

**Minutes of the 1st Regional Coordination Group
(RCG) Meeting**

19 October 2006

Hanoi, Vietnam

Table of Contents

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|---|----------|
| MINUTES OF THE 1ST REGIONAL COORDINATION GROUP (RCG) MEETING 19 OCTOBER 2006 HANOI, VIETNAM | 1 |
| A. BACKGROUND..... | 3 |
| B. INTRODUCTION | 3 |
| C. ORGANIZATIONAL AND PROCEDURAL MATTERS | 3 |
| D. FINDINGS AND RECOMMENDATIONS..... | 4 |
| 1. <i>Review of Term of Reference (TOR) for RCG and members of RCG.....</i> | <i>4</i> |
| 2. <i>Progress reports of China, Thailand and Vietnam.....</i> | <i>4</i> |
| 3. <i>Recommendations and endorsement of the RFO Progress and Work Plan</i> | <i>4</i> |
| 4. <i>Regional Workshop and RCG Meetings were organized</i> | <i>5</i> |
| 5. <i>Information material:</i> | <i>5</i> |
| 6. <i>Selection of new sites for demonstration to be included by countries in 2007</i> | <i>6</i> |
| 7. <i>Next RCG meeting – suggested April 2007 in China.....</i> | <i>7</i> |
| 8. <i>Other business.....</i> | <i>7</i> |
| E. CLOSING OF THE MEETING..... | 7 |
| Annex 1..... | 8 |
| Annex 2..... | 10 |
| Annex 3..... | 13 |
| Annex 4..... | 16 |
| Annex 5..... | 18 |
| Annex 6..... | 23 |
| Annex 7..... | 24 |

A. Background

As specified in Project Appraisal Document (PAD), Regional Facilitation Office (RFO) has the task of organizing yearly (twice in the first year) meetings of the Regional Coordination Group (RCG). The first RCG meeting was organized and hosted by Ministry of Natural Resources and Environment (MONRE) of Vietnam in Hanoi on 19 October 2006. It was organized back to back with Regional Workshop held during 17-19 October 2006 (agenda of Regional Workshop and RCG appear in Annex 1).

B. Introduction

RCG members from Guangdong Province and the Central Government of China, Thailand, Vietnam and FAO attended the meeting. There were observers from Project Management Office (PMO) from Guangdong Province of China, Thailand and Vietnam (list of participants appears in Annex 2).

The objective of the meeting was to provide high-level oversight over the project, to promote institutional buy-in and to promote the livestock waste management agenda in policy circles. As it was connected to the Regional Workshop, the RCG meeting can be used to gather together the main points arising from the workshop, ratify these, and make additional recommendations or notes as necessary.

C. Organizational and Procedural Matters

The opening of the meeting was presided over by the Chairperson, Dr Nguyen Van Tai, Deputy Director General, Department of Environment, MONRE and Vietnam RCG member, who welcomed RCG members from the three countries to the meeting. He requested the assistance of Dr Henning Steinfeld, Chief of FAO/LEAD and FAO RCG member in conducting the meeting.

H. Steinfeld informed the meeting on the resignation of Dr Bhavani Shankar, the previous project coordinator and introduced Dr Hans Wagner, the new project coordinator of the RFO. He then informed the meeting on items for discussion as follows:

- (1) Review of Term of Reference (TOR) and members of RCG
- (2) Progress reports of the three countries
- (3) Recommendations and endorsement of the RFO progress and work plan
- (4) Selection of new sites for demonstration to be included by countries in 2007
- (5) Next RCG meeting – suggested April 2007 in China
- (6) Other business

D. Findings and Recommendations

1. Review of Term of Reference (TOR) for RCG and members of RCG

The Terms of Reference (TOR) and the number of representatives to the RCG were reviewed. The participants accepted the TOR with some amendments:

The RCG accepted the proposal by the Chairperson that the RFO coordinator should act as a Co-Chair. It was further agreed that a final RCG meeting should be arranged at the end of implementation of the project, as planned in the Project Implementation Plan (PIP) of the RFO. A total of seven RCG meetings are indeed foreseen during the five-year project duration. Two meetings will be held in the first year and one in each of the following years. The meeting sites and modalities are also defined in the PIP.

