6 Prepare material for public information | HQ, Division, District and Township FD | ET, PCD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4-7 Arrange necessary coordination among donors in the integrated mangrove management. | HQ, Division, District and Township FD | PCD | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| management including disaster prevention and patrol | HQ, Division, District and Township FD | PCD | | | | | | | | | | | | | | | | | | | | | | | | | | T | | Ħ | | | | | Ī |

Note: Chief Adviser is charged to all activities, PCD: Participatory Community Development, AF: Agroforestry, FC: Fish Culture, ET: Extension and Training, MA: Marketing

Attachment 2-3 PO version 2

14 July, 2011 PO2 1/4

| 14 July, 2011 | | | | | | | | | | P | O2 | | | | | | | | | | | 1/4 |
|---|--|-----------------------------|--------------|--------------|-------|-----------|-------|-------|-------------|--------------|--------|------------|------|----------------|-----|-----|-----|--------------------------------|---|---|-------------------|-----------------------|
| | Expected Results During Project Period | 200 | 7 T | 20 | 08 | Т | 2009 | | Sche | dule 2010 | 0 | Т | 2011 | | - 2 | 012 | Te: | 3 | | Other Major Inp | uts | |
| Activity as per PDM2 | | MFY/J Apr. 3ú 3an Sep | FY200 | 7 | FY200 | S Jen- | F | 72009 | Jun- Mar | Apr. Ma | Y 2010 | Jen Mar | F | 72011 0 0 a | | FY2 | | Person in charge | Implementers | Japanese | Myanmar | Rem arks |
| Output 1: The selected communities practice environmentally and forestry (CF). | economically sustainable community | | | Cycle Nag | | П | | | П | | T | П | | | T | П | | Project Manager (PM): | | JE: Chief Advisor (CA) | | |
| Select villages to introduce CF from the ones that express interest | Villages selected for CF by the project (list of selected villages) | Before | e Nangio | | | Bate | thI | В | atch II | 5 | | | | П | | | | Field Project Manager(FPM): | SOs(LPT, BGL, PYP), ROs, DROs, Foresters (KDK, KKK, PND, PNL) | JE: PCD (participatory community development), CA | | |
| 1.1.1 Confirm interest and willingness of villages and select villages for the Project | | + | П | | | | | F | | | | | | | | | | ditto | ditto | átto | Initial plan /Ca | intinuous activities) |
| 1.1.2 Reconfirm interest and willingness of selected villages | Result of reconfirmation at 12 villages, villagers' consent at 6 villages (memo of meeting) | | Ш | ı | | | | | | | | П | Ť | Ш | | | | ditto | ditto | átto 💶 🗆 🗆 | Initial plan (Int | ermittent activities) |
| 1.1.3 Re-select villages to be covered in the Project | 6 will ages re-selected for the project | | \mathbf{H} | | _ | | | | Н | | _ | Н | | Н | _ | Н | | FPM | SOs(LPT, BGL, PYP), | átto | | |
| Conduct baseline survey on the basic socio-economic conditions of the selected villages | Results of survey to contribute to monitoring progress/impact of Project (Compiled result of survey) | Be | flore N az | pis . | | | | | | | | | | П | | | | FPM | ROs, DROs, Foresters (KDK, KKK, PND, PNL) | JE: PCD, project staff LC: Baseline and market survey (Contract work) | | |
| 1.2.1 Conduct baseline survey on the basic socio-economic conditions of the selected villages | Compiled result of survey | + | П | | | | | | | | | | | П | | | | ditto | ditto | ditto | | |
| 1.2.2 Review basic socio-economic conditions of re-selected villages | Reviewed socio-economic conditions of 6 willages re-selected. (prepared records / reports) | | П | | | | | | | | | | | | | | | ditto | ditto | ditto | | |
| 1.2.3 Reconduct survey for CF usefulness and household income of re-selected villages (based on necessity) | Compiled result of survey | | П | | | | | | | | | | | • ' | | | | FPM: | ditto | átto | | |
| 1.3 Organize/reorganize CFUSGs in the selected villages | Panctional CFUSGs organized/ reorganized (Existence of CFUSG/ MC member lists and bylaws) | | | | F | I S CFU | 15 Ga | | IX | TUSG | T | | | П | | | | FPM | SOs(LPT, BGL, PYP), ROs, DROs, Foresters (KDK,KKK,PND,PNL) | JE: PCD, project staff | | |
| 1.3.1 Elect Management Committee (MC) | 6 MCs elected | | | | | | - 1 | | | | | | | П | | | | ditto | ditto | ditto | | |
| 1.3.2 Register members | Members of 6 CFUSGs registered | | | | | | | | | | | | | | | | | ditto | ditto | á:tto | | |
| 1.3.3 Develop by-laws | By-laws developed by 6 CFUSGs | | | | | | | | | | | | | | | | | ditto | ditto | ditto | | |
| 1.3.4 Reconfirm status of CFUSGs in re-selected villages and reorganize CFUSGs | MC elected, members registered and by- laws developed in 6 CFUSGs | Befor | re Nargis | | | | | | | | | | + | | | | | SOs (LPT, BGL, PYP) | ROs, DROs, Foresters (KDK, KKK, PND, PNL) | ditto | | |
| 1.4 Assist the CFUSGs in preparing/updating their CF Management. Plans and proposals for CF certificates through participatory planning process | CF MPs which enable sustainable CF activities to be prepared in selected willages | | H | • | | ŀ | • | • | 1 | 1 | • | • | • | • | | | | FPM | SOs(LPT, BGL, PYP), ROs, DROs, Foresters (KDK,KKK,PND,FNL) | JE: PCD, Project Staff LC: operation cost | | |
| 1.4.1 Review the Management Plan (MP) developed by the Project and make necessary updates | 4 CFMPs reviewed and updated | | П | | | | | | | | | | | t | | | | ditto | ditto | JE: PCD, GIS, MF (mangrove forestry) | | |
| 1.4.2 Update the pre-existing MP | 2 CFMP updated | | | | | | | | | | | | | | | | | ditto | ditto | JE: PCD, GIS, MF | | CFUSGs at Pyinalan RF |
| 1.5 Issue CF certificates to the CFUSGs based on the proposals as per the CF Instruction (CFI) | 6 CFUSGs issued/re-issued CF certificates | | П | | | | | | | | | | • | H | | | | Director of AYW | FPM | JE: CA, C (Coordinator), | | |
| Assist the CFUSGs in implementing the certified CF Management Plans | CF activities implemented as per CFMP (annual report) | | | | | | | | | | | | | | | | | FPM | SOs(LPT, BGL, PYP), ROs, DROs, Foresters (KDK,KKK,PND,PNL) | JE: PCD, MF, MA (marketing) | | |
| 1.6.1 Prepare assisting plan for implementation of CF activities by CFUSG | prepared plan | | | | | | | | | | | | + | | | | | ditto | ditto | JE: PCD, MF, MA, CA | | |
| 1.6.2 Assist the CFUSGs Batch I | CF activities implemented as per CFMP (annual report) | | П | | | | • | • | | 1 | • | | • | | • | | • | ditto | ditto | JE: PCD, MF, MA, | | |
| 1.6.3 Assist the CFUSGs Batch II | CF activities implemented as per CFMP (annual report) | | Ш | | | | | | | | | ľ | • | | 1 | I | • | ditto | ditto | ditto | | |
| 1.7 Implement various capacity strengthening programs to enhance the income levels of the CFUSOs in partnership with Cooperating Agencies such as Department of Fisheries (DOF), Myanna Agriculture Service (MAS), and other institutions. | Income' profit gained to CFUSG from implementation of capacity strengthening programs | | | | | | | | | | | | | | | | | FPM | SOr(LPT, BGL, PYP), ROs, DROs, Foresters (KDK, KKK, PND, PNL) | JE: PCD, MF, FC (fish culture) and MA. LC: material cost/ operation cost for implementation of programs | MAS, DeF, SLRD | |
| 1.7.1 Design the programs based on needs | Prepared implementation programs | | | | | | | | | | | | | | | | | ditto | ditto | ditto | | |
| 1.7.2 Review and update the programs | Revised programs | | | | | | | | | | | | | | | | | ditto | ditto | JE: PCD, MF, FC, MA, CA | | |
| 1.7.3 Assist the CFUSGs I | Income' profit gained from implemented programs (implementation records) | | П | | | | | • | | | | | • | | 1 | I | ' | ditto | ditto | ditto | | |
| 1.7.4 Assist the CFUSGs II | ditto | | П | | | | | | | 1 | | | I | | I | | П | ditto | ditto | ditto | | |
| 1.7.5 Assist non-CF target villages already with Project intervention | Income/ profit gained from implemented | | | | | | | | | - T | | | T I | | • | | | ditto | ditto | ditto | | |
| (2 in total) | programs (implementation records) | | Ш | | | | | | | | | | | | | | | | | | | |

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|-------|--|---|-------|----|--------|------|--------------------------|------|-------|---------|--------------|-------------------------|---------|------|---------|-----------------------------|------|----|---------------------------|---|--|---------|---|
| | | Expected Results During Project Period | 200 | 07 | 2 | 008 | T | 200 | 9 | Scheo | iule 2010 | Т | 2 | 011 | Т | 2012 | ा | 13 | | | Other Major Inp | ıts | |
| | Activity as per PDM2 | | MFY/J | | un-Apr | FY20 | 08 Det Jen Dec Mer | Agr. | Y2009 | Jen J | FY: | 2010 0at- 3 Dec 3 | Sen Apr | FY20 | ti Jen- | FY Apr. Jul. Jun. See | 2012 | | Person in charge | Impl ementers | Japanese | Myanmar | Remarks |
| 1.8 | Monitor and evaluate the implementation of the certified CF Management Plans | Implementation in accordance with CF MP (Monitoring Records/ reports) | | | | | | | • | = | | | | | | | • | F | PM | SOs(LPT, BGL, PYP), ROs, DROs, Foresters (KDK, KKK, PND, PNL) | JE: PCD, MF | | |
| | Conduct impact survey regarding the effects of CF on the livelihoods of the members of the CFUSGs. | Project intervention to contribute to livelihood of CFUSG members (Result of evaluation, lessons learnt (reports)) | | П | | | | П | | | | | | ŀ | - | | t | | PM | SOs(LPT, BGL, PYP), ROs, DROs, Foresters (KDK, KKK, PND, PNL) | JE: PCD, (MF) | | |
| | Draft/update implementation plan and forms | Prepared plan and forms | | П | | | | П | | П | | П | | | - | | П | di | | ditto | ditto | | |
| 1.9.2 | | survey records | + | Н | 4 | - | - | н | - | Н | _ | Н | 4 | Н | | | • | | tto | di tto | ditto | | |
| 1.9.3 | Compile impacts, issues, lessons learnt regarding effects of CF on the livelihood of the members of CFUSGs | compiled results (in report) | | П | | П | | П | | П | | П | | П | | | † I | de | tto | ditto | ditto | | |
| Outp | ut2: The management and the support system of the Forest D | epartment (FD) for CF is effective. | П | П | 1 | П | T | П | T | П | Т | П | | П | | П | П | Р | M: (Overall) | | | | |
| | Identify necessary activities for CF management and CF extension & support by each Reserve Forest (FRO) based on review of the CF contents of the Integrated Mangrove Management Plan (IMMP). | Identified activities for CF management and CF extension & support. | - | | | | | П | | | | | ŀ | • | • | | | | roject Coordinator PC) | AYW Director, PC, FPM, SOs, ROs | JE: CA | | |
| 2.2 | Confirm the roles and responsibilities of the technical members of CF Task Force (technical MCFTF) for the identified activities. | Confirmed roles and responsibilities of MCFTF to improve CF management and support | | • | | | | П | | | | | • | • | | | П | PO | C | ROs | JE: CA, TE (Training and Extension), (PCD) | | |
| | Assess the needs of the technical MCFTF (e.g. financial, logistics and human resource development needs) to implement the identified activities. | Confirm needs which enable to improve CF management and support of MCFTF (result of assessment) | | • | | | | $\ $ | | | | | • | - | | | | P | C | AYW Director, PC, FPM, SOs, ROs | JE: CA,TE, (PCD) | | Conducted Need Assessment of CF Task Force during FY2007 |
| | Conduct needs assessment of MCFTF | compiled assessment record | | | | | | П | | | | П | | | | | П | di | | ditto | di.tto | | |
| | Review and reconfirm need of MCFTF | ditto | | П | | | | П | | Ц | | П | | | _ | | П | di | | ditto | ditto | | |
| 2.3.3 | Organize workshop(s) to confirm training needs and draft training plans/SOP preparation plan | Confirmed training needs and requirement for SOP (prepared workshop records) | 1 | П | | | | П | | | | П | | | 7 | | П | di | tto | di tto | di tto | | |
| 2.3.4 | Compile training needs of MCFTF | Compiled and reconfirmed training needs (prepared training needs and training plan) | | П | | | | П | | | | П | | • | • | | П | di | tto | ditto | ditto | | |
| | Develop training plan & materials based on the assessment of the human resource development needs conducted in 2.3. | Training plan and materials reflecting needs of MCFTF and to improve CF management and support to be developed | | П | | | | П | | | | П | | | | ' | | P | С | FPM, SOs (LPT, BGL, PYP), ROs (LPT, BGL,PYF) | JE: TE, PCD, MF, FC, CA | | Training may include OJT, training through existing CF training course, and development of CF training |
| 2.4.1 | Develop overall training plan and training materials | Prepared training plan and materials | П | П | • | П | | П | | П | | П | | Ħ | | | П | di | tto | di tto | étto | | program for mangrove, etc. Development of CF training program/materials for mangrov |
| 2.4.2 | Update the training materials based on feedbacks | Updated training plan and materials | П | П | T | | | П | | Ħ | | П | | | | ľ | Ħ | di | itto | di tto | di tto | | CF based on the existing ones such as CFDTC is being considered |
| 2.5 | Train the technical MCFTF according to the plan | Training courses implemented and participated by selected trainees as per plan (implemented training courses and evaluation records) | | | | | | П | | | | П | | ľ | - | | Ħ | FI | PM | SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP) | JE: TE, PCD, MF, AF, FC LC: training material and operation cost | | |
| 2.5.1 | Implement & monitor the training program | Implemented training courses (number of participant) | П | П | | П | | П | | П | | П | | l l | - | | П | di | tto | ditto | ditto | | |
| 2.5.2 | Evaluate the training program & conduct the follow-up as appropriate | Result of evaluation (ACR, SOP) | | П | T | П | T | Ħ | T | П | T | П | T | П | | | Ħ | di | tto | ditto | ditto | | |
| 2.6 | psychological Construct/renovate the CF Extension Centre & Nursery in each RF | Completion of facilities construction/ renovation at 4 CPECNs | | | | | | | 2 | Refer X | 3 | | | | | | • | FI | PM | SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP) | JE CA, GIS LC: Renovation and Construction Cost of Facilities | | KKKL: Kwa Kwa Ka Lay CFECN TYK: Thar Yar Kone CFECN BYM: Byone Hmwe CFECN TGT: Htaung Gyi Tan CFECN (HKT: Hnget Kyi Taung |
| | Provide extension services and support to the CFUSGs in each RF | Necessary extension services and support provided to target CFUSGs based on prepared extension materials | | П | | | | П | | | | П | | 1 | | | 1 | F | PM | SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP) | JE: PCD, TE | | Through Activities 1.3~1.7 |
| | Develop extension materials | Prepared extension materials | | | | | | | | | | | | | | | | di | | ditto | ditto | | |
| | | Prepared work/ monitoring records | 1 | П | | | | П | | Ц | | | | | • | • | | di | tto | di tto | ditto | 1 | |
| 2.8 | Carry out public awareness campaigns regarding CF and the conservation of mangrowe forests | Implemented campaigns to contribute to mangrove conservation/rehabilitation (campaign materials, campaign records) | | Ħ | | | | | ľ | | | | | | - 13 | • | ľ | F | PM | SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP) | JE: TE LC: material and operation cost for public awareness | | Extension Division under FD may be able to collaborate with the Project in some part of the activities |

