



**United Nations Environment Programme
Half Yearly Progress Report**

Reporting Period: **From:** **1st July 2010** **To** **31st December 2010**

1. PROJECT GENERAL INFORMATION

Project Title:	Development and Application of Decision-support Tools to Conserve and Sustainably Use Genetic Diversity in Indigenous Livestock and Wild Relatives				
Executing Agency:	International Livestock Research Institute, Nairobi, Kenya				
Project partners:	Bangladesh Agricultural University, Department of Animal Breeding and Genetics; Pakistan Agricultural Research Council, Animal Sciences Division; Universty of Peradeniya, Department of Animal Science, Sri Lanka; National Institute of Animimal Husbandry, Vietnam;				
Geographical Scope:	Regional/Multi-country				
Participating Countries:	Bangladesh, Pakistan, Sri Lanka and Vietnam				
Project actual start date	9 th March 2009	Project intended completion date	8 th March 2014	Project expected completion date	

2. PROJECT PROGRESS AND RISK MANAGEMENT

2.1 Narrative of project progress during the past semester¹

During the reporting period, National Steering Committee (NSC), Site Coordination Committees (SCC) meetings, awareness workshops and village level meetings were held in Bangladesh (Annex 1), Sri Lanka (Annex 2) and Vietnam (Annex 3). The Regional Project Steering Committee (RPSC) meeting was held in September in Hanoi & Son La, Vietnam. The RPSC members also participated in the 1-day technical workshop which preceded the meeting, and also visited both project sites in Vietnam.

Collecting baseline survey data in the new project site in Sri Lanka was completed. Mini-surveys to collect additional information from project sites in Vietnam were conducted, this was necessary to plan for the genetic/phenotypic characterization and longitudinal monitoring survey. The baseline survey tools (PRA, HH, MA), especially tailored towards collecting information on indigenous farm animal species was further refined and is available for regional/global use. The training manuals and databases to store the information collected using these tools are also available and uploaded to the project website for wider use/circulation. Site levels PRA report for countries has been compiled as a country report and is being edited by ILRI staff.

The site managers who were responsible for the execution of the HH surveys in Bangladesh and Sri Lanka spent 1 month (November 2010) in Nairobi and were trained by ILRI scientist on analyses of HH and MA data and preparation of draft reports. These studies also reveal that the target species significantly contribute to rural livelihoods, and make substantial contribution to household incomes. Preparations have been made for a staff member from University of Hanoi, Vietnam to visit Nairobi in January 2011 and work on the HH and MA survey data.

The political environment with the national executing agency in Pakistan, PARC did not change, as such project activities were not initiated in Pakistan. In August, the matter was brought to the notice of the GEF Focal point in Pakistan who is also the additional Secretary to the Ministry of Environment (MoE). Representative from the GEF cell in Pakistan (Mr. Taimur Ali, Senior Programme Officer – GEF) attended the RPSC meeting in Vietnam. Detail discussions were held Mr. Taimur, Dr. Marieta Sakalian (UNEP Programme Management /Liaison Officer) and the ILRI project coordination team on the way forward with Pakistan. The option discussed was if PARC is not interested with the execution of the project, then the GEF focal point should initiate the process to change the national executing agency. The Regional Project Coordinator (RPC) was in constant touch with Mr. Taimur, and as there was no response from PARC to several reminders sent by Mr. Taimur, action was initiated to invite University of Agriculture, Faisalabad (UAF) as the executing agency. After a few rounds of discussion with MOE, RPC was informed that UAF has agreed to be the national executing agency for Pakistan. However, this decision was not officially communicated to ILRI during the reporting period.

An in-depth flock and herd monitoring tool developed to measure and quantify genetic and phenotypic diversity, and other herd/flock characteristics and changes over time was used to collect blood samples, phenotypic characterization and initial in-depth monitoring in Bangladesh. In Bangladesh with the assistance from World vision, buck centres have been established in villages with goats. This tool also captures the relationship of indigenous breeds with their wild relatives.

¹ Briefly describe progress made during the previous six months highlighting major outcomes/benchmarks achieved during the period.

Significant progress towards creating awareness about the importance of indigenous animal resources at all stakeholder levels has been achieved in Bangladesh, Sri Lanka and Vietnam. Continuous support has been extended to the indigenous chicken and goats associations in Bangladesh, and the Ho chicken association¹ in Vietnam, and they an active role in the site coordination committees. Capacities of several scientists and post/under graduate students have been enhanced through the above trainings, and execution of the above survey tools.

2.2 Project implementation progress²

Outputs ³	Expected completion date ⁴	Implementation status as of end of reporting period expressed in %	Comments if variance ⁵ . Describe any problems in delivering outputs
Output 1: <i>(describe⁶)</i> Appropriate breeding tools for low input productions systems including ONBS are developed and evaluated	December 2013		
Activity 1.1: Introduction of the concept of breeding tools for low input system and implementation requirements (at community level)			
1.1.1 Breeding tools for low input system explained in posters/briefs	<i>Dec. 2010</i>	50	To start in 2 nd half of 2010
1.1.2 Community Workshops to evaluate and choose appropriate breeding approaches and to set breeding objectives	<i>Dec. 2010</i>	40	In Bangladesh after discussions with the farmers, breeding cocks and bucks have been distributed to farmers
1.1.3 Gathering information on implementation requirements	<i>Dec. 2010</i>	50	Through SCC meetings in Bangladesh, Sri Lanka and Vietnam information on implementation requirements have been gathered, and the modalities of implementing are in progress.
Activity 1.2: Field screening, including evaluation of wild relatives, to determine scope for the breeding schemes based on phenotypic variation of target trait(s) including recording			Visited a private semi-commercial farm in Son La province in Vietnam using wild relatives of chicken and pigs are used for breeding, and arrangements have on the way to monitor this farm.
1.2.1 Testing and implementing appropriate animal recording systems	<i>Dec. 2010</i>	40	Through in-depth monitoring survey, enumerator and farmer recording sheets are been introduced.
1.2.2. Gathering quantitative estimates of phenotypic ranges and variances in target traits	<i>Dec. 2010</i>	40	Through in-depth monitoring survey, phenotypic characters of the breeds/types are to be collected

² Information provided in “Quarterly Expenditure Statement and Explanation of Expenditures Reported” should be in line with output/activity progress reported in this table.

³ Outputs and activities as described in the project logframe or in any updated project revision.

⁴ As per latest workplan (latest project revision)

⁵ Variance refers to the difference between the expected and actual progress at the time of reporting.

⁶ Information on expected date of output completion and progress made is a requirement.