The delegate from China inquired about the possibility of high ranking government officials attending the RCG meeting. It was agreed that, on a no objection basis, outside participants (mainly high government officials) can be allowed to participate as observers. Such participant could contribute to increase the project's visibility and long term impact in the countries. Details of additional participants shall be sent in writing to RFO and approved by RCG members.

The RFP informed the meeting about the modalities of substituting RCG members according to WB procedure/issue: (1) The membership in the RCG is 'ad personam' (approved by the WB) and the member should make every effort to attend; (2) In exceptional cases delegation is possible but the person has to come from the same institution/ministry as the legal person and this should be indicated in the delegation letter; (3) Only one delegation per country is acceptable per RCG meeting; (4) The PMO has to send the delegation letter to Mr. W. Zhou at the World Bank for 'no objection' with copy to the RFO.

2. Progress reports of China, Thailand and Vietnam

The Chair proposed to review the countries' progress reports. China RCG members however indicated that countries' progress had been discussed at length during the Regional Workshop and that there was thus no need for an additional review. Thailand and Vietnam seconded this motion and the agenda item was skipped. However, the RCG and PMO members formally endorsed the parameters and the sampling protocol for baseline monitoring as per Annex 4.

3. Recommendations and endorsement of the RFO Progress and Work Plan

H. Wagner presented the activities achieved since Effectiveness on 8 August 2006:

(1) The Regional Facilitation Office (RFO) has been established by FAO in the FAO Regional Office for Asia and the Pacific in Bangkok (FAORAP). A staff change was necessary as the designated Regional Project Coordinator resigned from FAO and had to be replaced. The RFO consists now of the following positions:

RFO Staff posted in Bangkok

- Hans-Gerhard Wagner, Senior Animal Production and Health Officer - Regional Project Coordinator

- Ron Van Nijnanten, Operations Coordinator

RFO Staff posted in Rome

- Henning Steinfeld, Chief, Livestock Information, Sector Analysis and Policy Branch – AGAL (Lead Technical Unit)
- Pierre Gerber, Livestock Policy Officer, AGAL

The RFO will be supported by ad-hoc technical consultants and a project assistant who will soon be recruited .

(2) FAO members of RCG are:

- Hans-Gerhard Wagner, Senior Animal Production and Health Officer
- Henning Steinfeld, Chief, AGAL
- Pierre Gerber Livestock Policy Officer, AGAL

(3) Consultants have been recruited to the following positions:

1. Spatial planning of livestock production (10 days) – Dr Gerrit Carsjens
2. Technical advisor on manure management and environmental monitoring and development of a decision support tool on nutrient management (60 workdays in three missions) – Dr Harald Menzi
3. Animal waste management engineer (50 workdays) – Dr Colin Burton
4. Technical backstopping on manure management and environmental monitoring (100 days 6 missions) – Dr Hong Lim Choi

Due to serious time constraints the full World Bank (WB) requirements for recruitment of consultants could not adhered to. A waiver was received from WB regarding the need to announce the positions for 4 weeks. Terms of Reference for the above positions had been prepared. CVs and Personal History Forms were obtained from a number of experts and the virtual Selection Task Force reviewed and selected the candidates.

The consultants undertook their first mission to Thailand, China and Vietnam and reported to the preceding workshop. The main tasks of the mission was to support the start of Component 1 activities and to finalize the baseline monitoring, to be presented and discussed at the Regional workshop and endorsed by the RCG. The full reports are awaited.

4. Regional Workshop and RCG Meetings were organized

The first Regional Workshop and RCG meeting were held in 17-19 October 2006. The RCG meeting is hosted by the Government of Vietnam.

Training needs for which direct or indirect RFO support is requested by the countries have been identified during the Workshop and are listed in Annex 7. PMOs will be contacted by the RFO to further evaluate and address their requirements.

5. Information material:

A draft project brochure has been prepared and circulated for endorsement by the RCG. A few amendments such as addresses and logos of the PMOs will be added. The brochure will be circulated for final approval. The participants suggested to translate the brochure into Chinese, Thai and Vietnamese. A pilot website will be soon established and circulated for comments by the RCG Members/PMOs.

The RFO requested countries to provide relevant documentation, publications and manuals (even if they are in local language) to the RFO for archiving. Indeed, the RFO is only able to properly serve the countries if it is kept up-to-date with the developments.