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| | Second Second | | | | | | | 0.0 | | | | | | | | | | | | | |
|---|--|------------------------|----------|----------|----------------------|-------|--------------------|----------|------------------|---------|-----------------|----------|--------------|-------------------|---------------------|--------|------------------|---|---|---------|-------------------------------|
| | Expected Results During Project Peniod | 200 | 7 | 200 | 18 | | 2009 | Sc | hedul e | | т | 201 | | - 2 | 012 | 13 | | | Other Major Inpu | ıts. | |
| Activity as per PDM2 | | MFY/J | | F | Y2008 | | FY2 | 009 | | FY 201 | 10 | F | Y2011 | | FY20 | 112 | Person in charge | Impl ementers | 200000 | Myanmar | Remarks |
| | | Apr. Jul. Jun. Sep. | Dec 34 | Agr. | Mail Octo Sep Dec | Mar A | gr. Jul. un Sep | Dec M | e, Jan az Jan | Sup Du | t-Jes- K Mar | Agr. A | p Dec | Jon- Ap Max Ju | r July (n Sep 1 | ec Mar | | | Japanese | Myanmar | |
| 2.9 Draft detailed SOP for CF for the mangrove forests based on the | SOP (English, Myanmar) to be approved | | П | П | | | | | П | | | П | П | | | | PC | FPM, SOs (LPT, BGL, PYP), | JE: TE, PCD, MF, AF, FC | | |
| existing SOP of the FD (i.e. Departmental Instructions) and | and utilized by FD | | ш | ш | | ш | ш | | | | ш | ш | ш | | | | | ROs (LPT, BGL, PYP) | LC: preparation cost for SOP | | l |
| feedback from the Project activities 2.9.1 Develop an initial draft | Prepared draft SOP | \vdash | Н | ₩ | - | н | - | | | | - | Н | | _ | ╫ | - | ditto | ditto | átto | | |
| 2.9.2 Finalize the draft | Finalized and approved SOP | | Н | | - | н | - | | 7-1 | - | • | H | | Н. | | _ | ditto | ditto | ditto | | |
| a Based on comments and feedbacks, finalize draft SOP | Finalized SOP | | Н | | | н | Н | | Н | | \blacksquare | H | | - | | 7 | ditto | ditto | ditto | | |
| b Get approval of finalized SOP by FD-DG | Approval letter | | | | | | | | | | | | | | | | ditto | ditto | ditto | | |
| Output 3: Some silvicultural techniques for the rehabilitation and | the management of the mangrove | П | П | П | Т | П | П | | П | | П | П | П | $\neg \vdash$ | П | | Overall: PC | | | | |
| and its associated forests for the Ayeyawady Delta are established. | | Ш | ш | ш | | ш | ш | ш | ш | | ш | ш | ш | - 1 | ш | Ш | | | | | |
| 3.1 Conduct surveys for identification of silvicultural techniques for | Silvicultural techniques important for | | | 17 | _ | н | | | П | | \blacksquare | \vdash | Н | | \blacksquare | | FPM | SOs (LPT, BGL, PYP), ROs | JE: MF | | In the FY2007 conduct |
| both community and non-community forestry with respect to the | mangrove rehabilitation to be identified | | П | ш | | ш | | | 1 1 | | ш | ш | 1 1 | | | | | (LPT, BGL, PYP) | LC: | | surveys to determine over all |
| eco-geographical / management zones in the Ayeyawady Delta | (survey records and plans prepared based | | ш | ш | | ш | ш | | | | ш | ш | ш | | | | | | l . | | test designs for ARP. |
| | on surveys) | - | Н | ₩ | _ | ₩. | - | - | 44 | _ | - | щ | - | 4 | - | - | | | | | |
| 3.2 Prepare the specific Action Research (AR) test designs for each | AR designs and plans to be developed in accordance with identified silvicultural | | ш | ш | | ш | ш | | | | ш | ш | ш | | | | FPM | SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP) | JE: MF | | l |
| of the identified silvicultural technique (e.g. seedling production, planning designs and methods, thinning, pruning, forest | techniques | 1 1 | ш | ш | | ш | | | 1 1 | | ш | ш | 1 1 | | | | | (LFI, DOL, FIF) | l . | | l |
| management) | | | ш | ш | | ш | ш | | | | ш | ш | H | | | | | l | l . | | l |
| 3.2.1 Prepare the specific design | Prepared AR design | | | 1 | - | Н | Н | | Н | _ | + | Н | \mathbf{H} | - | + | - | ditto | ditto | ditto | | |
| 3.2.2 Prepare an annual execution plan | Prepared annual plan | 1 | | | п | | п | | | IV. | | | | - | | | ditto | ditto | ditto | | |
| 3.3 Execute the AR in each RF | AR implemented as per designs/plans | | | II (| | | _ | _ | _ | | П | | | _ | Н | | FPM | SOs (LPT, BGL, PYP), ROs | JE: MF | | |
| | (implemented sites, records/ reports based | | - | | | Щ | | | ◍ | | IV | i I | ш | | | | | (LPT, BGL, PYP) | LC: material and operation | | l |
| | on implementation of AR) | - | ш | \sqcup | | | | | | =- | | | | _ | щ | _ | | | cost for AR activities | | |
| 3.3.1 Implement activities in accordance with annual execution plan | AR implemented sites, records/reports | | П | ш | | | | | ш | | | | • | | | | ditto | ditto | ditto | | |
| | based on implementation of AR | | ш | Ш | | ш | ш | | Щ | | ш | Щ | | | ш | | | | | | |
| 3.3.2 Prepare and install ARP signboards | Installed ARP signboards and plot description signboards | | | Ш | | | | | | | | | | | | | ditto | di tto | ditto | | |
| 3.4 Conduct periodic technical monitoring / preliminary assessment | Monitoring results to be reflected to | | П | П | | _ | • | • | | | 1 | | | _ | • | | FPM | SOs (LPT, BGL, PYP), ROs | JE: MF | | Major monitoring activities |
| on the AR plantation (ARP) | succeeding years' ARP and technical | | ш | ш | | ш | ш | | | | ш | ш | ш | | | | | (LPT, BGL, PYP) | LC: labour cost for | | are limited only when |
| | report/ guidelines (monitoring reports, technical report) | | ш | ш | | ш | ш | | | | ш | ш | ш | | | | | | monitoring | | presence of JE |
| 3.5 Prepare a technical report on action research (AR) for mangrove | Final technical reports (English and | | Н | | _ | н | Н | | | _ | \blacksquare | \vdash | | - | \blacksquare | - | FPM | SOs (LPT, BGL, PYP), ROs | JE: MF | | |
| in English and Myanmar | Myanmar) to be approved and referred by | | ш | ш | | ш | ш | | | | ш | | Н | | | - | | (LPT, BGL, PYP) | LC: preparation cost for | | l |
| | FD | | | ш | | | | | | | | ш | | | | | | VIII.34(5).55(4).55(4) | technical reports | | |
| 3.5.1 Develop an initial draft | Draft technical report (English and Myanmar) | | П | П | | | | | П | | | Ħ | П | | | | ditto | di tto | ditto | | |
| 3.5.2 Finalize the draft | Approved technical report (English and Myanmar) | | П | П | | П | | | П | | T | П | П | | H | - | ditto | di tto | ditto | | |
| 3.6 Develop technical guidelines for rehabilitation and management | Technical guideline (English and | | Н- | 1 | | | | | 1 | | | | | | | | FPM | SOs (LPT, BGL, PYP), ROs | JE: MF | | — |
| of mangrove forests based on the findings of the AR | Myanmar) to be approved and utilized by | | " | 1 1 | | ш | ш | | | | | | | | | - 1 | | (LPT, BGL, PYP) | LC: preparation cost for | | l |
| | FD | | | Ш | | | | | | | | Ш | | | | | | | technical guideline | | |
| 3.6.1 Develop a preliminary draft | English draft technical guideline | | | | | | | | Ц | | | \Box | | | | | ditto | ditto | ditto | | |
| 3.6.2 Develop an initial draft | Draft technical guideline (English and | | П | ш | | П | Ш | | ш | | | | | -1 | | | ditto | ditto | ditto | | |
| | Myanmar) | \vdash | ш | \sqcup | _ | ш | ш | щ | Ш | _ | ш | щ | \sqcup | 4 | Н | _ | | | | | |
| 3.6.3 Finalize the draft | Approved technical guideline (English and Myanmar) | | | Ш | | | | | Ш | | | Ш | | | | | ditto | di tto | ditto | | |
| Output 4: A coordination mechanism is established among key sect of mangrove deforestation in the Ayeyawady Delta. | ors to address the underlying causes | П | П | П | Т | П | П | П | П | | П | Π | П | T | П | Т | Overall: PM | | | | |
| 4.1 Organize an inter-agency coordination meeting, consisting of | Issues related to Project and Mangrove | | | | | | | | | | | — | | | | | AYW Director | PC, FPM | JE: CA, C | | Aimed to be held concurrently |
| relevant authorities (e.g. agriculture, fisheries, settlement and | Management to be shared/ discussed | | ΙГ | 1 1 | | ш | ш | | | | ш | П | IΓI | | Г | | | | LC: meeting organizing cost | | with mangrove seminar as |
| land records) at the Regional level to examine the underlying | among relevant authorities (Prepared | | ш | ш | | ш | ш | | | | ш | ш | ш | | | | | l | l . | | much as possible. |
| causes for mangrove deforestation in the Ayeyawady Delta. | meeting records/ minutes,) | | | | | | | | | | | Ш | | | | | | | | | |
| 4.2 Update the land use information on periodic basis based on the | Updated land use map and data to be | | | | | | | | 1 | | | 1 | | | | | PC | SO + ROs (GIS Section), FPM | JE: GIS | | |
| up-to-date satellite images for discussion by the coordination | utilized at coordination meeting and | | ı | | | | | | | | | | | | | | | | | | I |
| meeting members, including overall forest resource assessment | various project activities | | l I | | | | | | | | | l I | | | | | | | | | I |
| of the region and mangrove forest conversion. | | | Ш | | | Щ | | | | | | Ш | | | | | | | | | |
| 4.3 Organize seminars to promote synergies among the relevant | Project achievements to be shared among | | | \prod | | | | | | | | | | | | ı 🔽 | PM, PC | FPM, SOs (LPT, BGL, PYP), | JE: CA, C(PCD, MF, TE, | | |
| sectors for the sustainable management of the mangrove | relevant sectors (prepared agenda of seminars, memos of seminars) | | ı | | | | | | P | 1enning | g | – | l l | | | | | ROs (LPT, BGL, PYP) | GIS, FC) LC: Seminar organizing | | I |
| ecosystem in the Ayeyawady Delta | E-Const Market Control of the Contro | \vdash | \vdash | | _ | ш | | \vdash | 44 | | | \vdash | \Box | 4 | | | | A. A. A. B. | A THE WAY AND A PARK A TANK A TANK A PARK A TANK A PARK A | | |
| 4.4 Organize a coordination meeting with donors/NGOs active in the | | | ı | | | | | | | | | | • • | | | | FFM | SOs (LPT, BGL, PYP), ROs | JE: CA, C | | l |
| Target Area at District Level | be shared and discussed among participants (prepared meeting agenda, | | l I | | | | | | | | | l I | | | | | | (LPT, BGL, PYP) DRO, Forester | LC: meeting organizing cost | | I |
| | records/ minutes) | | l I | | | | | | | | | l I | | | | | | a second | | | I |
| | | | | | | _ | | | | | | | | | | | | | | | |