Outputs ³	Expected completion date ⁴	Implementation status as of end of reporting period expressed in %	Comments if variance ⁵ . Describe any problems in delivering outputs
Activity 1.3: Drawing up of the breeding and management protocols.			
1.3.1 Participatory/consultative meetings to prepare breeding and management protocols	<i>Dec. 2010</i>	20	Breeding protocols for chicken, goats and pigs are being tested in Bangladesh and Vietnam.
1.3.2 Participatory/consultative meetings to prepare livestock management (feeding, housing/fencing, health care and general management aspects) protocols	<i>Dec. 2010</i>	20	Management protocols for chicken, goats and pigs are being tested in Bangladesh, Sri Lanka and Vietnam.
Activity 1.4: Finalization of community participation rules and responsibilities including the establishment of committees and agreement on management of the selected breeding schemes			
1.4.1 Preparation and finalize community participation rules and responsibilities	<i>Dec. 2010</i>	20	Discussions were held with the communities in the project sites in Bangladesh, Sri Lanka and Vietnam.
1.4.2 Establishment of committees and agreements on management of shared resources finalized	<i>Dec. 2010</i>	20	Village level committees in the project sites in Bangladesh, and site committees have been formed in all three countries.
Activity 1.5: Establishment of the community-managed breeding systems (including wild relatives if appropriate) based on 'elite' animals from the community			
1.5.1 Selection of herds to be included in the breeding schemes	<i>Dec. 2010</i>	20	Households to be monitores are selected and the in-depth data collection is in progress in all countries, except Pakistan.
Activity 1.6: Training of enumerators/data recorders by project national/international staff			
1.6.1 Training of enumerators/data recorders on project management skills	<i>Dec. 2010</i>	60	Trainings were conducted on the use of baseline survey tools in Bangladesh, Sri Lanka and Vietnam.
1.6.2 Training of enumerators/data recorders on the breeding process	<i>Dec. 2010</i>	20	Trainings were conducted on the use of in-depth herd/flock monitoring tools in Bangladesh. Sri Lanka and Vietnam.
Activity 1.7: Development of data captures systems consistent with indigenous practices (e.g. recording)	<i>Dec. 2011</i>	10	In-depth survey tool captures the indigenous the indigenous practices
Activity 1.8: Designing and implementation of appropriate mating plans and subsequent adjustment as lessons are learned			

Outputs ³	Expected completion date ⁴	Implementation status as of end of reporting period expressed in %	Comments if variance ⁵ . Describe any problems in delivering outputs
1.8.1 For chicken	<i>Dec. 2011</i>	0	
1.8.2 For pigs and goats	<i>Dec. 2011</i>	0	
Activity 1.9: Data analysis, identification of breeding animals and use in subsequent generations			
1.9.1 Data analysis and identification of breeding animals	<i>Dec. 2012</i>	0	
1.9.2 Develop strategies for sustainable access to the appropriate genotypes	<i>Dec. 2013</i>	0	
Activity 1.10: Training of farmers			
1.10.1 Training of farmers on breeding tools	<i>Dec. 2012</i>	0	
1.10.2 Training of farmers on implementation skills	<i>Dec. 2012</i>	0	
Activity 1.11: Regular field screening to identify candidates for the breeding program (may include field days/shows)			
1.11.1 Field screening to select candidate/priority breeds	<i>Dec. 2012</i>	0	
1.11.2 Organizing field days or shows to select candidate/priority breeds	<i>Dec. 2012</i>	0	
Output 2: A tool for cost-benefit analysis of breeding programmes incorporating market and non-market values of FAnGR evaluated and made available	December 2012		
Activity 2.1: Identification and collection of existing data for breed/genotype comparison as identified during PDF B (case studies)	<i>Mar. 2012</i>	30	The Baseline surveys provides information; and more details from some countries are available with the in-depth monitoring survey conducted.
Activity 2.2: Identification of missing data	<i>Mar. 2012</i>	30	The Baseline surveys conducted provides some information on missing data.
Activity 2.3: Identification of specific herds/flocks to be monitored	<i>Mar. 2012</i>	25	The Baseline surveys conducted and the in-depth monitoring survey conducted provides some information on which flocks to be monitored.
Activity 2.4: Development of survey instruments/guidelines	<i>Mar. 2012</i>	20	MA survey executed in the 3 countries
Activity 2.5: Train recorders/enumerators for data collection	<i>Mar. 2012</i>	20	Researchers and project teams in Bangladesh, Sri Lanka and Vietnam were trained on data collection and data recording/entry.
Activity 2.6: Recording of input-output data for 2-4 case studies to compare indigenous versus exotic based breeding approaches	<i>Dec. 2012</i>	0	Information in Sri Lanka and Vietnam have been gathered as regards to the farms to be used for these case studies.

Outputs ³	Expected completion date ⁴	Implementation status as of end of reporting period expressed in %	Comments if variance ⁵ . Describe any problems in delivering outputs
Activity 2.7: Collection/collation of bio-physical and empirical production data, farmer breed and trait preferences data, and input-output prices) for the breed(s) in question on a large number of animals and herds over a period of two generations	<i>Dec. 2013</i>	20	Longitudinal, multiple visit surveys are in progress in Bangladesh, Sri Lanka and Vietnam.
Activity 2.8: Refine existing conceptual framework (e.g. Karugia et al (2001)) and develop it into a computer-based analytical model	<i>Dec. 2013</i>	0	
Activity 2.9: Apply economic valuation tools to assign values to important non-market traits and functions	<i>Dec. 2013</i>	0	
Activity 2.10: Apply the resulting computer model based on the data obtained from the case studies and subject the model to sensitivity analysis	<i>Dec. 2013</i>	0	
Activity 2.11: Interpret the results and make recommendations	<i>Dec. 2013</i>	0	
Activity 2.12: Assess generality of computer tools	<i>Dec. 2013</i>	0	
Activity 2.13: Apply the tool to other sites and species and refine it	<i>Dec. 2013</i>	0	
Output 3: Analytical frameworks for assessment of policy and marketing options (existing and alternatives) for FAnGR developed, evaluated and made available	December 2013		
Activity 3.1: Markets			
Activity 3.1.1: Stakeholder analysis			
3.1.1.1 Identification of key players, institutions and factors affecting marketing of indigenous versus exotic breeds and their products from low input-systems	<i>Mar. 2011</i>	10	The MA survey conducted in the project sites/villages gives an indication of the stakeholders involved in the marketing of indigenous animals nad their products
3.1.1.2 Identification of the ultimate users of the decision-support tool – e.g. policy-makers, breeders, livestock-keeper associations – and determination of data requirements.	<i>Mar. 2011</i>	10	The above survey gives an indication of the users of the tools.
Activity 3.1.2: Development of conceptual framework for characterizing existing indigenous breed marketing systems and guiding marketing options (including niche markets).			