The Chairperson commended RFO on productive activities done since the effectiveness and noted that the website will be a valuable communication tool for countries for countries.

China RCG members requested to receive a quick feedback from backstopping missions implemented by the RFO. It was clarified that the consultants will submit reports within one month and RFO will then forward the reports to all countries. The chair agreed with China RCG and suggested that consultants prepare brief notes on their findings before they leave the countries. This suggestion was welcomed by the RFO.

China RCG members also suggested that FAO and the World Bank should combine consultants' missions to countries, in order to reduce burden on the PMO and Government Officials. The RFO proposed that organisational work could be reduced by making backstopping missions less formal. Such missions are indeed purely technical and no official meeting with high-rank officials is required.

China RCG members further proposed to invite WB officers to attend the RCG. The RFO understood from previous discussions with WB that WB considered the RCG meeting a country activity. The chair suggested that the host country would invite the WB task team leader to attend and, if WB decides to participate, a specific session on administrative issues would be organised; the rest of the meeting would focus on technical discussions and are limited to countries RCG and FAO.

The Regional Coordinator presented the work plan for the RFO for August 2006 to December 2006 and January 2007 to December 2007 (details are in Annex 5). China RCG members asked if project management trainings for countries' PMO could be included in the trainings organised by the RFO. H. Wagner clarified that the RFO budget is allocated specifically for technical trainings requested by PMOs. The RCG members endorsed the RFO activities and work plan

6. Selection of new sites for demonstration to be included by countries in 2007

The RFO stressed the need to urgently initiate the search for new project sites. The number of sites included in the first year activities is indeed very limited in comparison to the project's targets. A. Chiyakul (Thailand RCG) informed the meeting on Thailand Project Launching Workshop held in Bangkok on 19 September 2006, which attracted many new farmers. One large pig farm in Rachaburi showed interest to join the project in the second year.

S.Y. Li (China RCG) also informed the meeting that the plan for site selection in year two has been arranged. China RCG has concrete plan and ideas for new site selection.

The RFO encouraged PMO to act proactively and emphasized the importance of a fast move on new sites selection, otherwise the project might fall behind the schedule. The RFO then proposed include thorough discussions on new sites selection in the agenda of the next RCG meeting.

It was also made clear that the outline of a replication strategy is expected by December 2006 as specified in the key performance indicators at negotiations. The RFO indicated its availability to provide assistance upon request.

7. Next RCG meeting – suggested April 2007 in China

The RFO proposed the next RCG meeting be held in China in April 2007. China RCG members agreed to host the next meeting, but need to check their availability in April. China RCG members asked for clarification about the RCG meeting arrangement. H Wagner explained that the RFO will prepare the agenda in consultation with China RCG. As the next meeting will be no longer connected to the Regional Workshop, more issues will be discussed in the meeting (e.g. decision on Decision Support Tools), that will tentatively span over more than one day. H. Wagner also clarified meeting funding rules, as stated in the PAD.

H. Steinfeld (RFO) invited the PMOs to combine the RCG meeting with a field trip, national workshop, or other relevant activity. The Chairperson and participants agreed to the idea.

China RCG members commented that in April 2007, the ground activities in demonstration sites might not be finalized and that the RCG members may be invited to visit other sites. The RFO will soon contact China RCG regarding the agenda and field trip organization.

8. Other business

The RFO requested the RCG member to send all the project documents to RFO for internal dissemination and records.

E. Closing of the meeting

The RFO thanked the Vietnamese officials in MONRE for their hospitality and kind assistance, and to all RCG members for their contribution and productive discussions.

The Chairperson expressed his gratitude to all RCG members and the FAO for their full cooperation and contribution, and wished everyone a safe trip home.