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| | | Expected Results | | | _ | | | | | | Sc | hedu | | | | | | _ | | | _ | | | | Other Major Inpu | ıts | |
|-------|---|--|-----------------|---------------------|-------------|-------------------|-------------|-------------|------------|---------------|-------|---------------|----------------|------|-------------|------------|---------------|-----------------|-------|-------------|-------|----------|------------------|------------------------------------|---|--------------------|--|
| | Activity as per PDM2 | During Project Period | MFY | 007 Y/JFY2 | 007 | 2008 F1 | 2008 | | 20 | FY20 | 09 | | 010 FY | 2010 | | 20 | FY20 | 11 | | 012 FY20 | | | Person in charge | Implementers | | | Remarks |
| _ | | | Age 3. Jan 2 | July Des Sep Dec | Jun- Mar | igr- Ju Ion Se | Oct. Dec | Jun- Mar | Apr- Am | 34 C Sep 1 | hec M | r Ap la Ja | r Jul n Sep | Dec | Jes- Mar | Apr. Am | AL O Sep D | co Jan ec Ma | e Age | 炒 | Dec M | n- ke | | | Japanese | Myanmar | |
| Out | out X: Recovery from Cyclone Nargis is promoted (Additional Out | put after Cyclone Nargis in May 2008) | П | | П | Т | | П | П | П | Т | П | П | П | П | П | | L | | П | 1 | | | | | | |
| ₹.1 | Prepare a hazard map based on analysis of damage of the cyclone Namis | Prepared hazard map | П | Г | П | Initi | almep | | | Final | | | | П | П | П | | | T | П | 1 | PD, I | PM | GIS section | JE: GIS Eq: ALOS AVNIR-2(2008) | | |
| ₹.2 | Conduct quick damage &recovery survey in the Target Area | Damage and recovery of survey villages | H | + | H | | 1 | | Н | | Ĺ | ۰ | ۲ | Н | Н | Н | + | ۰ | ╫ | Н | + | FPM. | f, SOs | ROs | JE: PCD | | |
| | | to be identified (documented survey results (in reports)) | | 4 ' | П | Т | T ' | П | П | | Г | 1 | | П | Ш | П | | | | П | | | | | | | |
| X.3 | Conduct village profile survey in the Target Area | Village profile after cyclone of survey | H | + | Н | + | H | | П | | t | t | | | | H | | t | ┢ | Н | + | FPM. | M, SO | ROs | JE: PCD, project staff | | |
| | 1000,000 | villages to be identified (documented survey results (in reports)) | | 4 ' | | | 1 ! | П | П | | ı | ı | | П | П | П | | | | П | | | | | | | |
| X.4 | Conduct survey for recovery condition of mangrove vegetation | Recovery data of mangrove vegetation to | П | T | Surve | • | F | E | П | | 1 | ŀ | T | П | П | П | 1 | ١. | T | П | + | SOs | (LPT, BGL, PYP) | ROs (LPT, BGL, PYP) DRO, | MF | | Report can be used in Distr |
| | from damage of Cyclone Nargis in the Target Area | be reflected into ARP and technical guideline (Result of analysis and | П | 4 ' | | П | 1 ! | П | П | | ı | ı | | Ds | ta org | geniz | tion & | repor | rt. | П | | | ľ | Forester | LC: Labour cost for survey. | | Management Plan |
| 7.4.1 | 0.11.6 | evaluation in technical report) records of survey | H | 4- | Н | - | ₽ | Н | Н | Н | 4 | 1 | - | Н | H | Н | - | Ĥ | 1 | Н | + | ditto | | átto | ditto | | |
| K.4.2 | Set plots for survey Continue monitoring of plots | records/ reports of monitoring | H | - | H | - | | Н | Н | | + | ١. | ٠ | Н | Н | Н | • | | ╫ | Н | + | ditto | | ditto | ditto | | |
| X.4.3 | Analyze results of survey and compile data/ information into | draft technical report/ guideline | П | | | | П | П | П | | 1 | T | | П | | П | | - | 1 | П | | ditto | | fitto | ditto | | Flan Report prepared by Se |
| 37.6 | draft technical report/ guideline | Constation of set of disease of feet bio- | H | 4- | Щ | + | ╀ | Ц | Ц | _ | 1 | 1 | _ | Н | Ц | Н | | | ╄ | Н | + | EDA | M, SOs S | SO, RO | JE: GIS, TE | 80 B0 | 2011 |
| х.э | Rehabilitate the CF Extension Centre and Nursery in each RF including facility with cyclone proof structure | Completion of rehabilitation of facilities in CFECNs | П | 4 ' | | | Ļ | Desig | Ęп | h | nglen | entatio | oon. | 1 | П | П | | | | П | | P.P.M. | n, sus | 50, RO | LC: | SO, RO, DRO, FR | |
| X.6 | | Materials/ equipments for recovery | П | \blacksquare | П | | Т | П | | | I | J. | | П | П | П | | | T | П | | FPM | 4 | SOs + ROs | JE: PCD, MF | | |
| | and Cooperative Organizations in the Target Area through material supply | procured and distributed based on needs | П | 4 ' | | П | 1 ! | П | П | П | I | 1. | • | П | Ш | П | | | | П | | | | | Eq: Pagu boat x 3, FRP boat x 2, coconut seedlings | | |
| X.7 | Conduct public awareness activities on disaster prevention in the | Distribution of hazard map related public | H | + | H | + | Н | Н | Н | - | + | ٠ | | | Н | Н | - | + | ╫ | H | + | FPM | 1 | SOs + ROs | JE: TE, CA, C | | Activities to be integrated in |
| | Target Area | awareness material | Ш | ' | Ш | | | Ш | Ш | | | | | | | Ц | | | | | | | | 200 0000 | PAGE TO METHOD IN | | Activity 2.8 after FY2011 |
| X.8 | Arrange necessary coordination among donors in the integrated mangrove management | Share experiences related to cyclone recovery and reflect such in integrated | | | | ı | | | П | • | | ı | | | П | П | | | | | | FPM | 4 | SO, RO, DRO | JE: CA, C | | The Project participated in relief and recovery |
| | mangrove management | mangrove management (Prepared meeting | | 4 ' | | | | П | П | | | ı | | П | Ш | П | | | | П | | | | | | | coordination meetings |
| 0 Δ | ctivity related to project management and public relations | records) | H | + | H | + | ₽ | Н | Н | Н | + | ٠ | ۰ | Н | Н | Н | + | + | ╀ | Н | + | PM: | | | | | organized by UN. |
| | rearing resisted to project management and public resistant | | | | | | | | | | | L | | Ш | Ш | Ш | | | | Ш | | | | | | | |
| 0.1 | Organize JCC at least once a year | Project progress / plans shared and | П | \blacksquare | | | Г | П | П | | 1 | Т | | П | П | П | • | ı | T | Ħ | - | PD | | PM, PC, FPM | JE: CA, C | | |
| | | decisions made in timely manner (Signed minutes of Meeting of JCC) | | 4 ' | | П | ' | П | П | | ı | ı | | П | Ш | П | | | | П | | | | | | | |
| 0.2 | Develop a DPO based on PO for approval by JCC | Approved DPO to be fully utilized by | П | | | | Т | П | П | | 1 | t | | П | E | Н | | | T | П | | PD | | PM, PC, FPM | JE: CA, C | | |
| 0.2 | Daniel or an arrowd DO (A DO) have due the DDO for account his | technical MCFTF staff Approved APO for smooth | ₩ | 4- | Н | + | ₽ | Н | Н | Н | + | + | - | Н | Ш | Ц | 4 | ╧ | ╀ | Н | + | PD | | PM, PC, FPM | JE: CA, C | | |
| 0.3 | Develop an annual PO (APO) based on the DPO for approval by JCC | implementation of Project activities | П | 4 ' | | | 1 | П | П | | 1 | ı | | П | П | П | | Т | | П | | P | ľ | rm, ro, rrm | DE CA, C | | |
| 0.4 | Develop an annual report for review by JCC | Project progress and achievements to be | П | \top | П | | Т | П | П | | 1 | T | | П | П | П | | - | T | П | + | PC | | FPM, SOs (LPT, BGL, PYP) | JE: CA, C | | |
| | | timely shared at JCC (Prepared annual reports) | П | 4 ' | | П | 1 | П | П | | ı | ı | | П | Ш | П | | | | П | | | | | | | |
| 0.5 | Organize internal project meeting regularly | Progress and issues confirmed and | П | \top | П | 1 | Н | Н | Н | | 1 | 1 | | Н | П | П | | • | | | • | PC | 1 | FPM, SOs (LPT, BGL, PYP) | JE: CA, C | | |
| | | necessary actions to be taken in timely manners (Prepared meeting records) | | 4 ' | | П | ' | П | П | | ı | ı | | П | Ш | П | | | | П | П | | | | | | |
| 0.5.1 | Organize Township level meeting monthly (SO+RO+JET) | ditto | \forall | | H | | H | Н | Н | | 1 | t | | Н | | Н | | | | | • | SOs | (LFT, BGL, PYP) | ROs under township | JE Team members on site | | |
| 0.5.2 | Organize District level meeting quarterly (FPM+SO+ (RO)+(PC)+JET) | ditto | П | Г | | Т | П | П | П | | Т | Г | Г | | | П | | | | | | FPM | 4 | SOs (LPT, BGL, PYP), (RO), (PC) | ditto | | |
| 0.5.3 | | ditto | H | + | H | + | H | Н | Н | H | + | ╁ | ۲ | Н | Н | Н | | | | | | PM | | PC, FPM, | ditto | | |
| | +FPM+JET) | | Ш | 4_' | Ш | | L | Ш | Ш | | | | | | Ш | | | | | | | | | 8 0 | | | |
| 0.6 | Monitor the achievement of the Indicators periodically | Indicators appropriately monitored to confirm achievement of outputs/ outcome | | | | | Г | П | П | | | П | | П | | П | • | • | • | | • | PC | 1 | FPM, SOs (LPT, BGL, PYP) | JE CA, C | | |
| | | contain achievement of busposs buscome | | 4_' | | | L' | | Ш | | | | | | | Ш | | | | | | | | | | | |
| 0.7 | Prepare for joint evaluation | Provide data/ information readily available for evaluation | | | | | П | | П | | | Г | | П | | | | | • | F | • | PC | | FPM | JE: CA | | |
| 0.8 | Follow up the recommendations of the review/evaluation | available for evaluation Recommendations incorporated in Project | H | + | H | + | ₽ | Н | Н | | + | + | + | Н | Н | Н | + | + | - | | + | PC | | FPM | JE: CA | | |
| | | and contribute to outputs/ outcome | | | | | 1 | | П | | | | | П | | ľ | T | 1 | ľ | | - | ſ | ľ | | | | l |
| | | (Annual Completion Reports, relevant meeting minutes) | | | | | 1 | | П | | | | | П | | H | | | | | | | I | | | | l |
| 0.9 | Conduct public relations for the Project | Announce about Project and its activities | П | | | | Г | | П | | 1 | Ť | T | П | П | | 1 | • | | | • | PC | 1 | FPM, SOs (LPT, BGL, PYP) | JE: TE, CA | | |
| | | (Prepared agendas, public relation materials) | 1 1 | <u> </u> | | | 4 | | П | | 1 | ı | | ı | | Ιl | | | ĺ | | | ĺ | I | | l | | I |