Outputs ³	Expected completion date ⁴	Implementation status as of end of reporting period expressed in %	Comments if variance ⁵ . Describe any problems in delivering outputs
3.1.2.1 Formulate questions and hypotheses to be answered or tested in relation to perceive constrains.	Mar. 2012	0	
3.1.2.2 Determine the analytical methodologies to be used to answer the formulated questions and to test hypotheses	Mar. 2012	0	
3.1.2.3 In accordance with the ultimate users, questions, hypotheses and analytical methods selected, define the data needs	Mar. 2012	0	
3.1.2.4 Define the sources of data required and determine the most appropriate data collection methods for these sources	Mar. 2012	0	
3.1.2.5 Where primary data collection is required, design survey instruments, including sample selection procedure	Mar. 2012	20	The Baseline surveys conducted provides some information; more details will become available with the in-depth monitoring survey to be executed soon.
Activity 3.1.3: Conduct in-depth study of market structure (informal/traditional and formal, including volumes), and performance (including analysis of supply and demand, as well as covering specific producer/consumer preferences and opportunities for niche markets)	Mar. 2012	50	Training and execution of the Market Agent surveys have been completed in Bangladesh, Sri Lanka and Vietnam.
Activity 3.1.4: Data analysis through econometric and mathematical modeling (e.g. using models based on transaction cost theory, market chain analysis, etc.)			
3.1.4.1 Identify market opportunities, constraints and threats for indigenous FAnGR and products	Mar. 2013	20	Training and execution of the Market Agent surveys have been completed in Bangladesh, Sri Lanka and Vietnam.
Activity 3.1.5: Assess generality of model in other countries (e.g. based on data from GEF W. Africa project)	Mar. 2014	0	
Activity 3.1.6: Preparation of 'market briefs' and conduct of dissemination workshops	Mar. 2014	0	
3.2 Policy			
Activity 3.2.1. Stakeholders analysis to identify key players and identification of planning process and priorities	Mar. 2011	0	
Activity 3.2.2: Development of survey instrument to identify policies and their impact	Mar. 2012	0	
Activity 3.2.3: Enumerate potential policy factors (survey/guidelines) for analysis of policies that affect	Mar. 2012	0	

Outputs ³	Expected completion date ⁴	Implementation status as of end of reporting period expressed in %	Comments if variance ⁵ . Describe any problems in delivering outputs
FAnGR and wild relatives			
Activity 3.2.4: Quantification of impact of principal macro-economic intervention, regulations, pricing, investment as well as their potential alternatives affecting use and access to FAnGR and wild relatives	<i>Mar. 2012</i>	0	
Activity 3.2.5: Development of analytical framework/models for evaluating existing policy and alternatives			
3.2.5.1 Mathematical and policy modeling: mathematical models and policy analysis matrix	<i>Mar. 2013</i>	0	
3.2.5.2 Testing of policy analysis framework	<i>Mar. 2013</i>	0	
Activity 3.2.6: Apply resulting models to analyze (potential) impact of existing policies and alternatives	<i>Mar. 2014</i>	0	
Activity 3.2.7: Assess generality of model in other countries	<i>Mar. 2014</i>	0	
Activity 3.2.8: Preparation of 'policy briefs' and realization of dissemination workshops	<i>Mar. 2014</i>	0	
Output 4: Tools for diversity assessment and for setting cost effective conservation priorities developed and made available	December 2012		
Activity 4.1: Development of a breed diversity index for selected species and breeds/populations including wild relatives	<i>Mar. 2013</i>	0	
Activity 4.2: Conduct field surveys on socio-economic data (domestic), trends/causes/risks (domestic, wild relatives) and phenotypes (domestic, wild)	<i>Mar. 2012</i>	10	
Activity 4.3: Calculation/derivation of extinction probabilities of candidate breeds/ populations	<i>Mar. 2013</i>	0	
Activity 4.4: Reviews of completed/on-going conservation projects and/or simulation/modeling	<i>Mar. 2014</i>	0	
Activity 4.5: Adapt and apply economic valuation techniques to assess market and non-market values of breeds and wild relatives to provide information on total breed contribution to livelihoods	<i>Mar. 2013</i>	0	

Outputs ³	Expected completion date ⁴	Implementation status as of end of reporting period expressed in %	Comments if variance ⁵ . Describe any problems in delivering outputs
Activity 4.6: Apply analytical framework (Weitzman model and similar) to rank breeds/population and make recommendations on conservation strategy	<i>Mar. 2014</i>	0	
Activity 4.7: Synthesis of results from different analysis/projects	<i>Mar. 2013</i>	0	
Activity 4.8: Training of stakeholders on the use of the methods conducted	<i>Mar. 2013</i>	0	
Output 5: Capacity of stakeholders to apply the developed Decision Support Tools for conservation and sustainable management/ use of FAnGR and their wild relatives enhanced	December 2012		
Activity 5.1: Identification and agreement on each stakeholder role including development of collaborative agreements	<i>Mar. 2012</i>	50	Agreements and working relationships between the national executing agencies, and central/federal ministries and provincial departments of livestock and NGO (as identified in the project document in Bangladesh, Sri Lanka, and Vietnam) have been established. Also, agreements with farming communities in these countries have been reached.
Activity 5.2: Preparation of Letter of agreement (LoA) with stakeholders	<i>Mar. 2012</i>	50	Collaborative Research Agreements with the National Executing agencies have been signed.
Activity 5.3: Refine training needs of each stakeholder	<i>Mar. 2013</i>	0	
Activity 5.4: Development of training materials (modules and manuals))			
5.4.1 Development of training modules and manuals on breeding programs, including animal recording, for policy makers, researchers and academics, (non)governmental extension officers, and farmer communities	<i>Mar. 2012</i>	30	Draft training materials for farmers on indigenous chicken and indigenous goat production, and pigs in have been prepared by project partners and used for trainings
5.4.2 Development of training modules and manuals on policy analysis for policy makers, researchers and academics	<i>Mar. 2012</i>	0	
5.4.3 Development of training modules and manuals on market analysis for researchers, academics, (non)governmental extension officers, and farmer communities	<i>Mar. 2012</i>	0	

Outputs ³	Expected completion date ⁴	Implementation status as of end of reporting period expressed in %	Comments if variance ⁵ . Describe any problems in delivering outputs
5.4.4 Development of training modules and manuals on methodology for phenotypic breed characterization for researchers, academics, and (non)governmental extension officers	<i>Mar. 2012</i>	50	Training module for phenotypic and molecular characterization for extension agents, researchers and farmers has been finalized, and form a part of the in-depth monitoring survey. These are used for collecting data.
5.4.5 Development of training modules and manuals on methodology for genetic breed characterization for researchers and academics	<i>Mar. 2012</i>	50	Training module for phenotypic and molecular characterization for extension agents, researchers and farmers has been finalized, and form a part of the in-depth monitoring survey
5.4.6 Development of training modules and manuals on methodology for surveys of FAnGR and wild relatives for researchers, academics, and (non)governmental extension officers	<i>Mar. 2012</i>	50	Training modules for PRA, household survey and market agent surveys have been finalized and uploaded into the websites.
5.4.7 Development of training modules and manuals on data management for researchers, academics, and (non)governmental extension officers	<i>Mar. 2012</i>	30	Data base has been created to store HH level information, protect teams have been trained on data entry and cleaning.
Activity 5.5: Organizing and conducting training programs/workshops for various stakeholders: (policy-makers, researchers, academics, (non)governmental extension staff and farmers communities)			
5.5.1 Awareness of FAnGR and wild relative issues for policy makers	<i>Mar. 2013</i>	10	In Vietnam, the national institutions were invited for the technical seminar organized during the RPSC meeting
5.5.2 Social mobilization and facilitation of group processes for (non)governmental extension staff and farmer communities	<i>Mar. 2013</i>	30	Mobilization of farming communities in the project sites in Bangladesh, Sri Lanka and Vietnam together with the assistance of government institutions and NGOs has been accomplished.
5.5.3 Specific aspects of livestock breeding/management, including recording, for researchers and academics, (non)governmental extension staff and farmer communities	<i>Mar. 2013</i>	30	Training on management and breeding aspects of chicken and goats has been conducted in Bangladesh, and on Chicken and pigs in Sri Lanka and Vietnam
5.5.4 Policy analysis for policy makers and researchers and academics	<i>Mar. 2013</i>	0	Yet to be started
5.5.5 Market analysis for researchers and academics, (non)governmental extension staff and farmer	<i>Mar. 2013</i>	0	Yet to be started