Annex 1

LIVESTOCK WASTE MANAGEMENT IN EAST ASIA PROJECT

Combined Regional Workshop and Regional Coordination Group Meeting October 17-19, 2006, Hanoi

Agenda

| Tuesday 17 October | |
|--|---|
| 8.30 – 9.00 | Introduction: <i>Regional Facilitation Office (RFO)</i> |
| 9.00 – 9.30 | Introduction of participants |
| Session 1: Technology Demonstration | |
| 9.30 – 10.00 | Introductory remarks: <i>Colin Burton</i> |
| 10.00 – 10.30 | Country discussion: China Current situation for 1 st year's sites: <i>Project management Office (PMO) China</i> Observations and points arising from field trips: <i>Colin Burton, Hong Lim Choi</i> Plenary discussion |
| 10.30 – 11.00 | Coffee break |
| 11.00 – 11.30 | Country discussion: Thailand Current situation for 1 st year's sites: <i>PMO Thailand</i> Observations and points arising from field trips: <i>Colin Burton, Hong Lim Choi</i> Plenary discussion |
| 11.30 – 12.00 | Country discussion: Vietnam Current situation for 1 st year's sites: <i>PMO Vietnam</i> Observations and points arising from field trips: <i>Colin Burton, Hong Lim Choi</i> Plenary discussion |
| 12.00 – 12.30 | Plenary discussion |
| 12.30 – 14.00 | Lunch |
| Session 2: Environmental monitoring | |
| 14.00 – 14.20 | Current environmental monitoring plan in China: <i>Project management Office (PMO) China</i> |
| 14.20 – 14.40 | Current environmental monitoring plan in Thailand: <i>PMO Thailand</i> |
| 14.40 – 15.00 | Current environmental monitoring plan in Vietnam: <i>PMO Vietnam</i> |
| 15.00 – 15.45 | Presentation on Monitoring and Evaluation: parameters, methodology, capacities and data management: <i>Hong Lim Choi and Harald Menzi</i> |
| 15.45 – 16.00 | Coffee break |
| 16.00 – 17.00 | Plenary discussion lead by <i>Hong Lim Choi and Harald Menzi</i> |

| Wednesday 18 October | |
|--|--|
| Session 3: Decision support tools and capacity building needs | |
| 8.30 – 8.45 | Introduction: RFO |
| 8.45 – 10.00 | Group A: Nutrient fluxes and Manure management strategies: Discussion led by Harald Menzi and Colin Burton Group B: Spatial planning: Discussion led by Gerrit-Jan Carsjens |
| 10.00 – 10.30 | Coffee break |
| 10.30 – 12.30 | Group A (continued): Nutrient fluxes and Manure management strategies: Discussion led by Harald Menzi and Colin Burton Group B (continued): Spatial planning: Discussion led by Gerrit-Jan Carsjens |
| 12.30 – 14.00 | Lunch |
| 14.00 – 15.00 | Group A and group B presentations followed by general discussion |
| 15.00 – 15.30 | PHRD grant: Kurt Roos |
| 15.30 – 16.00 | Coffee break |
| 16.00 – 17.00 | Capacity building needs. Discussion chaired by the RFO. |

| Session 4: Policy and replication strategy development | |
|---|--|
| 8.30 – 8.40 | Introduction: RFO |
| 8.40 – 9.00 | Planned activities in China: PMO China Questions for clarification |
| 9.00 – 9.20 | Planned activities in Thailand: PMO Thailand Questions for clarification |
| 9.20 – 9.40 | Planned activities in Vietnam: PMO Vietnam Questions for clarification |
| 9.40 – 10.00 | Presentation on policy and replication strategy: RFO |
| 10.00 – 10.30 | Coffee break |
| 10.30 – 11.00 | Plenary discussion on policy and replication strategy lead by RFO. |
| Session 5: Communication | |
| 11.00 – 12.00 | Communication Strategy: Internal and external communication. Proposal by RFO Discussion |
| 12.00 – 12.30 | Closure |
| 12.30 – 14.00 | Lunch |
| 14.00 – 17.00 | Regional Coordination Group Meeting |

Annex 2

LIVESTOCK WASTE MANAGEMENT IN EAST ASIA PROJECT

Regional Coordination Group (RCG) Meeting 19 October 2006 Hanoi, Vietnam

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Annex 3

LIVESTOCK WASTE MANAGEMENT IN EAST ASIA PROJECT

Terms of reference (TOR) for the Regional Coordination Group

Members:

- Four representatives from Thailand;
- Four representatives from China - Guangdong;
- Four representatives from Vietnam;
- Four representatives from FAO LEAD

Duties:

- a. To review project progresses and make recommendations to the steering committees in the three countries and to the regional facilitation unit for a coordinated project implementation;
- b. to review and endorse the regional facilitation unit's work plan;
- c. to ensure the issue of manure management remains on the political and budgetary agenda of participating countries;
- d. to facilitate the gradual adoption of common policies and practices thereon between the partners; and
- e. to diffuse and publicise the project achievements in countries and regional organisation connected to the South China sea.