Attachment 2-4 DPO

14 July 2011 DPO2 1/7

| The selection of the content of the process | | | Expected Results During Project Period | 2 | 007 | | 2008 | | | 2005 |) | Sch | edule 20 | | Т | 2 | 2011 | _ | | 2012 | 1 | 3 | | α | her Major I | nputs | |
|--|-----|--|--|-----------|----------|------|--------------|----------------|-------|-------|------|-----------|-------------|-------|-------------|------|-------|--------------|------|-------|-------|---------------------|----------------------|----------------------|-------------|--|------------------------|
| For the Control of th | | Activity as per PDM2 | 2000,200,000 | MF Apr | Y/JFY | | FY ige Mi | 72008 - 0a- | т | FY | /200 | 9 Jun- | | FY20 | 10 co Ja | т | FY. | 2011 0a-1 | I | FY2 | | Person in charge | Implementors | Japan | iese | Myanmar | Rem arks |
| See studings of bringer of visings and elect visings of bringers of visings and elect visings. Let of the proof. Let of the p | p | ut 1: The selected communities practice environmentally and | economically sustainable | Эa. | Sep De | 1 | _ | Dec | Me) | an Se | p De | Mar | λa. | Sep 1 | Nec M | te A | n Sep | Dec 1 | de A | n Sep | Dec M | Project Manager (Pl | 4): | JE Chief Advi | sor (CA) | - | |
| Jack Principles Lead of adjustment of visings and select visings of Management of visings and vis | u | nunity forestry (CF). | | | | L | augio | Ш | | | | Ш | | | | | | Ш | | | | | | | | | |
| Confirm startest and willingers of villages and select village. Will segret of continuous and selected village and selective large villages and selective large. See the selection of the second search at 12 million of the second second search at 12 million of the second search at 12 million of the second second search at 12 million of the second secon | | | | | | | | IJ | | Ţ | | | | | | T | | П | | | | | | | | | |
| See and not tribugen to be convent in the Procest See and of tribugen to be convent in the Process See and of tribugen to be convent in the Process See and of tribugen to be convent in the Proc | J | | | Be | dore Nac | rgia | 4 | 14 | Batch | ıI | 1 | atch I | Ц | | 4 | 1 | | Ц | 4 | Ш | 4 | | (KDK,KKK,PND,PNL) | CA | , , , , , | | |
| Boundary instruction and well imprised to be covered in the Process. Section instruction of the Company of the International Company of the Internation of the of the Intern | . 1 | | Villagers' consent (memo of meeting) | П | | | | П | | | Т | | | | | ı | | П | | | | ditto | datto | ditto | | Inhial also (Os | - Common and Albert |
| Substanced of the second of the proposal of the first eveloced originary of the basic pool-seconds: Outstands from your to the fact pool-second original or to the fact pool-second original original or to the fact pool-second original original original or to the fact pool-second original original original or to the fact pool-second original origi | 1.2 | Reconfirm interest and willingness of selected villages | villages, villagers' consent at 6 villages | | | | | | | | | | | | | ľ | T | П | | | | ditto | ditto | ditto | | | |
| Activation of the elected village of control of | .3 | | 6 villages re-selected for the project | | | | | Ħ | | 1 | t | | H | | 1 | t | | Ħ | 1 | | # | | | | | | |
| Conduct busides army or the Mann cond-rescondance of the Section of Section (Conducted villages and Conducted vill | _ | | | Н | - | н | - | Н | 4 | + | + | Н | Н | - | + | + | | | 4 | н | + | | OB110 | | | | |
| Conduct baselines array on the foliages: Conduct baselines array on the foliages conducted in the part of the foliages are desired. Organical sensition of a region of the foliages are desired. Organical sensition of the foliages are desired. Organical sensitions of the foliages are desired. Organical sensition of the foliages are desired. Organical sensitions of the foliages are desired and the foliages are desired. Organical sensitions of the foliages are desired and the foliag | | | | Н | - | н | - | Н | + | + | ٠ | Н | Н | + | + | ٠ | - | Н | + | н | + | | 32113 | | The to tra | | |
| Constitution of the selected village Review due to construct cores place of the selected village in Several scale economic conditions of the selected village in Several scale economic conditions of the selected village in Several scale economic conditions of the selected village in Several scale (Proposed) Personal core of the selected village in Several scale (Proposed) Personal core of the selected village in Several scale (Proposed) More of the several scal | | | monitoring progress/ impact of Project | ç | | | | | | | | | | | | | | | | | | 11.00 | | LC: Baseline a | nd market | | |
| seconduct survey for CF use falses and possibility consists of consists of consists of reportal periodical villages dated on successip. Organization (CFUO) is the selected villages and possibility consists of falses as of CFUO). Elect Management Committee (ACC) Organization (CFUO) is the selected villages and possibility consists of falses as of CFUO). Elect Management Committee (ACC) Organization (CFUO) is the selected villages and possibilities and po | 1 | | Compiled result of survey | • | | | | | | | | | | | | | | П | | | | ditto | ditto | ditto | | | |
| In selected villages flashed on necessity) Organizar/recognized CPUSOS in the selected villages and selected villages and selected flasheses of CPUSOS More make the interest of CPUSOS in the selected villages and selected flasheses of CPUSOS in the selected villages and selected flasheses of CPUSOS in the selected villages and selected flasheses of CPUSOS in the selected villages and selected flasheses of CPUSOS in the selected villages and selected flasheses of CPUSOS in the selected villages and se | 2.2 | Review basic socio-encomia conditions of re-selected villages | of 6 villages re-selected. (prepared | | | | | П | | | | | | | | ľ | | | | | | ditto | ditto | ditto | | | |
| Ros, IRCs, FRO, Frosteries McCommenter and reformation (MC) Resistent members Ros, IRCS, Ros, Frosteries (EDE, RRCS, RRS, PRP), E. Resistent members Ros, IRCS, RRS, RRS, PRP, R. Ross, RRS, RRS, RRS, RRS, RRS, RRS, RRS, R | 2.3 | | Compiled result of survey | | | П | | П | | | | | П | | 1 | T | 1 | 7 | T | | | FPM | ditto | ditto | | | |
| Elect Afmacement Committee (ACC) | | Organize/reorganize CFUSGs in the selected villages | reorganized (Existence of CFUSG/ | П | | ı | | T: | S CFU | ig, | | 0) | CFUS | G |] | T | | П | T | Ī | T | FPM | ROs, DROs, Foresters | JE: PCD, proje | ect staff | | |
| Develop by laws Seconding state of CFUSGs Mod Settler, member registered and by law developed in CFUSGs Seconding state of CFUSGs Se | 3.1 | Flect Management Committee (MC) | | Н | ٠, | | | Н | | . | | | Н | + | + | + | | Н | + | | - | ditto | | ditto | | | |
| Develop by laws Seconding state of CFUSGs Mod Settler, member registered and by law developed in CFUSGs Seconding state of CFUSGs Se | 2 | | | Н | | | | Н | | | | | Н | | + | + | | Н | + | | _ | | | | | | |
| Procedure active of CFUSGs Secondary active of the CFUSGs Secondary active of the CFUSGs Secondary active of CFUSGs members and propose updated member list. Secondary active of CFUSGs members and propose updated member list. Secondary active of CFUSGs members and propose updated member list. Secondary active of CFUSGs of Commission of toy-law Secondary active of CFUSGs member list and poly-law Secondary active of CFUSGs member list. Secondary active of CFUSGs active of CFUSG | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Renized member list Consists meetings with CTURG for formulation of by-law Fermulate by-law Anto Anto General by-law Anto Anto General by-law Fermulate by-law Anto Anto General by-law Fermulate by-law General by-law | 3.4 | | | В | effore N | ugis | | | | | | | | | | ľ | | F | | | | SOs (LPT, BGL, P1 | | ditto | | | |
| member list CF Cranips meetings with CFUSG for formulation of bu-law d Romalists Pulsar el Incorporate MC member list, CFUSG member list and by-law into CF proposal Assist the CFUSGs in preparing/updating their CF Management Flans and proposals for CF certificate through participatory planning process Review the Management Plan (MP) developed by the Project and make necessary updates 2 Update the pre-entiting MP a Reconfirm? re-definents CF area boundary with CFUSG members and relowant sixtheholders b Reconfirm re-definents CF area boundary with CFUSG members and relowant sixtheholders b Reconfirm and CF MP Update of EMP Update of E | | | | | | | | | | | | | | | | | | П | | | | | | | | | |
| ### Prepared by Jaw Prepared by Jaw Prepared by Jaw Prepared Prepared by Jaw Prepared by Jaw Prepared by Jaw Prepared Prepared Jaw Jaw Prepared Jaw | | member list | | | | | | | | | | | | | | | T | Ц | | | | | | | | | |
| Encorporate MC member list, CFUSG member list and by-law into CF proposals in the CFUSG's in preparingly dating their CF Management of CF proposal for CF certificates through participatory planning process Revise with e Management Plan (MP) developed by the Project and make necessary updates CF MFs which enable sustainable CF activities to be prepared in selected willages CF MFs which enable restrainable CF activities to be proposal for CF certificates through participatory planning process CF MFs which enable restrainable CF activities to be prepared in selected willages CF MFs reviewed and updated and make necessary updates CF MFs reviewed and updated and make necessary updates CF MFs reviewed and updated CF MFs reviewed and up | _ | | | | | | | ш | | - | | | Ц | | 1 | 1 | | Ц | 4 | | _ | | | | | | |
| Assist the CFUSGs in preparingly pdating their CF Management Plans and proposals for CF certificates through participatory planning process I. Review the Management Plan (MP) developed by the Project and make necessary updates I. Review the Management Plan (MP) developed by the Project and make necessary updates I. Review the Management Plan (MP) developed by the Project and make necessary updates I. Review the Management Plan (MP) developed by the Project and make necessary updates I. Review the Management Plan (MP) developed by the Project and make necessary updates I. Review the Management Plan (MP) developed by the Project AGTMF reviewed and updated. I. Review the Management Plan (MP) developed by the Project AGTMF reviewed and updated. I. Review the Management Plan (MP) developed by the Project AGTMF reviewed and updated. I. Review the Management Plan (MP) developed by the Project AGTMF reviewed and updated. I. Review the Management Plan (MP) developed by the Project AGTMF reviewed and updated. I. Review the Management Plan (MP) developed by the Project AGTMF reviewed and updated. I. Review the Management Plan (MP) developed by the Project Staff AGTMF reviewed and updated. I. Review the Management Plan (MP) developed by the Project Staff AGTMF reviewed and updated. I. Review the Management Plan (MP) developed by the Project Staff AGTMF reviewed and updated. I. Review the Management Plan (MP) developed by the Project Staff AGTMF reviewed and updated. I. Review the Management Plan (MP) developed by the Project Staff AGTMF reviewed and updated. I. Review the Management Plan (MP) developed by the Project Staff AGTMF reviewed and updated. I. Review the Management Plan (MP) developed by the Project Staff AGTMF reviewed and updated. I. Review the Management Plan (MP) developed by the Project Staff Add | | e Incorporate MC member list, CFUSG member list and by-law | | Н | + | H | | Н | H | + | H | Н | Н | + | + | t | 1 | Н | + | Н | + | | | | | | |
| Plans and proposals for CF certificates through participatory planning process and proposals for CF certificates through participatory planning process (EDK, KRK, IND, PNL) Review the Management Plan (MP) developed by the Project and make necessary updates 2 Update the pre-existing MP 2 CTMP updated 3 Reconfirm re-delineate CF area boundary with CFUSG members and relevant stakeholders 4 Reconfirm and reformulate CF activities to be covered by CFUSG at Pyinala data 4 Reconfirm and reformulate CF activities to be covered by Updated GF management maps 4 Update content of CF MP 4 Update content of CF MP 4 Update CFF management maps 4 Update CFF management maps 5 Updated CFF management maps 6 Update CFF management maps 7 Updated CFF management maps 8 Updated CFF management maps 8 Updated CFF management maps 8 Updated CFF management maps 9 Updated CFF management maps 1 Updated CFF management maps 2 Updated CFF management maps 3 Updated CFF management maps 4 Updated CFF management maps 5 Updated CFF management maps 6 Updated CFF management maps 7 Updated CFF management maps 8 Updated CFF management maps 9 Updat | _ | | | Щ | _ | ш | _ | Н | Ц | 4 | - | Ц | Н | 4 | 4 | 4 | - | Н | 4 | ш | 4 | | | | | | < |
| and make necessary updates Update the pre-exciting MP 2 CFMP updated Initialled boundary stakes and GPS Initialled bound | 4 | Plans and proposals for CF certificates through participatory | activities to be prepared in selected | | ŀ | t | | | | • | • | • | ľ | • | • | ŀ | • | Н | | | | FPM | ROs, DROs, Foresters | | | | |
| a Reconfirm/re-delineate CF area boundary with CFUSG members and relevant stakeholders data data Reconfirm/re-delineate CF area boundary with CFUSG data Reconfirm/re-delineate CF area boundary stakes and GFS Reconfirm/re-delineate CF area boundary stakes and GFS Reconfirm/re-delineate CF area delineated DE GATO Repart defined Atto Reconfirm/re-delineate CF area delineated DE GATO Repart defined Atto Reconfirm/re-delineated CF proposal data Reconfirm/re-delineated CF propos | 4.1 | | 4 CFMPs reviewed and updated | | | | | П | | | T | | П | | | • | | FI | Ī | | | ditto | ditto | | | | Same activities as 1. |
| members and relevant stakeholders Beeonfirm and reformulate CF activities to be covered by CFUSG C Update content of CF MP Updated CF MPs Updated CF management maps Township FD office and CFUSG MC members to confirm and Finalized CF proposal share content of CF proposal (MP and map) FCFUSG to submit updated CF corposal to township FD Issue CF certificates to the CFUSGs based on the proposals as per the CF instruction (CFI) Frepare evaluation criteria for issuing CF certificate Issue certificates for CFUSGs with MP developed by Project 4 certificates issued Issue certificates for CFUSGs with MP developed by Project 4 certificates issued Issue certificates for CFUSGs with MP developed by Project 4 certificates issued | .2 | Update the pre-existing MP | 2 CFMP updated | | | | | П | | | | | | | | | F | | | | | datto | | JE PCD, GIS, | MF | | CFUSGs at Pyinalan |
| CFUSG C Update content of CF MP Updated CF management maps Updated CF proposal (MP and map) If CFUSG to submit updated CF proposal to township FD Ussue CF certificates to the CFUSGs based on the proposals as per the CF instruction (CFI) Used CF proposal to township CFI Used to submit updated CF proposal to township FD Used CF certificates to the CFUSGs based on the proposals as certificates to the CFUSGs based on the proposals as certificates to the CFUSGs with MP developed by Protect Used CFI CFUSGs with MP developed by Protect Updated CF MPs | | | Installed boundary stakes and GPS data | | | | | П | | | | | | | | | • | | | | | ditto | ditto | JE GIS, MF, I | P CED | | |
| d Update CF management maps I Update CF management maps I Township FD office and CFUSG MC members to confirm and share content of CF proposal (MP and map) If CFUSG to submit updated CF crosposal to township FD Issue CF certificates to the CFUSG's based on the proposals as per the CF instruction (CFI) I Prepare evaluation criteria for issuing CF certificate I Issue certificates for CFUSG's with MP developed by Project 4 certificates issued I Issue certificates for CFUSG's with MP developed by Project 4 certificates issued 5 certificates 4 certificates issued 5 certificates 5 certificates 6 certificates 7 certificates 6 certificates 7 certificates | | | Prepared meeting records | | | | | | | | | | | | T | ŀ | t | F | | | | ditto | ditto | JE PCD | | | |
| e Township FD office and CFUSG MC members to confirm and Finalized CF proposal share content of CF proposal (MP and map) If CFUSG to submit undated CF proposal to township FD Issue CF certificates to the CFUSGs based on the proposals as per the CF Instruction (CFI) Prepare evaluation criteria for issuing CF certificate Issue certificates for CFUSGs with MP developed by Project Issue certificates for CFUSGs with MP developed by Project 4 certificates issued Issue certificates for CFUSGs with MP developed by Project 4 certificates issued Issue certificates for CFUSGs with MP developed by Project 4 certificates issued Issue certificates for CFUSGs with MP developed by Project 4 certificates issued Issue certificates for CFUSGs with MP developed by Project 4 certificates issued Issue certificates for CFUSGs with MP developed by Project 4 certificates issued Issue certificates for CFUSGs with MP developed by Project 4 certificates issued | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| share content of CF proposal (MP and map) I CFUSG to submit undated CF proposal to township FD Submit issue CF certificates to the CFUSG shased on the proposals as per the CF Instruction (CFI) Prepare evaluation criteria for issuing CF certificate Prepare evaluation criteria for issuing CF certificates Prepare evaluation criteria for issuing CF certificates Prepare evaluation criteria for issuing CF certificates Insue certificates for CFUSGs with MP developed by Project 4 certificates issued | | | | | | | | Ш | Ц | | | | Ш | | - | 1 | - | | 1 | | 4 | | | | CD | | |
| Issue CF certificates to the CFUSGs based on the proposals as per the CF Instruction (CFI) Prepare evaluation criteria for issuing CF certificate Issue certificates for CFUSGs with MP developed by Project 4 certificates 4 certificates 4 certificates 5 certificates 4 certificates 5 certificates | | share content of CF proposal (MP and map) | | | | | | | | | | | | | | | | | | | | | | | | | |
| per the CF Instruction (CFI) certificates Prepare evaluation criteria for issuing CF certificate Prepare devaluation criteria | | | | Ц | | | | Ц | | | | | Ц | | - | | | | | | 4 | 06.14.0 | | | | | |
| 2 Issue certificates for CFUSGs with MP developed by Project 4 certificates issued datto datto DE CA, C Same activities as 1 | | per the CF Instruction (CFI) | certificates | | | | | | | | | | | | | ľ | | Ħ | | | | Director of A YW | 30,700. | 0.00.000.000.000.000 | ordinator), | | |
| | 1 | CORP. CORP. CO. Corp. Co | - | | | | | | | | | | | | | ŀ | 1 | | Ī | | | ditto | | | | | |
| | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | Same activities as 1.5 |