Outputs ³	Expected completion date ⁴	Implementation status as of end of reporting period expressed in %	Comments if variance ⁵ . Describe any problems in delivering outputs
communities 5.5.6 Methodology for phenotypic breed characterization for researchers, academics and (non)governmental extension staff	<i>Mar. 2013</i>	10	Training manual on genetic/phenotypic characterization and longitudinal monitoring has been prepared for use in training courses for extension agents, researchers academics.
5.5.7 Methodology for genetic breed characterization for researchers and academics	<i>Mar. 2013</i>	10	Training manual on genetic/phenotypic characterization and longitudinal monitoring has been prepared for use in training courses for extension agents, researchers academics.
5.5.8 Methodology for surveys of FAnGR and wild relatives for researchers, academics and (non)governmental extension staff	<i>Mar. 2013</i>	50	Training manuals on conducting PRA, HH and market agent surveys with specifics to indigenous farm animals are available and uploaded in the project global website.
5.5.9 Data management for researchers, academics and (non)governmental extension staff	<i>Mar. 2013</i>	0	
Output 6: Knowledge and understanding of value of FAnGR and wild relative increased and replication strategies made available	2009,2010,2011, 2012, 2013		
Activity 6.1 Development of information and networking system for sharing and dissemination of AnGR issues			
6.1.1 Development and launching of project website for information sharing amongst stakeholders	<i>Mar. 2014</i>	60	The FAnGR website in Bangladesh (www.fangrbd.org), , in Sri Lanka (www.fangrsl.org)and Vietnam (www.fangrvn.org) were launched.
6.1.2. Development and launching of a web based information system at country level to facilitate out scaling of project outputs, taking into account existing systems	<i>Mar. 2014</i>	10	The FAnGR websites in Bangladesh, Sri Lanka and Vietnam (www.fangrbd.org) have been uploaded with information regarding project activities, and outputs
Activity 6.2: Synthesis of the decision support tool and articulation of how and when to use them to ensure sustainable use of indigenous FAnGR and wild relatives			
6.2.1 Assist in the preparation of National action plans based on decision support tools for the conservation and sustainable use of FAnGR and wild relatives in all 4 countries for the project species	<i>Mar. 2014</i>	0	Yet to start
Activity 6.3: Establishment of national web based FAnGR	<i>Mar. 2014</i>	10	The national web sites are in place and action

Outputs ³	Expected completion date ⁴	Implementation status as of end of reporting period expressed in %	Comments if variance ⁵ . Describe any problems in delivering outputs
database and links to international databases as appropriated			will be taken to link a national data base to this website
Activity 6.4: Support embedding of databases/ websites into relevant institutions	Mar. 2014	0	The national websites are within the NEAs
Activity 6.5: Holding of awareness workshop, seminar, etc.			
6.5.1 Organizing awareness workshops and seminars for key stakeholders	Mar. 2014	30	Awareness workshops at site level were held in Bangladesh, Sri Lanka and Vietnam with the farming communities.
Activity 6.6: Use of media for awareness creation of the value of FAnGR			
6.6.1 Organizing TV/radio programmes, exhibitions, open days and publication of newsletters, news paper articles and advertisement published in each country.	Mar. 2014	20	In Bangladesh wide publicity was given in local newspapers during the launching ceremony
Activity 6.7: Organizing an international workshop involving other partners and other countries in the region	Mar. 2014	0	Planning is on the way to organize an international workshop in Beijing, China in 2012
Activity 6.8: Share data generated by the project by participating and making presentations in national and international seminar/conferences	Mar. 2014	10	A 1-day technical meeting was held in Vietnam before the RPSC meeting where the NPDs presented their findings from the base line survey.
Activity 6.9: Action plan promoted/popularized through advertisement in media	Mar. 2014	10	National TV station in Hanoi, Vietnam interviewed the RPC and the UNEP task Manager. The topic was on goals and objective of the project, and animal biodiversity
Activity 6.10: Facilitating the establishment of indigenous livestock associations based on demand	Mar. 2014	50	In Bangladesh, 3 indigenous chicken husbandry associations and 3 indigenous goat husbandry associations have been formed. In Vietnam, the Ho-Chicken association is in place and is technically supported by the project.

2.3 Action plan to address any project shortcomings.

This section should be completed if project progress was rated MS, MU, U or HU during the previous Project Implementation Review (PIR) or by the Mid-term Review/Evaluation.

Problem(s) identified in previous PIR	Action(s) taken	By whom	When
Lack of cooperation by the Pakistan National Executing Agency.	During the RPSC meeting in Vietnam in 2010, discussions were held with the GEF focal person in Pakistan and came to agreement that if PARC is not interested in executing the project, GEF Pakistan will take the initiative is looking for a suitable institution to replace PARC.	RPSC and UNEP Task Manager	By December 2010

2.4 Risk management

If internal or external risks were rated as **Substantial** or **High** during the previous Project Implementation Review (PIR) or during the Mid-term Review, please indicate what risk mitigation measures were implemented during the period and with what results:

Risk Statement	Action taken	By who	Date	Result
Lack of cooperation by the Pakistan National Executing Agency.	During the RPSC meeting in Vietnam in 2010, discussions were held with the GEF focal person in Pakistan and came to agreement that if PARC is not interested in executing the project, GEF Pakistan will take the initiative is looking for a suitable institution to replace PARC.	GEF Focal person in Pakistan	Before December 2010	GEF focal person in Pakistan has decided to change the national executing agency, and convened a bi-lateral meeting in Islamabad in January 2011.

3. MONITORING AND EVALUATION

3.1. Please describe activities for monitoring and evaluation carried out during the reporting period⁷

The second RPSC meeting was held in August 2010 in Hanoi, Vietnam, the NPDs presented an overview of the progress of activities. The members visited

⁷ Do not include routine project reporting. Examples of M&E activities include baseline data collection, stakeholder surveys, field surveys, steering committee meetings to assess project progress, peer review of documentation to ensure quality, mid-term review, etc.

both the project sites in Vietnam (Bac Ninh and Son La). The UNEP Task Manager participated in the meeting and visited the project sites. Several visits to project countries (except to Pakistan) were carried out by RPC, Technical project leader (TPL) and Technical Experts (TE). During the training programmes conducted, the RPC, and TE visited the project sites and evaluated the ongoing project activities, and had group discussions with the farming communities in the project sites. Except in Pakistan, the other countries had their own national steering committees, and Site Coordination Committees (SSC) meetings.