Meetings' organisation

- Meetings will be organised twice a year during the first year and once a year thereafter (7 meetings planned). Additional meetings can be organised upon request of one member and agreement of all members;
- the regional facilitation unit will propose meetings agenda and prepare minutes;
- the RCG meeting will be hosted by participating countries: first in Vietnam, then in China, then in Thailand and thereafter on a revolving basis;
- a representative of the country hosting the RCG meeting will be chairman of the group, until the successive meeting;
- the regional facilitation unit will pay for members' international travel and accommodation whereas the hosting country (revolving) will pay for the local costs associated with the meeting.

Members of the Regional Coordination Group Project Livestock Waste Management in Southeast Asia

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Annex 4

LIVESTOCK WASTE MANAGEMENT IN EAST ASIA PROJECT

Agreed common parameters and sampling protocol for monitoring

(to be further detailed in Workshop's proceedings)

Regional Workshop, Hanoi, 18 October

1. Ground Water

Set of core parameters that will be measured in each country

1. Total N
2. Fecal coliform

Baseline data collection:

- Sampling points per demonstration site: two or more
- Sample collection: 3 times or more before construction

Monitoring after construction:

To be decided after analysis of baseline data.

- If significant pollution ($>X$, value to be set): monitoring
- If not significant pollution ($<X$, value to be set): no monitoring

2. Surface Water

Set of core parameters that will be measured in each country

1. Total N
2. Total P
3. COD
4. BOD
5. Fecal coliform

Baseline data collection:

Thailand: Sa-ard Farm

China: Mashigang farm, Foling farm

Vietnam: Tu Duong village

Sampling:

- Points: upstream and downstream (10 lagoons in Vietnam)
- Frequency: at least 3 before construction

Monitoring after construction:

To be proposed by FAO International Consultants (Hong Lim Choi and Harald Menzi)

3. System Monitoring

Set of core parameters that will be measured in each country

1. COD
2. BOD
3. Total P
4. TKN
5. Ammoniacal N (to be checked in the case of China)

6. Nitrate and Nitrites
7. Total solids
8. Fecal Coliforms

Baseline data collection:

A minimum of 3 samples

Monitoring after construction:

72 samples in one year:

- *12 of raw manure*
- *48 of discharged and applied effluent*
- *12 of sludge*

These suggestions seemed too ambitious to the countries and will need to be revised and reduced by the FAO consultants Harald Menzi and Hong Lim Choi.

Annex 5

LIVESTOCK WASTE MANAGEMENT IN EAST ASIA PROJECT

Component 4

Regional Support Services

Work done since inception

Work plan period August 2006 – December 2006

Work plan period January 2007-December 2007

Effectiveness of the Project 08 August 2006

Background and Rational for Regional Support Services

In each of the participating countries it is evident that a growing awareness of environmental and public health issues associated with livestock waste management is often not translated into action because of a lack of knowledge and experience about how to deal with the issue. On the other hand, many of the policies and technologies required to effectively address the issue would be similar in Thailand, Vietnam and Guangdong province, as well as in other countries and provinces bordering the South China Sea. It therefore makes sense to draw on cross-country synergies, skills and economies of scale in pursuing the achievement of the project's objectives through a regional component serving each of the participating countries. In addition, the regional component will provide an organizing framework and necessary analytical support to permit the project to constructively evaluate its own performance and to identify opportunities for replication and strategies for scaling-up of the project's results. The subcomponents are:

Subcomponent 1: Capacity Building Support (US\$ 494,060)

Support for decision tools development
Support for development of training modules and packages.
Support for evaluation of Project activities and outcomes

Subcomponent 2: Coordination and Facilitation Support (US\$ 1,005,940)