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| 14 July, 2011 | | | | | | | | | DPO2 | | | | | | | | | | 21 |
|---|---|-------|--------------|------------------|---------|----------------------|--------|------------------|-------------------|----------------|----------|------------------|--|----------------|------------------|--|---|-------------------|--------------------------|
| | Expected Results During Project Period | 200 | 07 | 20 | 800 | 2 | 009 | Sched | ule 2010 | Т | 2011 | Ŧ | 2012 | 13 | | · · | Other Major Ir | puts | ******** |
| Activity as per PDM2 | | MFY/. | | 07 Ver- Appr- | FY 2008 | Zen- Apr. Mar Zen | FY 200 | Jan Ag Mar Ja | FY20 pe- Aub O | 10 let Jer- | Age No. | 2011 Oct. No. | FY 20 by App. No. 0 by App. Sep. D | 012 Dec Mar | Person in charge | Implementors | Japanese | Myanmar | Rem arks |
| a District FD office to submit updated CF proposals received from township offices to regional FD office | Submission letters | | | Ī | | | | | | | | • | | | ditto | ditto | JE: CA, C | | |
| b District FD office to receive CF certificates from Regional FD office | Issued CF certificates | | П | | | | | | | | | 1 | | | ditto | ditto | JE: CA, C | | |
| | Cerem ony records | | | | | | | | | | | ľ | | | FPM | SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP), DRO, Forester (KDK,KKK,PND,PNL) | JE: C, CA | | |
| 6 Assist the CFUSGs in implementing the certified CF Management Plans | CF activities implemented as per CFMP (annual report) | | П | | | | | | | | | | | | FPM | SOs(LPT, BGL, PYP), ROs, DROs, Foresters (KDK,KKK,PND,PNL) | JE: PCD, MF, MA (marketing) | | |
| 6.1 Prepare assisting plan for implementation of CF activities by CFUSG | Prepared plan | | F | | | | | | | | - | П | | | ditto | ditto | JE: PCD, MF, MA, CA | | |
| | CF activities implemented as per CFMP (annual report) | | П | | | ŀ | • | • | • • | • | | | | • | ditto | ditto | JE: PCD, MF, MA, | | Same activities as 1.6.3 |
| | CF activities implemented as per CFMP (annual report) | | П | | | | | П | 1 | • | • | • | 1 1 | - | ditto | ditto | ditto | | |
| a Provide necessary amount and type of seedlings to CFUSG as per CF MP | Seedling distributed as per request in CF MP (seedling distribution records) | | П | | | | | | + | | - | П | - | | ditto | ditto | ditto | | |
| b Provide necessary technical guidance to CFUSG for implementation of CF activities | Prepared records | | П | | | | | | | | • | • | 1 | | ditto | ditto | ditto | | |
| c Provide necessary support to CFUSG for monitoring of CF activities | Prepared records | | П | | | | | | | | • | • | 111 | | ditto | ditto | ditto | | |
| d Provide necessary information/support to CFUSG related to production, harvesting and selling of CF products | Knowledge about production, harvesting, selling of CF products increases (prepared records, distributed materials) | | П | | | | | | | | | • | | | ditto | ditto | ditto | | |
| removal pass, etc.), if applicable | Implementation of harvesting and selling (prepared records, sales/ removal records) | | | | | | | | | | | • | | | ditto | ditto | ditto | | |
| 7 Implement various capacity strengthening programs to enhance the income levels of the CFUSGs in partnership with Cooperating Agencies such as Department of Fisheries (DOF), Myanma Agriculture Service (MAS), and other institutions. | Income/profit gained to CFUSG from implementation of capacity strengthening programs | | | | | | | | | | | | | | FPM | SOr(LPT, BGL, PYP), ROs, DROs, Foresters (KDK,KKK,PND,PNL) | JE: PCD, MF, FC (fish culture) and MA LC: material cost/ operation cost for implementation of programs | MAS, DoF, SLRD | |
| 7.1 Design the programs based on needs | prepared implementation programs | | Ħ | | | | | П | | | | | | | ditto | ditto | ditto | | |
| 7.2 Review and update the programs | Revised programs | | П | | | | | | | | | | | | ditto | ditto | JE: PCD, MF, FC, MA, CA | , | |
| a Revise implementation plan of capacity strengthening programs by CFUSG | Prepared plan | | | | | | | | | | ī | | | | ditto | ditto | JE: PCD, MF, FC, MA | | |
| b Prepare assisting plan for implementation of capacity strengthening programs by CFUSG | Prepared plan | | | | | | | | | | ł | | | | ditto | ditto | ditto | | |
| 7.3 Assist the CFUSGs I | Income/ profit gained from implemented programs (implementation records) | | П | | | | | ı | Т | | • | | 111 | | ditto | ditto | ditto | | Same activities as 1.7.4 |
| | ditto | | | | | | | | • | | 1 | | 4 | | ditto | ditto | ditto | | |
| a Formulation/ activation of subgroups | Subgroup member list, by-law | | | | | | | | | | | | | | ditto | ditto | ditto | | |
| b Agroforestry | Knowledge/ production/ profit gained | | | | | | | | | | | | | | ditto | ditto | ditto | MAS | |
| c Fish culture | Knowledge/ production/ profit gained | | | | | | | Ц' | | 1 | | | | | ditto | ditto | ditto | DOF | |
| d Fast growing & value added wood production | Knowledge/ production/ profit gained | | | | | | | ш | | | | | | | ditto | ditto | ditto | | |
| e Harvesting of products | Knowledge/production/ profit gained | | \mathbf{H} | | | | - | Н- | | | | | | | ditto | ditto | ditto | | |
| f Trading and selling of products Assist non-CF target villages already with Project | Knowledge/ production/ profit gained Income/ profit gained from implemented programs | | H | | | | | • | 41 | • | | | 111 | | ditto ditto | ditto ditto | ditto JET: FC | | |
| intervention (2 in total) a Formulation/activation of subgroups | (implementation records) Subgroup member list, by-law | | Н | L | | | | Щ | | | | | | 4 | ditto | ditto | ditto | | |
| b Fish culture | Knowledge/ production/ profit gained | | | \blacksquare | | | | Η. | | | | | | | ditto | ditto | ditto | DOF | |
| 8 Monitor and evaluate the implementation of the certified CF | Implementation in accordance with CF MP (Monitoring Records/ reports) | | П | | | | 1 | | Ī | I | | | | 1 | FPM | SOs(LPT, BGL, PYP), ROs, DROs, Foresters (KDK, KKK, PND, PNL) | JE: PCD, MF | DOF | |