4. INVENTORY OF STAFF, CONTRACTS, MEETINGS AND OUTPUTS

4.1 Staffing details of Executing Partner (Applies to personnel, experts, consultants paid by the project budget)

Functional Title	Nationality	Budget Line (1101, 1102, 1201,1301, etc)
Regional Project Coordinator	Sri Lankan	1101
Administrative Assistant for RPC	Sri Lankan	1102
Project Assistant for NPD-Sri Lanka	Sri Lankan	1102
Project Assistant for NPD-Bangladesh	Bangladesh	1102
Project Assistant for NPD-Vietnam	Vietnam	1102

4.2 Sub-contracts⁸

Name of contractee	Address	Budget Line (2101, 2201, 2301, etc)
Mr. Subash Sarkar – Site Manager	Baluka site	2204
Mr. Faruq Islam – Site Manger	Janiagatti site	2204
Ms. Nirushika Abeykoon – Site Manager	Thirappane site	2204
Mr. H.K.A. Premachandra – Site Manager	Karuwallagaswewa	2204
Nguyen Dang Chung	Bac Ninh Site	2204
Lo Van Tang	Son La site	2204

4.3 Meetings⁹

Meeting type ¹⁰	Title	Venue	Dates	Convened by	Organized by	Number of participants	Report issued	Language	Dated

⁸ Expand table if necessary

⁹ Expand table if necessary

¹⁰ Meeting types: Inter-governmental meeting, expert group meeting, project inception workshop, training workshop/seminar, partners consultation workshop, project Steering Committee meeting, other.

							Yes/No		
RPSC	Regional Project Steering Committee	Hanoi	9-14/8/10	Global Exe. Agency	Project	12	Yes	English	16/8/2010
NSC	National Steering Committee – Vietnam	Hanoi	6/7/2010	Nat. Exe. agency				Vietnamese	
NSC	National Steering Committee – Sri Lanka	Kandy	9/11/2010	Nat. Exe. agency		8	Yes	English	15/11/2010

4.4 List(s) of meeting participants¹¹

No.	Name of participant	Nationality
	Site Committee meeting – Karuwalagaswewa (Sri Lanka)	
1	Dr. Pradeepa Silva (National coordinator)	Sri Lanka
2	Dr. Jayaweera (Veterinary surgeon)	Sri Lanka
3	Mr. S.C. Senevirathna (LDI)	Sri Lanka
4	Mr. R. Liyanage (Project assistant)	Sri Lanka
5	Mr. A. Premachandra (site manager, Karuwalagaswewa)	Sri Lanka
6	Ms. N. Abeykoon (site manager, Thirappane)	Sri Lanka
7	Mr. W.R.E. de Alwis (member, Representative Thewanuwara)	Sri Lanka
8	Miss. W.W. Meri Fernando (member, Representative Thabbowa)	Sri Lanka
9	Mr. W. Harison Peris (member, Representative Kudamadawachchiya)	Sri Lanka
1	Site Committee meeting – Thirappane (Sri Lanka)	
2	Ms. Nirukshika Abeykoon (Site manager-Thirappane)	Sri Lanka
3	Dr. Harshika Veterinary Surgeon- Thirappane	Sri Lanka
4	Mr. Madhawa Livestock Development Instructor- Thirappane	Sri Lanka
5	Mr.Allapichche (Representative from Dematagama-Village1)	Sri Lanka
6	Mr.Jayasena (Representative from Labunoruwa-Village 2)	Sri Lanka
7	Mr. Phelix (Representative from Allagallawa –Village 3)	Sri Lanka
8	Mr. Udayar (Representative from Ooththupitiya –Village 4)	Sri Lanka
9	Mr. Ajith Premachandra (Site manager- Karuwalagaswewa)	Sri Lanka

¹¹ Expand table if necessary

10	Dr. Pradeepa Silva (National project director)	Sri Lanka
11	Mr. Ranga Liyanage (Project Assistant)	Sri Lanka
	NSC meeting (Sri Lanka)	
1	Professor S.B.S. Abeykone (Vice Chancellor)	Sri Lanka
2	Dr S.C. Kaduwela	Sri Lanka
3	Dr L.W.N. Samaranayaka	Sri Lanka
4	Mr.M.A.U. Ranasinghe	Sri Lanka
5	Dr. Pradeepa Silva	Sri Lanka
6	Professor Dr. M. N. M. Ibrahim	ILRI

4.5 Documents, other printed materials, videos, and soft products (such as CDs or websites)

No	Type ¹²	Title	Author(s) Editor(s)	Publisher	ISBN	Publication date
1	Website	National website for Sri lanka (www.fangrsl.org) was launched				October 2010
	Website	National website for Vietnam (www.fangrvn.org) was launched				November 2010
3						

Name of Project Manager:		Name of Project Manager Supervisor:	
Signature:	Date: 31stth January, 2011	Signature:	Date:

¹² Documents and printed material types are: Report to inter-governmental meeting, technical publication, meeting report, technical/substantive report, brochures, media releases, etc.

6 Monthly Progress Report (July-December 2010)
UNEP-GEF-ILEI FAnGR Asia Project
Department of Animal Breeding & Genetics
BAU, Mymensingh

Sl. No.	Activity	Brief Description	Date / Period	Status
01	Meetings	Site Coordination Committee meeting held at Site 2 , participants are , NPD, ADPM,SM, ULO,Agri Officer, Presidents (Jorina, Sufia, Sanchita, Jahanara, Kulsum & Aunita)of all village committee . Project Site Coordination Committee Meeting at Site 2 held at Conference Room, ADP, Jhinaigati, WVB.	07/07/2010 04/10/2010	MoU amendment done, future work plan , committee approved and introduced each other
		Village Committee (DMJUK) Meeting held in Site 2.	July to December, 2010	Different agenda have been discussed and written in the 'Deshi Murgir Jaat Unyoner Mdyome Jibikion Kormosuchee' register book.
02	Trainings			
03	Field Implementation Activities	Conducted PRA, HHS & PRA of new village/Control Village (Bangaon) under Jhinaigati Upazila of Sherpur district with team member Faruk, Subhash, Afroz, Jinia, Nipa, Shajahan, Shane, Panir, Rasel, Rohan & Farida.	12/07/2010 to 14/07/2010	All members resided at field (Animal Resources Office of Jhinaigati Upazila).
		Data entry of MAS of new village named bongaon & data cleaning of old six villages and new one village completed.	15/07/2010 to 28/07/2010.	Already has been sent to concerns.
		There was separate sittings with Mr. Poritosh Rema and Mr. Mohsin Ali on present activities of the project also was a short discussion on vaccine failure and future plan to make the vaccination program a success.	05/09/2010	
		MoU updating and signed by farmers	Going on	
		Door to door visit and suggested the farmers to take necessary steps to safe baby chicks from the attack of predators , diseases and other harmful agents. During visit it was found some misinterpretation was going on , such as 3/4 laying hens were given to a festival in the name	05,06 & 07/09/2010	