Regional facilitation
Regional coordination
Regional dissemination

Activities carried out since Effectiveness

Establishment of the RFO

The Regional Facilitation Office has been established by FAO in the FAO Regional Office for Asia and the Pacific in Bangkok (FAO-RAP). A change was necessary in the early stages as the designated Regional Project Coordinator resigned from FAO and had to be replaced. The RFO consists now of the following positions:

RFO Staff posted in Bangkok

- Hans-Gerhard Wagner, Senior Animal Production and Health Officer - Regional Project Coordinator
- Ron Van Nijnanten, Operations Coordinator

RFO Staff posted in Rome

- Henning Steinfeld, Chief, Livestock Information, Sector Analysis and Policy Branch (Lead Technical Unit)
- Pierre Gerber Livestock Policy Officer

The RFO will be supported by ad-hoc technical consultants, and a Technical Assistant
The RFO is up and running.

Regional Coordination Group

The composition of the RCG as per annex I

Consultants recruited

Terms of Reference for the following positions have been prepared

1. Spatial planning of livestock production (10 days)
2. Technical advisor on manure management and environmental monitoring and development of a decision support tool on nutrient management (60 workdays in three missions)
3. Animal waste management engineer (50 workdays)
4. Technical backstopping on manure management and environmental monitoring (100 days 6 missions)

CVs and PH-Forms were obtained and the virtual Selection Task reviewed and selected the candidates.

The consultants undertook their first mission to Thailand, China and Vietnam. The main task of the mission was to finalize the baseline monitoring to be presented and discussed at the Regional workshop and endorsed by the RCG

Meetings organized

The first regional workshop and RCG were held in October 2006 and hosted by the Government of Vietnam (see separate Report Annex II).

Information material

The draft project brochure has been prepared for endorsement by the RCG.

| Workplan and tentative budget August to December 06 | | | | | | |
|---|--|---|-----------------------------|--------|-----|--------|
| Responsibility Areas: | Activity: | Specific Results: | Responsible person: | FAO | GEF | Total |
| SUBCOMPONENT 1: CAPACITY BUILDING SUPPORT | | | | | | |
| Decision tools development & Development of training modules and packages | Prepare 3 DST and related training plans design with national users: | Contracts are established for 4 DST and related training packages preparation; | RFO | 16,000 | | 16,000 |
| | a. Spatial planning, | | | | | - |
| | b. Nuflux, | | | | | - |
| | c. Manure management strategies selection ; | | | | | - |
| | Draft DST for environmental monitoring | | | 10,000 | | 10,000 |
| | Prepare TOR for consultancies and contracts; | | | | | - |
| | Select and hire consultants / contractors | Consultants and contractors at work. | | | | |
| Support for evaluation of Project activities and outcomes | Identify PMOs' capacity building requirements with PMOs and NSC; | Part of first Regional WS An outline plan for monitoring & evaluation support covering PY2-5 is submitted to the 2nd RCG. | RFO with consultant support | | | - |
| | Discuss with national authorities their plans for project M&E and agree on priorities for evaluation studies to be organized with RFO support. | | | | | - |

| SUBCOMPONENT 2: COORDINATION AND FACILITATION SUPPORT | | | | | | |
|--|--|--|-----|-------|--|-------|
| Regional facilitation | Establish internal management systems for the RFO; | Management system, financial and progress reporting systems established; half-yearly progress and financial reports submitted to WB; | RFO | 5,000 | | 5,000 |
| | Organise first RCG meetings; | First RCG took place, minutes are available; | | 7,000 | | 7,000 |
| | Prepare TOR and recruit the "Project assistant" | Technical assistant is at work. | | 5,000 | | 5,000 |
| | Establish regular reporting systems for the | | | 5,000 | | 5,000 |