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|---|---|------------------|--------------|-----------------|-------|----------------|--------------------|--------------|------------|-------------|-----------------|--------|-----|-------------------------|----------------|-------|---------|-----------------------------|---|---|---------|---|
| Activity as per PDM2 | Expected Results During Project Period | | 07 | 20 | 008 | | 2009 | S | chedu 2 | ile :010 | I | 2 | 011 | I | | 12 | 13 | Person in charge | Implementors | Other Major In | puts | Rem arks |
| Activity is per PDR12 | | Apr. Mi Am Se | | n Apr le Jan | FY200 | t- Jan- | Apr. Au Am. Sep | 2009 Oct- | lar Apr | FY2 | 000 Ja Dec M | ar Aqu | FY2 | 011 0d: Ju Dec Ma | n- Apr- | FY201 | t- Jun- | rerson in charge | implementors | Japanese | Myanmar | Rem arks |
| .8.1 Draft/up date monitoring plan and forms in accordance with certified CF MPs | Prepared monitoring plan and forms | | | | | H | | | T | | | • | | | Г | | | ditto | ditto | ditto | | |
| 8.2 Monitor progress/ achievement | Repaired monitoring records, reports | | | | | П | | | | | | | | | | | . 🗖 | ditto | ditto | ditto | | |
| .9 Conduct impact survey regarding the effects of CF on the livelihoods of the members of the CFUSGs. | Project intervention to contribute to livelihood of CFUSG members (Result of evaluation, lessons learnt | | П | | | П | | П | | | | Τ | | - | | | | FPM | SOs(LPT, BGL, PYP), ROs, DROs, Foresters (KDK, KKK, PND, PNL) | JE: PCD, (MF) | | |
| 9.1 Draft/up date implementation plan and forms | Prepared plan and forms | | | | | П | | \Box | | | | 1 | | 4 | П | | | ditto | ditto | ditto | | |
| 9.2 Conduct field survey | Survey records | | П | | | П | | П | | | | | | | | | | ditto | ditto | ditto | | |
| .9.3 Compile impacts, issues, lessons learnt regarding effects of CF on the livelihood of the members of CFUSGs | Compiled results (in report) | | П | | | П | | П | | | | | | | П | - | | ditto | ditto | ditto | | |
| Output 2: The management and the support system of the Forest D ffective. | epartment (FD) for CF is | П | П | T | П | П | Т | П | 1 | П | T | T | П | Т | П | | Т | PM (Overall) | | | | 1 |
| 1.1 Identify necessary activities for CF management and CF extension & support by each Reserve Forest (RF) based on review of the CF contents of the Integrated Managrove Management Plan (IMMP). | Identified activities for CF management and CF extension & support. | - | П | | | | | | | | | 1 | • | • | Ī | | | Project Coordinator (PC) | A YW Director, PC, FPM, SOs, ROs | JE: CA | | Explanation of IMMP by JET to FD counterparts first year and when new counterparts were assign |
| 1.1 Review CF contents of IMMP | Prepared mem os/ record for review | 1 | | | | | | | | | | _ | | | | | | ditto | ditto | ditto | | 1 |
| 1.2 Identify necessary activities for CF management and CF extension and support | Prepared list of identified activities | | П | Г | | П | | П | | | | ŀ | 1 | - | | | | ditto | ditto | ditto | | |
| 1.3 Incorporate identified activities in respective APOs and implementation plans | Updated APOs and plans | | П | Т | | П | | П | | | | T | • | 1 | • | | | ditto | ditto | ditto | | |
| 2.2 Confirm the roles and responsibilities of the technical members of CF Task Force (technical MCFTF) for the identified activities. | Confirmed roles and responsibilities of MCFTF to improve CF management and support | | · | Ī | | П | | П | | | - | | • | - | Г | | | PC | AYW Director, PC, FPM, SOs, ROs | JE: CA,TE (Training and Extension), (PCD) | | During 2007, as part of Needs Assessment of Ca task force, confirmed rol |
| 2.1 Identify required roles and responsibilities of technical MCFTF | Identified roles and responsibilities | | П | T | | П | | П | | П | | ľ | 1 | | • | | | ditto | ditto | ditto | | and responsibilities of C Task Force |
| 2.2.2 Compile, identified roles and responsibilities of respective levels of MCFTF in project operation manual | Updated project operation manual | | П | T | | П | | П | | П | | | • | • | • | | T | ditto | ditto | ditto | | |
| 2.3 Assess the needs of the technical MCFTF (e.g. financial, logistics and human resource development needs) to implement the identified activities. | Confirm needs which enable to improve CF management and support of MCFTF (result of assessment) | | · | T | | I | | П | | | | ŀ | • | - | Ī | | | ₽C | AYW Director, PC, FPM, SOs, ROs | JE: CA,TE, (PCD) | | Conducted Need Assessment of CF Task Force during FY2007 |
| 2.3.1 Conduct needs assessment of MCFTF | Compiled assessment record | | | | | | | | | | | | | | | | | ditto | ditto | ditto | | |
| 2.3.2 Review and reconfirm need of MCFTF | ditto | | | | | | | | | | | • | | _ | | | | ditto | ditto | ditto | | |
| 3.3 Organize workshop(s) to confirm training needs and draft training plans/ SOP preparation plan | Confirmed training needs and requirement for SOP (prepared workshop records) | | | | | | | П | | | | | | ľ | | | | ditto | ditto | ditto | | |
| 3.4 Compile training needs of MCFTF | Compiled and reconfirmed training needs (prepared training needs and training plan) | | | | | | | | | | | | | • | • | | | ditto | ditto | ditto | | |
| 14 Develop training plan & materials based on the assessment of the human resource development needs conducted in 2.3. | Training plan and materials reflecting needs of MCFTF and to improve CF management and support to be developed | | | | | | | | | | | | | | | | | PC | FPM, SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP) | JE: TE, PCD, MF, FC, CA | | Training may include Of training through existing CFtraining course, and development of CF training program for |
| 4.1 Develop overall training plan and training materials | Prepared training plan and materials | \sqcup | \vdash | 4 | | ш | Ц | Н | _ | ш | _ | 4 | | | | | | ditto | ditto | ditto | | mangrove, etc. |
| a Based on results of workshop (2.3), design training plan | Prepared plan | | Н | L | | Ш | Ш | Ц | 1 | Н | 4 | 1 | | 4 | Н | | Ц | ditto | ditto | ditto | | Development of CF training program/ |
| b Based on results of workshop (2.3), design SOP preparation plan | Prepared plan | Щ | Ш | L | Ц | Ц | Ш | Ц | | Ш | 4 | L | | _ | Ц | | Ц | - | 1000 | 1000 | | materials for mangrove (based on the existing on |
| c Develop training materials based on finalized training plan | Prepared training materials | | \sqcup | ┸ | | \blacksquare | | \sqcup | | | _ | 1 | | | ш | | ш | ditto | ditto | ditto | | such as CFDTC is being |
| 4.2 Update the training materials based on feedbacks | Updated training plan and materials | | \mathbf{H} | - | | ш | | \vdash | _ | | 4 | + | | - | \blacksquare | 4 | 4 | ditto | ditto | ditto | | considered |
| 5 Train the technical MCFTF according to the plan | Training courses implemented and participated by selected trainees as per plan (Implemented training courses and evaluation records) | | | | | | | | | | | | | Ť | | | | FPM | SOs (LPT, BGL, PYP), ROs (LPT, BGL,PYP) | JE: TE, PCD, MF, AF, FC LC training material and operation cost | | |
| 5.1 Implement & monitor the training program | Implemented training courses (number of participant) | | П | | | | | | | | | | | + | | | | ditto | ditto | ditto | | |
| a implement training program based on plan | Prepared implementation records | | | Г | | П | | | | | | T | | | | | | ditto | ditto | ditto | | |
| b organize feedback interview/ survey to review and monitor results of training programs | Prepared feedback records | | \prod | | | | | | | | | | | • | | | | ditto | ditto | ditto | | |
| 2.5.2 Evaluate the training program & conduct the follow-up as appropriate | Result of evaluation (ACR, SOP) | | П | | | | | П | | | | | | | | | • | ditto | ditto | ditto | | |
| * | • | _ | | _ | | _ | _ | | | _ | _ | _ | _ | | _ | _ | _ | | | | | |

The Integrated Mangrove Rehabilitation and Management Project through Community Participation in the Ayeyawady Delta