		of ADP official entertainment in the name of IFTAR . Lastly birds were replaced with the owners one and get promise, in future they will never such type of miscreants. One farmer was trying to escape broodiness of her broody hen by inserting feather inside the nostril and another farmer was keeping her broody hen in a huge high temp and she was also collecting eggs improper way. This lady farmer was eating and selling eggs due to lack of broody hen. Suggestions were given her to cope the problems.		
		Held Site Coordination Committee Meeting of site-1.	July 19, 2010	
		Three village committees of site -1 formed.	August,2010	
		Data entry of HHS of new village Bangoan under site -2 completed.	July 25, 2010- August 3, 2010	
		Blood Samples have been collected in two villages (107 samples at 44 HHs) in site 2. Blood samples of indigenous chicken have already collected from 3 HHs (non surveyed but chicken distributed), total samples in these 3 HHs is 58Nos. Blood Sample from Wild Jungle Cock also has taken (2 samples from this bird).	October, November and December, 2010.	FTA cards kept as per instruction and all documents have been collected in prescribed forms.
		Project site committee coordination meeting held in ADP conference room of site 1 with the participation of Upazila Livestock Officer, Union Parishad Chairman, Manager of Bhaluka of Bhaluka ADP, farmers representative from village committee, National Project Director, Project site Manager and Project Officer (Ag.) of Bhaluka ADP, WVB.	In the month of July	Important issues were discussed and documented.
		Initial in depth monitoring data and Blood sample of 66 goats have been collected in site-1 from three villages.	In the month of October- December 2010	All data collected and preserved as per manual.
		Collected initial in depth monitoring data is being processed for entering computer.		
		Data of initial monitoring and blood sampling are being loading in the Microsoft access of site 2	December 15, 2010 and waiting for feedback from EUNICE.	
		Time to time field visit and face to face dialogues are taking place on husbandry, care of baby chicks , disease management , feed and housing management and on many other issues in site 2.	July to December, 2010.	Change in attitudes towards indigenous chicken in respect of husbandry, disease management and small entrepreneur with indigenous chicken are taking place among the beneficiaries.

		Team comprised of Prof.Dr. Han & Mr. Z. Guang Xin of ILRI, Mr. Faruk , Mr. Subhash , Mr. Panir, Mr. Rasel & Mr. Shahjahan of BAU collects blood as sample /test day collection in Jhinaigati.	06/08/2010.	
		Indigenous Chicken distribution among 15 farmers.	08/08/2010.	
		Indigenous Chicken distribution among 15 farmers.	10/08/2010.	
		Regular filed visits for monitoring field activities and run the activities smoothly in site-1.	July to December, 2010.	Change in behavior of the community people.
04	ILRI Team Visits	Prof. Dr. M.N.M. Ibrahim . Worked at BAU project office & Bhaluka.	arrived on 31/07/2010 & leave for Vietnam on 05/08/2010	
		Prof. Dr. Han and his Ph.D. student Mr. Z Guang Xin. Worked at Bhaluka, Jhinaigati and BAU project office.	arrived on 02/07/2010 and leave for Vietnam on 07/08/2010	
05	Others	Dr. Shamsul Alam Bhuiyan attended at a seminar in Taiwan.	27 to 31 October	
		One wild cock has been captured and rearing at a house of our target farmer.	Captured on 18/11/2010	
		Training on HHS and MAS data analysis and draft report writing was received from ILRI by project site manager Subhash Chandra Sarker	10 November to 10 December 2010.	

Progress report Sri Lanka
01/07/2010 – 31/12/2010
Activities undertaken during last six months

1. Market Agent Survey : Thirappane

Market agent survey was conducted in four villages listed below in Thirappane (site 1) from 28th June 2010 to 1st July 2010. Ajith and Nirukshika were the two site managers participated as enumerators in the survey. Distribution of the surveyed market agents in the site are as follows.

Market Agents	Village				Total
	1 Dematagama	2 Labunoruwa	3 Alagollawa	4 Ooththupitiya	
Animal health service providers	1				1
Butchers	1	0	1	1	3
Credit suppliers	0	0	0	0	0
Feed suppliers	1	2	0	2	5
Traders in livestock products	2	2	0	2	6
Livestock traders	2	0	0	0	2
Total	6	4	3	5	17

The government Livestock Development Instructor (LDI) is the only person who acts as the Animal health service provider in the entire site. There is no any butcher in the village 2, and the butcher in village 3 is dealing with pigs only and the rest are dealing with chicken only. There is no any credit supplier for entire site on village chicken farming. Feed suppliers are the rice millers who provide rice bran for farmers. There is no feed supplier in village 3, and the farmers in the village purchase rice bran from the village 2 feed suppliers. In village 1 there is only one feed supplier and he/she is providing whole feed requirement to the village.

There is no any chicken product trader in the village 3. All other traders in livestock products are dealing only with eggs in other three villages. There are no any livestock traders in the site except in village 1. They are the persons who collect animals from the same site and selling within the site and nearby. The total sample size was only 19 in the site. This small number is due to non-availability of weekly market and the secondary market that deal with village chicken and pig in the respective urban areas.

2. PRA : Karuwalagaswewa

In order to complete the establishment of baseline of the second project site; Karuwalagaswewa the PRA was conducted on 21st and 22nd of July 2010 in each village separately. There were three villages selected namely, Thabbowa, Thewanuwara and Kudamedawachchiya and total of 61 farmers were participated including 11 from Thabbowa, 9 from Thewanuwara and 41 from Kudamedawachchiya. Form Thabbowa and Thewanuwara there were lesser participation than expected due to some other activities those were going on with the help of World Vision and UNISEF in the villages.

Out of the three villages Kudamedawachchiya had highest percentage of farmers rearing village chicken. The management system of the area was semi-intensive but closer to the free range system because most of the farmers provide shelter at night time only and occasionally provide some kitchen waste as feeds. Most of the farmers keep village chicken as subsistence farming and only few farmers do it as a commercial venture. The main livelihood of the area was mixed farming and village chicken keeping was part-time and mostly women take care of them. The breeding habit of the chicken was totally uncontrolled due they rear both cocks and hens together. There were plenty of wild relatives such as jungle fowl within the village since the existence of

forest reserve edging each village. But the involvement of wild relatives on breeding is not known due the system of rearing and farmers do not bother about it.

2. Market Agent Survey : Karuwalagaswewa

Market agent survey was conducted in three villages in Karuwalagaswewa namely; Thabbowa, Thewanuwara and Kudamedawachchiya in Karuwalagaswewa (site 2) from 16th August 2010 to 18th August 2010.

The government Livestock Development Instructor (LDI) is the only person who acts as the Animal health service provider in the entire site. Butchers and credit suppliers are not available in all three villages for poultry farming. Feed suppliers are the rice millers who provide rice bran for farmers. Only one rice mill is available in Thabbowa village. Four rice millers were interviewed from other two villages (two traders per each). Six livestock product traders were interviewed; two traders from each village. All the livestock product traders are dealing only with eggs. There are no any meat traders in the site except one trader in Thabbowa. This trader collects animals from the same site and selling within the site and nearby. The total sample size was 13 in the site. There was no weekly market and the secondary market in the respective urban areas that deals with village chicken in the three villages.

3. Establishment of Site Offices (16/10/2010)

The two site offices were established in the following locations in the two project sites.

- Office of the project site 01 (Thirappane) : Labunoruwa
- Office of the project site 02 (Karuwalagaswewa) : Thabbowa

4. Baseline Household survey : Karuwalagaswewa

The household survey was conducted from 17th September to 26th September in 2010. The survey was conducted in three villages named as Thabbowa, Thewanuwara and Kudamedawachchiya. Sampling was done using stratified random sampling method. 40 households with chicken and 15 households without chicken were selected from each village. The total sample size was 165. Ten enumerators were participated for the survey.