| | | | | | |
|-------------------------|---|--|-----------------------------|---------------|------------------------|
| | project; Prepare TOR and recruit the “Technical assistants” consultants: a. Technical design of demonstration plants b. Engineering c. Environmental monitoring d. Spatial planning e. Replication strategy (outline) Office equipment | TA provided (October and December mission); | | 140,000 | 140,000 |
| | | | | | - |
| | | | | | - |
| | | | | | - |
| | | | | 5,000 | 5,000 |
| Regional Dissemination | Discuss with national authorities and national partners the needs in terms of information and functionalities of the project's web site; Design project's web site; Prepare project brochure. | Plan for regional dissemination activities and list of publication to be produced; | RFO with consultant support | | - |
| | | Project's web site on-line | | 10,000 | 10,000 |
| | | Project brochure distributed | | 15,000 | 15,000 |
| Regional coordination | Organise first regional workshop, | First regional workshop organised, proceedings available. | RFO with consultant support | 15,000 | 15,000 |
| | Contact relevant regional programs, evaluate partnership potential, and make recommendations for follow-up to RCG. | | | | - |
| FAO admin fee | | | | 14,000 | 14,000 |
| Total 09. -12.06 | | | | 81,000 | 166,000 241,000 |

| Workplan and tentative budget January to December 07 | | | | | |
|---|---|---|---------------------|--------|--------|
| Responsibility Areas: | Activity: | Specific Results: | Responsible person: | | - |
| SUBCOMPONENT 1: CAPACITY BUILDING SUPPORT | | | | | - |
| Decision tools development & Development of training modules and packages | Finalise 4 DST and related training plans design with national users: a. Spatial planning, b. Nuflux, c. Manure management strategies selection, | DST and related training packages are finalized | RFO | 50,000 | 50,000 |
| | | | | | - |
| | | | | | - |
| | | | | | - |

| | | | | | |
|--|--|--|-----------------------------------|---------------|--------|
| | d. Environmental monitoring; Training on DST | | | 30,000 | 30,000 |
| Support for evaluation of Project activities and outcomes | Organise PMO's training; | - training material is available; | RFO with consultant support | 10,000 20,000 | 30,000 |
| | Discuss with national authorities their plans for project M&E and agree on priorities for evaluation studies to be organized with RFO support. | - PMOs have been trained; | | | - |
| | | Plan for monitoring & evaluation support covering PY2-5 is submitted to the 2 nd RCG. | | | - |

| SUBCOMPONENT 2: COORDINATION AND FACILITATION SUPPORT | | | | | |
|---|--|--|-----------------------------------|-----------------------|----------------|
| | Project assistant continued | Project activities supported | | 30,000 | 30,000 |
| | Organise second and third RCG meetings; | Second and third RCG took place, minutes are available; | RFO | 17,000 | 17,000 |
| | Prepare TOR and recruit the Technical Assistance consultants (if required); | Technical assistance is provided. | | 60,000 | 60,000 |
| | Continued liaison with PMOs | | | | - |
| Regional Dissemination | Discuss with national authorities and national partners the needs in terms of information and functionalities of the project's web site; | Plan for regional dissemination activities and list of publication to be produced; | RFO with consultant support | 10,000 | 10,000 |
| | Finalise and launch project's web site. | Website online | | 10,000 | 10,000 |
| Regional coordination | Contact all relevant regional programs, evaluate partnership potential, and make recommendations for follow-up to RCG. | A project partnership plan is submitted to RCG | RFO consultant support | 10,000 | 10,000 |
| FAO admin fee | | | | 15,000 | 15,000 |
| Total 01. - 12.07 | | | | 90,000 172,000 | 217,000 |

Annex 6**LIVESTOCK WASTE MANAGEMENT IN EAST ASIA PROJECT**

RFO Brochure

Annex 7

Training requirements

| | | Participants | Number |
|-----------------|---|---------------------------------|-------------------------|
| China | | | |
| 1 | Environmental monitoring and project management | Gov and provincial officers | 30 |
| 2 | Livestock waste management techniques | Techn. at provincial level | 2 courses |
| 3 | Improve environmental protection understanding | Local farmers | 3 x 30 |
| 4 | Country level project and technology replication | County PMOs | 30 |
| 5 | Project management by WB office | PMO staff | Every half year |
| 6 | Policy making experts | Project implementation agencies | |
| 7 | Livestock waste management technology | | Study tour domestic |
| 8 | Livestock management technology | | International study tou |
| Thailand | | | |
| 1 | Sustainable and cost effective swine manure management | | |
| 2 | Renewable energie – biogas | | |
| 3 | Valuable livestock manure | | |
| Vietnam | | | |
| 1 | Training local PMO | | |
| 2 | Workshops in awareness raising | Farmers | |
| 3 | Project impact assessment Linking with other countries | PMO, Gov officers | |