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| 14 July, 2011 | | | | | | | | | | | DPO2 | 2 | | | | | | | | | | | | 4/7 |
|---|---|--------------|---------------|----------------|--------|----------|---------|-------------|-------|---------|-------------|--------|-------|------------|----------|-------------|------|------------------|------|------------------|---|----------------------------------|---------|---|
| | Expected Results | | | | | | | | Se | hedul | e | | | | | | | | | | | Other Major Ins | out. | 11 |
| Activity as per PDM2 | During Project Period | | 007 7/JEY2 | 002 | 2008 | 2002 | 2 | 009 | 000 | _ | 010 FY20 | 110 | - 2 | 2011 FY | | Ц | 201 | 12 Y 201 | 13 | Person in charge | Implementors | Outer Major In | puts | Remarks |
| | | | Må Oct | Jun A | gr Mi- | Oct. Je | er Ape- | 765 Sec. | Dec M | | No C | Oct Je | er Ap | n Xá | | Jen- Mer | Apr. | All On Sep De | Dan- | | | Japanese | Myanmar | |
| a Organize feedback meetings/ workshops to evaluate training | | | | | | | | | | | | | | | | | | | | ditto | ditto | ditto | | |
| b Based on evaluation, revise training plan and its programs | Revised plan, programs, SOP | ш | | _ | | | | | _ | _ | | _ | _ | | | Ц | I | _ | ш | ditto | ditto | ditto | | |
| 2.6 Construct/renovate the CF Extension Centre & Nursery in each | Completion of facilities construction/ renovation at 4 CFECNs | | | | KKKL | Renove | tion | | - | - | | - | ч | | П | п | П | - | 1 | FPM | SOs (LPT, BGL, PYP), ROs | JE: CA, GIS LC Renovation and | | KKKL: Kwa Kwa Ka Lay CFECN |
| RF | renovation at 4 CFECINS | | | | | П | 1 | ' | | kr X .S | ' | | ı | | П | П | Ш | | ш | | (LPT, BGL,PYP) | Construction Cost of | | TYK: Thar Yar Kone |
| | | | | | | ш | | | - | | | | | | | | Ш | | | | | Facilities | | CFECN |
| 2.6.1 Prepare design and implementation plan | Prepared design and plan | | | | | | | | | | | | | | | | П | | | ditto | ditto | ditto | | BYM: Byone Hrawe |
| 2.6.2 Conduct construction/ renovation based on design/ plan | Constructed/renovated facilities | | | | | | | | | | | | | | | | | | | ditto | ditto | ditto | | CFECN |
| 2.6.3 Conduct maintenance and repair based on necessity | Maintenance records | | | | | П | 1 | | | | | - | 4 | | | 3 | П | - | 1 | ditto | ditto . | ditto | | TGT: Htaung Gyi Tan CFECN |
| | 1 | | | | | ш | | | - | | | | ı | | П | П | Ш | | ш | | | | | (HKT: Hnget Kyi Taung |
| | 1 | | | | | ш | | | - | | | | ı | | П | П | Ш | | ш | | | | | CFECN) |
| 2.7 Provide extension services and support to the CFUSGs in each | Necessary extension services and | П | | | | П | 1 | П | 7 | Т | | | Т | 1 | | | | | П | FPM | SOs (LPT, BGL, PYP), ROs | JE: PCD, TE | | Through Activities 1.3~1.7 |
| RF | support provided to target CFUSGs | | | | | ш | 1 | | - | | | | ı | | | П | П | | ш | | (LPT, BGL,PYP) | | | |
| 2.7.1 Develop extension materials | based on prepared extension materials Prepared extension materials | ++ | | | - | Н | - | Н | + | - | Н | + | + | | | Н | Н | _ | Н | ditto | ditto. | ditto | | |
| a prepare implementation plan for extension services & suppo | | ++ | | | | + | + | | + | - | | + | + | | F | Н | Н | | Н | ditto | ditto | ditto | | |
| b Develop extension materials based on plan | Prepared materials | + | | H | | + | + | | + | - | | + | + | | - | Н | Н | | Н | ditto | ditto | ditto | | |
| 2.7.2 Implement extension services & support (i.e. Activity 1- | Prepared work/ monitoring records | 11 | | | | \vdash | 1 | | + | 1 | | | 1 | | ١. | 1 | | | | ditto | ditto | ditto | | |
| 2.8 Carry out public awareness campaigns regarding CF and the | Implemented campaigns to contribute | П | | | | - | - | П | | | | | | | | | _ | | F | FPM | SOs (LPT, BGL, PYP), ROs | JE: TE | | Extension Division under |
| conservation of mangrove forests | to mangrove conservation/ | 11 | | | | | -1 | | Т | 7 | | | | | Г | П | П | T | 11 | | (LPT, BGL,PYP) | LC material and operation | | FD may be able to |
| | rehabilitation (campaign materials, | | | | | ш | 1 | | - 1 | | | - 1 | ı | | ı | П | Ш | | ш | | | cost for public awareness | | collaborate with the |
| | campaign records) | ₩ | | Н | - | Н | - | Н | - | - | Н | - | - | | \vdash | Н | Н | _ | Н | F | F-CO- | Form | | Project in some part of the activities |
| 2.8.1 Identify the target for public awareness | Identified target groups | \bot | | | | Щ | _ | Ц | _ | _ | Ц | _ | 1 | 1 | L | Ц | Ц | | ш | ditto | ditto | ditto | | acuvides |
| 2.8.2 Develop/ update a public awareness plan | Prepared plan | \vdash | • | | _ | Н | _ | Н | _ | - | | - | - | | \vdash | | Н | | | ditto | ditto | ditto | | |
| 2.8.3 Carry out the plan | Implementation records, result of evaluation | | • | | | I I | -1 | | • | - | * | | • | | • | 1 | Н | | 1 | ditto | ditto | ditto | | |
| a carry out activities in accordance with the plan | Prepared records | ++ | | | | | - | н | | ٠, | | | • | | | | Н | | | ditto | ditto | ditto | | 1 |
| b Monitor and evaluate result of public awareness activities | Results of evaluation | \Box | | | | | | | | | | | | | | ī | | | | ditto | ditto | ditto | | 1 |
| 2.9 Draft detailed SOP for CF for the mangrove forests based on ti | e SOP (English, Myanmar) to be | \mathbf{H} | | | | | | Н | | 7 | | | 1 | | Н | | H | | Н | PC | FPM, SOs (LPT, BGL, PYP), | JE: TE, PCD, MF, AF, FC | | |
| existing SOP of the FD (i.e. Departmental Instructions) and | approved and utilized by FD | | | | | ш | 1 | | - | | | | ı | | П | П | Ш | | ш | | ROs (LPT, BGL, PYP) | LC preparation cost for | | |
| feedback from the Project activities | | | | | | | | | | | | | | | | | | | | | | SOP | | |
| 2.9.1 Develop an initial draft | Prepared draft SOP | П | | | | П | • | | T I | | | • | Т | | | | П | | | ditto | ditto | ditto | | |
| a Based on SOP preparation plan (activity 2.4), draft SOP | Drafted SOP | \Box | | | | П | 1 | П | 1 | 1 | | | | | | | П | | П | ditto | ditto | ditto | | |
| b Share and review prepared SOP among MCTF and other | Prepared comments/records | + | | | | \vdash | - | Н | + | 1 | | + | + | | г | | Н | | Н | ditto | ditto | ditto | | |
| relevant FD offices | 100 A 200 C C C C C C C C C C C C C C C C C C | | | | | ш | | | - | | | | ı | | L | П | Ш | | ш | - | 5555 | 74.90% | | |
| 2.9.2 Finalize the draft. | Finalized and approved SOP | \Box | | | | П | | | 1 | | | | T | | Г | | | | • | ditto | ditto | ditto | | |
| a Based on comments and feedbacks, finalize draft SOP | Finalized SOP | \Box | | | | П | 1 | П | 1 | 1 | | 1 | T | | Т | П | | - | • | ditto | ditto | ditto | | |
| b Get approval of finalized SOP by FD-DG | Approval letter | | | | | \Box | | П | 1 | | | | 1 | | Т | | Н | | | ditto | ditto | ditto | | |
| Output 3: Some silvicultural techniques for the rehabilitation an | d the management of the mangrove | т | | \blacksquare | | т | _ | П | ╅ | _ | П | _ | + | | т | П | Н | | П | Overall: PC | | | | |
| and its associated forests for the Ayeyawady Delta are established | | \mathbf{I} | | | | ш | | ш | | | ш | | п | | L | ш | Ш | | Ш | CONTROL OF THE | | | | |
| 3.1 Conduct surveys for identification of silvicultural techniques for | e Silvicultural techniques important for | 1 | | | | Н | - | | - | - | | - | ٠ | | - | Н | Н | | н | FPM | SOs (LPT, BGL, PYP), ROs | JE: MF | | In the FY2007 conduct |
| both community and non-community forestry with respect to the | e mangrove rehabilitation to be | L | ┰ | | | ш | 1 | | - 1 | | | - 1 | ı | | П | П | Ш | | ш | | (LPT, BGL, PYP) | LC | | surveys to determine over |
| eco-geographical / management zones in the Ayeyawady Delta | identified (survey records and plans | | | | | ш | 1 | | - | | | | ı | | П | П | Ш | | ш | | | | | all test designs for ARP. |
| 3.2 Prepare the specific Action Research (AR) test designs for eac | prepared based on surveys) | | | Н | - | Н | - | Н | + | - | Н | + | + | + | Н | Н | Н | - | н | 7773.6 | CO. CIPT DCI. DVIV. DO. | TP. ACP | | |
| 3.2 Prepare the specific Action Research (AR) test designs for eac of the identified silvicultural technique (e.g. seedling | AR designs and plans to be developed in accordance with identified | 11 | | | | | ı | | | | | | | | | | Ιl | | | FPM | SOs (LPT, BGL, PYP), ROs (LPT, BGL, PYP) | JE: MF | | |
| production, planning designs and methods, thinning, pruning, | silvicultural techniques | | | | | ш | 1 | | - 1 | | | - 1 | ı | | П | П | Ш | | ш | | (111, 201, 111) | | | |
| forest management). | • 000 | | | | | ш | | | - 1 | | | | ı | | П | П | Ш | | ш | | l | | | |
| 3.2.1 Prepare the specific design | Prepared AR design | П | | | | \Box | 1 | Н | + | 1 | | | 1 | | | Н | H | | П | ditto | ditto | ditto | | |
| 3.2.2 Prepare an annual execution plan | Prepared annual plan | 11 | 1 | | п | H | | п | - | | W | | | | т | Н | H | | П | ditto | ditto | ditto | | |
| 3.3 Execute the AR in each RF | AR implemented as per designs/ plans | 11 | | 1 | | H, | _ | Ħ | + | | H | | - | | | Н | Н | | Н | FPM | SOs (LPT, BGL, PYP), ROs | JE: MF | | |
| TOTAL MICHAEL BI COULTE | (implemented sites, records/ reports | 11 | | | • | | II | | | П | | T | IV | | | | Ιl | | | | (LPT, BGL, PYP) | LC material and operation | | |
| | based on implementation of AR) | | | | | | Т | | + | ٠ | | | | | | | Ιl | | | | | cost for AR activities | | |
| 3.3.1 Implement activities in accordance with annual execution pl | in AR implemented sites recorde/ | ++ | | | | + | - | | + | - | | Ŧ | F | | | Н | Н | | Н | ditto | ditto | ditto | | |
| and supplied the state of the second state and the second of the | reports based on implementation of | | | | | ı | | | | | | | | | | | Ιl | | | | ***** | ***** | | |
| | AR. | ₩ | | | | ш | 1 | | _ | L | | | 1 | | | | Ц | | μ | | | | | |
| 3.3.2 Prepare and install ARP signboards | Installed ARP signboards and plot | H | | | | ı | | | | | | | | | | | П | | | ditto | ditto | ditto | | |
| | description signboards | Ш | | | | ш | L | | | | | | | | | | Ш | | | | | | | |

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| Program and continued and assessment file. Separate processing and description for the continued and assessment file and continued file. Separate processing and description file. Separate pro | Doning Provide Personal Pers | | 14 July, 2011 | | | | | | | | | L | PO2 | | | | | | | | | | | 5/7 |
|--|--|-------|--|--|-------------------------|---------------------|------------------|----------------|--------------------|------|---------------------|-------------|-----------------|--------|---------------|-------------------------|------|--|-------------|---|----------------|--------------------------|---------|--|
| Substitution of the Conference | Activate of performance of the p | | | | 20 | 07 | 20 | 08 | 2 | 009 | Sch | | | Т | 201 | 1 | | 2012 | 13 | *************************************** | | Other Major In | puts | |
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| | | | relevant authorities (e.g. agriculture, fisheries, settlement and land records) at the Regional level to examine the underlying | Mangrove Management to be shared/ discussed among relevant authorities | | | | | | | | | | | • | • | | | | AYW Director | PC, FPM | LC meeting organizing | | concurrently with mangrove seminar as |
| 13 Table and rate and | 2 Hold coordination meeting at regional level Prepared meeting records/minutes datto | 1.1.1 | Pre-inform about coordination meeting to relevant authorities | Prepared letters | | | | | | | | | | | | • | | | | ditto | ditto | ditto | | |
| | Inchine continuents integrate a subsector inchine a manner. | 112 | Wold coordination meeting at regional level | Dranged meeting recorded mississ | H | ++ | | + | - | - | + | | - | H | H | | H | | \dashv | ditto | detto | deta | | |