Each household was visited by a single enumerator and three days were allocated for each village. GPS coordinate of the location of each household was also recorded. A group discussion was conducted at the end of the every day during the survey period, in order to verify and complete the entries of the each day. The questionnaires completed by enumerators were double checked by the site manager once submitted.

5. Site committee meetings

The site committee meetings were held on 14 October 2010 one after the other. The minutes of the site committee meetings of site Karuwalagaswewa and Thirappane are given in annex 1 and 2, respectively.

6. 1st National Steering committee meeting

The first national steering committee meeting was held on 09th of November 2010 at the office of the Vice Chancellor, University of Peradeniya. The minutes of the meeting is given in Annex 3.

7. Vaccination program for Raniket outbreak

The project officials intervened during the Raniket outbreak, which devastated the village chicken rearing in the two project sites. With the help of the Veterinary Surgeons and LDIs in the two project sites the following activity was carried out in order to help the community.

Site 2: Karuwalagaswewa

Drugs – Lasota & HP 01

Date - 06/11/2010

Doses - 6000 doses distributed among village chicken keepers in selected villages

Site 1: Thirappane

Drugs – Lasota & HP 01

Date : 14/12/2010

Doses - 4000 doses distributed among village chicken keepers in selected villages

8. Initial In-depth survey

The initial in-depth survey on village flocks were started at the Project site 1: Thirappane from 26/10/2010.

9. Training on data analysis - M.N.D.F Abeykoon

The site manager – Thirappane Ms. M.N.D.F. Abeykoon participated in the training on data analysis of HH survey, PRA and Market Agent survey from 10/11/2010 to 11/12/2010. The training was conducted at the ILRI campus, Nairobi, Kenya

10. Development of the project website

The official project website for Sri Lanka is now in operation at <http://fangrsl.org/> from 01/12/2010.

11. List of equipments purchased during the period

No.	Equipment	Quantity
1	Filling Cabinets for field	03
2	Office tables for field	02
3	Plastic stools for field	04
4	Office chairs for field	03
5	Bookshelf with cupboard	01
6	Water filter keeping stand	01
7	Stand fan	01
8	Toner for the printer	01
9	Plastic buckets with ventilation holes	120
10	Egg trays	240
11	Polychrome multiplug	01
12	Weighing scale (Hanging type)	02

Annex 1
Site Committee meeting - Karuwalagaswewa

Date : 14th October 2010.

Venue : Veterinary office, Karuwalagaswewa

Time : 10.00 am to 11.05 am

Participants

- Dr. Pradeepa Silva (National coordinator)
- Dr. Jayaweera (Veterinary surgeon)
- Mr. S.C. Senevirathna (LDI)
- Mr. R. Liyanage (Project assistant)
- Mr. A. Premachandra (site manager, Karuwalagaswewa)
- Ms. N. Abeykoon (site manager, Thirappane)
- Mr. W.R.E. de Alwis (member, Representative Thewanuwara)
- Miss. W.W. Meri Fernando (member, Representative Thabbowa)
- Mr. W. Harison Peris (member, Representative Kudamadawachchiya)

10.00 am – 10.10.am: Welcome speech by site manager

Mr. A. Premachandra delivered welcome speech and he introduced all the members from three villages and national director and the members of the department of animal production and health. He explained the objective of the project and summarized that what has done so far in the site and highlights of the PRAs, MA survey and HH survey. The purpose of the site committee and the objective of the today meeting explained by the site manager.

10.10 am – 10.20 am: Speech by the veterinary surgeon

Appreciate the program and he explained the findings in the base line survey are very important for them as well. He suggested to have some training programs to address the some problems highlighted by the site manager.

Gave some valuable instructions to retain the farmers with project throughout with his experience in the site including providing some materials to the farmers for the chicken.

10.20 am 10.35 am: Speech by National coordinator

Clarify the project objective and what has done so far and why? Explained the importance of the project in farmers view and next steps of the project including In-depth monitoring and blood sample collection.

10.35 am – 11.00 am: Open discussion with all members

Mr. Alwis suggested to have a monitoring system to find the most productive chicken types in the site and raise some constrains they face including lack of chick buying places, lack of market for eggs and is that through the state of >50 birds of village chickens are impossible to rear?

Dr. Pradeepa replied to all the things by explaining broadly how is the In-depth monitoring will be conducted.

Mr. Harison appreciated the program and raised a question regarding a recent disease in the site.

Dr. Pradeepa awared about the disease and got more details on it.

LDI explaind how was the disease come to site as some introduced birds from the outside by some NGO.

Dr. Jayaweera made some solutions for the disease and asked farmers to bring some diseased birds to the laboratory.

Miss. Mary rose that how they can mark the record card when they have all the birds are in same house and it is difficult to find the laid bird from others.

Dr. Pradeepa and Mr. Premachandra made some solutions and kept it for further observations at the household level.

11.00 am – 11.05 am: Wrap up and vote of thank by Site manager

Mr. Premachandra summarized the whole discussion and invited to three representatives to carry the message to all farmers and bring their ideas to the next meeting.

Annex 2

11.2. Site committee meeting - Thirappane**Date:** 14.10.2010**Time:** 4.00 pm**Agenda:**

4.00 pm-4.15 pm	-	Welcome speech by the site Manager - Thirappane
4.15 pm-4.20 pm	-	Speech of Veterinary surgeon- Thirappane
4.20 pm-4.30 pm	-	Speech of NPD
4.30 pm-4.50 pm	-	Discussion
4.55 pm-5.00 pm		Vote of thank by the site Manager - Thirappane

Participants:

Ms. Nirukshika Abeykoon (Site manager-Thirappane) – Chairperson of the committee
 Dr. Harshika Veterinary Surgeon- Thirappane
 Mr. Madhawa Livestock Development Instructor- Thirappane
 Mr.Allapichche (Representative from Dematagama-Village1)
 Mr.Jayasena (Representative from Labunoruwa-Village 2)
 Mr. Phelix (Representative from Allagallawa –Village 3)
 Mr. Udayar (Representative from Ooththupitiya –Village 4)

Observers:

Mr. Ajith Premachandra (Site manager- Karuwalagaswewa)
 Dr. Pradeepa Silva (National project director)
 Mr. Ranga Liyanage (Project Assistant)

4.00 pm- 4.15: Welcome speech

Welcome speech was delivered by the site manager, Ms. Nirukshika. After introducing the site committee members, the purpose of the meeting was explained. Then she summarized the activities carried out by the project up to the date, and findings of PRA, Households survey and market agent survey was explained. Finally, she introduced the forthcoming events and the objectives of those activities.

4.15 pm- 4.20: Speech by Veterinary surgeon- Thirappane

Dr (Ms) Harshika appreciated the overall objectives of the project and the ongoing project activities. She revealed that the supply of indigenous chicken and pig production is not sufficient to meet the existing demand of the area. Finally, she requested farmers to extend their fullest cooperation towards the project activities in order to achieve the project objectives and also to obtain the benefits of project for the area.