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| | 1 | Expected Results During Project Period | 2 | 007 | | 2008 | $\overline{}$ | | 200 | 9 | Sci | heda 2 | ale 2010 | = | | 201 | 1 | Т | 20 | 12 | 1 | 3 | | Other Major Is | puts | |
| | Activity as per PDM2 | 2000 | MF) | /JFY20 | Jan Ag Mar Ag | FY pr. Mi- pr. Sep | 2008 0-a- | Jess I Mie | Apr. 3 | Y 200 | n Ju | ar Ap | FY n Sep | 2010 Oct | Jas Mar | Age- 2 Age 2 | Y 201 | Jan- | Ape- | FY2 | Date Ja | Person in charge | Implementors | Japanese | Myanmar | Rem arks |
| 4.1.3 | Consolidate and share meeting records among participants/ project stakeholders | Prepared letters, comments | П | | | | П | | | | T | ı | | | П | | ľ | | П | | 1 | ditto | ditto | ditto | | |
| 4.2 | Update the land use information on periodic basis based on the | Updated land use map and data to be | \mathbf{H} | | | | Н | П | | | + | | | П | П | | | ī | | | = | PC | SO + ROs (GIS Section), FPM | JE: GIS | | |
| | up-to-date satellite images for discussion by the coordination | utilized at coordination meeting and | П | | | | П | П | | | П | | | П | П | | | | П | | 1 | l | | 1 | 1 | |
| | motering incined a, increasing over an forest resource assessment | various project activities | П | | | | П | П | | | П | | | П | П | | | П | H | | - | l | 1 | 1 | 1 | |
| | of the region and mangrove forest conversion. | | Н | - | 4 | - | Н | Ц | 4 | _ | ╇ | 4 | - | Н | Ц | Н | 4 | ╙ | Н | Щ | 4 | | | W.C. | | |
| | Procure the satellite images | Procured satellite images for 2007, 2009, 2012 | Ц | H | | | Ц | Ц | _ | | | | | Ц | Ц | | | | H | | 1 | ditto | ditto | ditto | | |
| 4.2.2 | Develop/update the land use map based on analysis of the images | Prepared land use map and data | П | Ħ | | | П | П | | | ٠ | | | Ш | П | | | П | H | | ٦ | ditto | ditto | ditto | | |
| 4.2.3 | Confirm CF/ ARP area boundaries and integrate in land use | Prepared land use map and data | ++ | - | - | | Н | H | + | - | + | ╫ | | Н | Н | | | ٠ | Н | Н | + | FPM | SOs (LPT, BGL, PYP), ROs | JE: GIS, MF, CA | | |
| | map | | П | Ш | | | П | Ш | | | L | | | П | Ш | | Г | | Ш | | ı | | (LPT, BGL, PYP), DRO, Forester | | | |
| 4.3 | Organize seminars to promote synergies among the relevant | Project achievements to be shared | П | | 1 | | П | П | | 1 | 1 | | | П | | | - | | П | | • | PM, PC | FPM, SOs (LPT, BGL, PYP), | JE: CA, C(PCD, MF, TE, | | |
| 1 1 | sectors for the sustainable management of the mangrove | among relevant sectors (prepared | П | | | | П | П | | | П | | Plen | ning | E. | - 1 | | | | | - | l | ROs (LPT, BGL, PYP) | GIS, FC) | 1 | |
| | ecosystem in the Ayeyawady Delta. | agenda of seminars, memos of seminars) | П | | | | П | П | | | П | | | ĽΪ | П | | | | П | | - | | 1 | LC: Seminar organizing | 1 | |
| 4.3.1 | Prepare annual implementation plan(s) | Prepared plans | 11 | | | | Н | H | | | | | | Н | | 1 | | | Н | | 1 | ditto | FPM | ditto | | |
| 4.3.2 | | Prepared agenda, memos, records | | | | | | | | | | | | | | | | ı | | | | ditto | FPM, SO | ditto | | |
| 4.3.3 | Organize project final seminar | Prepared agenda, memos, records | П | | | | | | | | | | | | | | | | П | | | PM PM | PC, FPM, SO | ditto | | |
| 4.4 | Organize a coordination meeting with donors/NGOs active in | Interventions in Reserved Forest area | П | П | T | | П | | | | T | | | П | | | | | П | | | FPM | SOs (LPT, BGL, PYP), ROs | JE CA, C | | |
| | the Target Area at District Level | to be shared and discussed among | П | | | | ш | П | | | П | | | ш | П | | | | H | | 1 | | (LPT, BGL, PYP) DRO, | LC meeting organizing | 1 | |
| | | participants (prepared meeting | П | | | | ш | П | | | П | | | ш | П | | | П | H | | - | | Forester | cost | 1 | |
| 4.4.1 | Prepare list of donors/NGOs active in the target area | agenda, records/minutes) List of donors/NGOs | + | - | + | + | Н | Н | + | + | ┿ | ╬ | + | Н | Н | | + | ۰ | Н | Н | + | ditto | SO, RO | ditto | _ | |
| | | | Н | | 4 | + | Н | Н | - | + | + | + | - | Н | Н | 7 | _ | ┸ | Н | Ц | _ | | SO, RO, DRO | ditto | | |
| | Hold coordination meeting at district level | Prepared meeting agenda, records/ minutes | Ш | | | | Ш | | | | | | | | | | | | Ш | | | ditto | SO, RO, DRO | ditto | | |
| 4.4.3 | Consolidate and share meeting records among participants/ project stakeholders | Prepared meeting records/ minutes | П | П | | | П | П | | | I | | | П | П | | ľ | T | П | | 1 | ditto | SO, RO | ditto | | |
| Outp 2008) | ut X: Recovery from Cyclone Nargis is promoted (Additional Ou | tput after Cyclone Nargis in May | П | П | T | T | П | П | | | T | 1 | T | П | П | | T | T | П | | T | | | | | |
| X.1 | Prepare a hazard map based on analysis of damage of the | Prepared hazard map | ++ | _ | | | | ┪ | | | + | ╫ | | Н | Н | | + | + | Н | Н | + | PD, PM | GIS section | JE GIS | | |
| | cyclone Margis | | П | Ш | | Initia | map | | I | inal | n sp | | | Ш | Ш | | | | Ш | | | | | Eq: ALOS AVNIR- 2(2008) | | |
| Х2 | Conduct quick damage &recovery survey in the Target Area | Damage and recovery of survey | П | | ١. | | | | | | • | | | П | П | | | Т | П | | 7 | FPM, SOs | ROs | JE: PCD | | |
| | | villages to be identified (documented survey results (in reports)) | П | Ш | ľ | Т | TΙ | П | Τ | | Γ | | | Ш | П | | | П | Ш | | 1 | | | | | |
| Х3 | Conduct village profile survey in the Target Area | Village profile after cyclone of survey | \mathbf{H} | _ | _ | | | | | | | | | | | | + | + | Н | | + | FPM, SO | ROs | JE PCD, project staff | | |
| | | villages to be identified (documented survey results (in reports)) | П | Ш | | | П | П | | | | | | П | | | | | П | | ı | | | | | |
| X.4 | Conduct survey for recovery condition of mangrove vegetation | Recovery data of mangrove vegetation | | S | urvey | | | г | | 1 | + | ١. | | | П | | | + | Н | | + | SOs (LPT, BGL, PY | P) ROs (LPT, BGL, PYP) DRO | | | Report can be used in |
| | from damage of Cyclone Nargis in the Target Area | to be reflected into ARP and technical | П | 1 | | | П | П | | | П | | | | | | | п | u | | - | | Forester | LC: Labour cost for | 1 | District Management Pla |
| | | guideline (Result of analysis and | П | | | | П | П | | | П | | | Dat | a org | eniz at | on & | report | t. | | - | | 1 | survey. | 1 | |
| \Box | | evaluation in technical report) | Н | \perp | 4 | | Ц | Ц | 4 | _ | ┸ | 4 | - | Ц | Ц | Ц | 4 | ш | Ц | Ц | 4 | | | | | |
| | Set plots for survey | Records of survey | + | + | + | | Ы | | - | - | + | - | | H | Н | 4 | - | | H | | - | ditto | ditto | ditto | | |
| X.4.2 X.4.3 | Continue monitoring of plots | Records/ reports of monitoring Draft technical report/ guideline | 1-1 | - | + | | FI | Н | _ | - | - | - | | Н | Н | - | - | - | Н | H | + | ditto | ditto | ditto | _ | Plan Report prepared by |
| | Analyze results of survey and compile data/ information into draft technical report/ guideline | | Ц | Ш | | | Ц | Ц | | | | | | Ц | Ц | | 1 | L | Ц | | 1 | | | 4111 | | Sep. 2011 |
| X.5 | Rehabilitate the CF Extension Centre and Nursery in each RF including facility with cyclone proof structure | Completion of rehabilitation of facilities in CFECNs | Ц | | | | LG | Dexig | 25 | In | glem | estati | CEL | | | | | | \prod | | | FPM, SOs | SO, RO | JE: GIS, TE LC | SO, RO, DRO, FR | |
| X.6 | Support recovery or disaster prevention work of Implementation | Materials/ equipments for recovery | П | | T | | П | J | | L | 1 | | | | | | Т | | П | | T | FPM | SOs + ROs | JE PCD, MF | | |
| | and Cooperative Organizations in the Target Area through material supply | procured and distributed based on needs | П | Ш | | | Ш | h | | ľ | Ī | ľ | | | | | | | Ш | | | | | Eq: Pagu boat x 3, FRP boat x 2, coconut seedling: | , | |
| X.7 | Conduct public awareness activities on disaster prevention in the Target Area | Distribution of hazard map related public awareness material | П | П | | | П | П | | | T | | | | F | | T | | П | | T | FPM | SOs+ROs | JE TE, CA, C | | Activities to be integrated in Activity 2.8 after |
| 7/0 | | e | H | + | 4 | - | Н | Н | + | - | + | - | | Н | Н | | + | - | Н | | 4 | 777.6 | 00 P0 PP0 | TT- 01- 0 | | FY2011 |
| X.8 | Arrange necessary coordination among donors in the integrated | Share experiences related to cyclone | П | | | | | | | | 4 | | | | | | | | | | | FPM | SO, RO, DRO | JE: CA, C | | The Project participated relief and recovery |
| | mangrove management | recovery and reflect such in integrated mangrove management (Prepared | 1 1 | | | T | [| | | T. | | | | | | | | | | | | | 1 | 1 | | coordination meetings |
| Ш | | meeting records) | 니 | | | | \sqcup | | | | | | | | | | | | L | | | | | | | organized by UN. |
| 0. Ac | tivity related to project management and public relations | | П | | Т | T | П | П | Т | T | Т | | Т | | П | | Т | Г | П | | Т | PM | | | | |
| | | | _ | | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | _ | - | | | | |

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| | Expected Results | 2007 | 7 | 2008 | T | 200 | | hedule 201 | | - 20 | 011 | Т | 2012 | | 3 | | Other Major In | puts | |
|--|--|-----------------------|---------|----------|----------|---------|------------------------|---------------|---------------|---------|-----------------|-------|-----------------|---------|--------------------|------------------------------------|-------------------------|---------|---|
| Activity as per PDM2 | During Project Period | MFY/JF | FY2007 | FY | | F | Y 2009 | | Y2010 | | FY20 | 11 | F' | 72012 | Person in charge | Implementors | Japanese | Myanmar | Rem arks |
| | | Apr. Mil. Jan. Sep | Dec Mer | Jan Sep | Det Ma | Jan S | lad Oct. J kp Doc 3 | der Jan | Sep Dec | Mer Jan | Md- Or Sep D | o Mer | Apr. As Am S | p Dec 3 | te | | - | Luyamin | |
| Organize JCC at least once a year | Project progress / plans shared and decisions made in timely manner (Signed minutes of Meeting of JCC) | | | | | П | | П | | | | | | 1 | PD | PM, PC, FPM | JE: CA, C | | |
| 1 Organize JCC for approval of PDM2, PO2, DPO2, and APO2011 | ditto | | | | | П | П | П | | | | | | П | ditto | ditto | ditto | | |
| 2 Organize JCC for approval of indicators for PDM2, and APO2012 | ditto | | | | П | П | П | П | | | | | | | ditto | ditto | ditto | | |
| 3 Organize JCC in relation to joint terminal evaluation | ditto | | | | П | П | | П | | | | | | - | ditto | ditto | ditto | | |
| Organize JCC in relation to termination of the Project | ditto | | | | | П | | | | | | | | | ditto | ditto | ditto | | |
| Develop a DPO based on PO for approval by JCC | Approved DPO to be fully utilized by technical MCFTF staff | | | | П | П | П | П | | - | | П | | П | PD | PM, PC, FPM | JE: CA, C | | |
| 1 Draft DPO based on PO | Drafted DPO | | | | | Н | | | | | | | | | ditto | ditto | | | |
| 2 Conduct DPO review meeting and finalize DPO | Finalized DPO | | | | | | | | | | | | | | ditto | ditto | | | |
| Approve DPO at JCC (Activity 0.1) | Approved DPO | | | | | | | | | | | | | | ditto | ditto | | | |
| Develop an annual PO (APO) based on the DPO for approval by JOC | Approved APO for smooth implementation of Project activities | | | | | П | | | | | | | | П | PD | PM, PC, FPM | JE: CA, C | | |
| Draft APO based on DPO | Drafted APO | | | | | | | | | | | | | | ditto | ditto | ditto | | |
| 2 Conduct APO review meeting and finalize DPO | Finalized APO | | | | | | | | | | | | | | ditto | ditto | ditto | | |
| 3 Approve APO at JCC (Activity 0.1) | Approved APO | | | | | ш | | | | | • | | _ | | ditto | ditto . | ditto | | |
| Develop an annual report for review by JCC | Project progress and achievements to be timely shared at JOC (Prepared annual reports) | | | | | | | | | | | | | | PC | FPM, SOs (LPT, BGL, PYP) | JE: CA, C | | |
| Draft annual report based on progress and achievement of project activities | ditto | | | | | П | | П | | | | 1 | | 1 | ditto | ditto | ditto | | |
| Review the draft report and finalize | ditto | | | | | П | | | | | | | | | ditto | ditto | ditto | | |
| Organize internal project meeting regularly | Progress and issues confirmed and necessary actions to be taken in timely manners (Prepared meeting records) | | 1 | | | П | П | П | | • | • | 1 | - | | PC | FPM, SOs (LPT, BGL, PYP) | JE: CA, C | | |
| 1 Organize Township level meeting monthly (SO+RO+JET) | ditto | Н | | | | | | | $\overline{}$ | | | | | | SO: (LPT. BGL. PYP |) ROs under township | JE Team members on site | | |
| 2 Organize District level meeting quarterly (FPM+SO+ (RO)+(PC)+JET) | ditto | | | | П | П | П | П | | | I | I | | | FPM | SOs (LPT, BGL, PYP), (RO), (PC) | ditto | | |
| 3 Organize Project Management meeting quarterly (PM+PC +FPM+JET) | ditto | | | | | П | | | | | • | • | • | | PM | PC, FPM, | ditto | | |
| Monitor the achievement of the Indicators periodically | Indicators appropriately monitored to confirm achievement of outputs/ outcome | | | | | | | | | • | | | | | PC | FPM, SOs (LPT, BGL, PYP) | JE: CA, C | | |
| 1 Draft monitoring plan and forms | Prepared monitoring plan and forms | | | | \perp | ш | \perp | \bot | | | | | | | ditto | ditto | ditto | | |
| Monitor progress/ achievement | Prepared monitoring records, reports | \sqcup | | \vdash | \vdash | Н | \perp | \Box | | | <u> </u> | ш | Щ | 4 | ditto | ditto | ditto | | |
| Prepare for joint evaluation | Provide data/information readily available for evaluation | | | | Ш | Ц | Ш | Ш | | | | ľ | | | PC | FPM | JE: CA | | |
| Compile progress and achievement of project activities | Prepared reports | | | | ш | ш | | ш | | | | П | | 4 1 | ditto | ditto | ditto | | |
| Collaborate with joint evaluation mission and provide necessary information | Data/ information readily available for evaluation | | | | П | П | П | П | | | | | | Ħ | ditto | ditto | ditto | | |
| Follow up the recommendations of the review/evaluation | Recomm endations incorporated in Project and contribute to outputs/ outcome (Annual Completion Reports, relevant meeting minutes) | | | | | | | | | • | | • | • | • | PC | FPM | JE: CA | | |
| Integrate recommended activities into APO | Prepared APO | | | | | | | | | | | | | | ditto | ditto | ditto | | |
| Confirm progress/ achievement of recommended activities | Results/ records of follow up | | | | | П | | | | | | | | | ditto | ditto | ditto | | |
| and integrate results as part of monitoring | | $\sqcup \sqcup$ | | | ш | Ш | | ш | \perp | | | | Щ | | | | | | |
| Up date APO based on progress/ achievement of recommended activities | Prepared APO | | | | | Ц | | | | | | | | | ditto | ditto | ditto | | |
| Conduct public relations for the Project | Announce about Project and its activities (Prepared agendas, public relation materials) | | | | | | | | | | | | • | • | PC | FPM, SOs (LPT, BGL, PYP) | JE: TE, CA | | |
| Draft public relation plan | Prepared plan | | | | | | | | | | | | | | ditto | ditto | ditto | | |
| 2 Implement public relation plan | Prepared agendas, public relation materials | | | | | \prod | | | | | | T | I | • | ditto | ditto | ditto | | project brochures, webpage, news lette |
| Monitor and evaluate result of public relation activities | Records of monitoring/ evaluation | | | | | П | | П | | | | | | | ditto | ditto | ditto | | |
| | | | | | | | | | | | | | | | | | | | |

The Integrated Mangrove Rehabilitation and Management Project through Community Participation in the Ayeyawady Delta