4.20 pm- 4.30: Speech by Dr. Pradeepa Silva

Dr. Pradeep elaborated further on the goals and objectives of the project, with the justification of the project activities completed up to now and going to be done in the near future. She drew the attention of the committee on the requirement of introducing a breed which is suitable for the community needs and also suitable for the environment of the area. It was also stressed that need of

the improvement of existing performance to gain economic benefits in addition to alleviate level of operation beyond the subsistence farming. She further explained the need of improving farmers' knowledge on indigenous chicken and pig rearing in order to have a high production and to earn a better income through that. She ended up her speech with emphasizing the importance of farmers' ideas and suggestions to carry out future project activities.

4.30 pm- 4.55 pm: Discussion

The Site manager invited the representatives of each village to express their ideas and suggestions regarding the project activities. She further encouraged the committee members to express the problems face by them in rearing indigenous chickens and pigs. Mr. Udayar highlighted that not having proper poultry houses, loss of birds due to predation, low production and diseases as the major constraints to rear chicken. All other representatives were agreed with lack of knowledge on constructing a proper poultry houses as a constraint. Livestock development instructor pointed out farmers cannot afford some medicines such as vaccines for Raniket due to high prices and bulk purchase. It was proposed to arrange a training program on management practices of rearing chickens and pigs. Mr. Phelix explained high price of feed and low price of meat as a major problem in rearing indigenous pigs. At this point the committee agreed to include those aspects also in the farmer training. Discussion was over with taking decision to hold training programs in near future.

4.55 pm- 5.00 pm: Vote of thanks

The meeting was wrapped up by the site manager after thanking all for participating for the event and requesting to give their contribution for future project activities as well. At the end of the meeting, refreshments were served.

Annex 3

GEF–UNEP–ILRI–FAnGR Asia Project

Development & Application of Decision Support Tool to Conserve and Sustainable Use of Genetic Diversity in Indigenous Livestock & Wild relatives

Country office: Department of Animal Science TP – 081-2395164
 Faculty of Agriculture Fax – 081-2395322
 University of Peradeniya Email –
 pradeepas@pdn.ac.lk
 Sri Lanka

Minutes of the 1st NSC Meeting of the GEF-UNEP-ILRI-FAnGR Asia Project held at University of Peradeniya on 8th November, 2010

Present:

1. Professor S.B.S. Abeykone , Vice Chancellor, University of Peradeniya (**Chairman**)
2. Dr S.C. Kaduwela, Representative, National Livestock Development Board.
3. Dr L.W.N. Samaranyaka, Representative, Department of Animal Production and Health
4. Mr.M.A.U. Ranasinghe, Representative, Department of Agriculture
5. Dr. Pradeepa Silva, National Project Director, University of Peradeniya (**Secretary**)
6. Professor Dr. M. N. M. Ibrahim, Regional Project Coordinator (Byinvitation).

Excuses:

1. Mr. H.M. Gunasekara, The Director General, Department of National Planning
2. Dr. R. Mahindapala, The Country representative, IUCN Sri Lanka

The First National Steering Committee (NSC) meeting of the GEF-UNEP-ILRI-Asia FAnGR project on Development and Application of Decision Support Tools to Conserve and Sustainable use of Genetic Diversity in Indigenous Livestock and Wild Relatives was held at the Vice Chancellors office of the University of Peradeniya on 8th November, 2010. Twelve members have been appointed to the NSC meeting and invited to the 1st meeting.

The agenda of the 1st meeting is given in annex 1.

1. The opening:

Prof. A.S.B. Abeykone, the chairman of the NSC and the Vice Chancellor of University of Peradeniya, welcomed the members of the NSC and briefed them about the project and nature of implementation of the project as a multi-country activity. The chairman particularly explained the cause of the delay in holding the first NSC, which was scheduled to be held in the beginning of the year.

The members were then invited to introduce themselves. The Chairman highlighted need for encouraging the participation of the members of NSC for the future meetings. It was suggested to hold the meetings alternatively in Kandy and Colombo since most of the NSC members are from Colombo.

2. Project background, goals and objectives

Professor M.N.M. Ibrahim, the global project coordinator (who was invited to the 1st NSC meeting) briefed on the history of the project starting from preliminary discussion on the project concept, way back in 2001. He elaborated on the sequence of event up to the project approval by the CEO/ GEF (Global Environmental Facility) in the year 2008. It was further explained the importance of running the project activities in parallel in all four project countries.

The project goals and objectives were then described by highlighting the importance of indigenous farm-animals genetic resources and their role play in rural livelihood. The need of conservation through utilization was mainly focused in the deliberations (Annex 2).

3. Progress of project activities.

Dr. Pradeepa Silva, the national project director (NPD) described the progress of activities so far carried out by the project. The activities described included the followings (Annex 2).

- i. Selection of sites
- ii. Establishment of project office and the staff
- iii. Training of project team for Baseline analysis
- iv. Establishment of baseline
- v. Training of in-depth monitoring team
- vi. In-depth monitoring of herds/flocks
- vii. Data analysis
- viii. Site coordinating committee meetings
- ix. Publications

4. Discussion on the project activities

The members discussed the project activities so far completed and inquired about the progress made in the two sites in Sri Lanka as the activities of one of the sites were delayed to commenced due to change of sites as described by the NPD. It was informed to the committee that the activities of the site 2 (Karuwalagaswewa) has accelerated to catch up the delay, and now in parallel to the activities of site 1 (Thirappane). It was also reported to the committee that the site coordinating committee meetings have been already held for both the sites.

It was suggested that the minutes of the site coordinating committee to be tabled at the NSC to complete the information on the process of project implementation at field level.

5. Work plan of the project

The following documents were tabled for the information and the approval of the NSC.

- i. The overall work plan for the five year project period
- ii. Plan of activities executed during May – December 2009 (approved by the regional coordinating committee)
- iii. Plan of activities executed during January – December 2010 (approved by the regional coordinating committee)
- iv. Plan of activities proposed for January – December 2011 – for approval of the NSC
- v. The overall budget for the five year project period approved by the financial committee of the University of Peradeniya.

The following decisions were made regarding the documents presented to the committee.

- i. To distribute the Plan of activities proposed for January – December 2011 among the NSC members for their comments and observations (Annex 3). It was suggested to send comments to the NPD within a month period.
- ii. To indicate the activities carried out in the first half of the plan of activities for the year 2010

6. Any other business

- i. Dr. S. Kaduwela, National Livestock Board (NLDB) expressed the importance of carrying out the project of this nature, especially to uplift the farming activities in the rural community level. He further informed the committee that NLDB could join hands with the project activities in components such as farmer training, using the facilities of model farm units available in Mid-country Livestock Development Center (MLDC), Mahaberiyaathenna. Further, it was mentioned that NLDB could also make available its facilities for the project in maintaining hatcheries for production of breeding materials.

-
- ii. Dr. N. Samaranayake, Department of Animal Production and Health (DAPH) inquired about the level of corporation of the officers for the project activities at the field level at the two sites. The NPD informed that the Veterinary Surgeons (VSs) and field officers including the Livestock Developments officers (LDIs) in the two sites are extending their fullest corporation in every activity of the project. The respective directors of the two provincial DAPH offices are well aware and have been updated about the activities of the sites

6. Closing remarks

The members agreed to hold the NSC meetings in six months interval according to the recommendation of the project Management. The chairman suggested holding the next meeting little early as there are activity plan to be approved.

The chairman thanked the NSC members for their contribution in completing a successful meeting.

Dr. Pradeepa Silva

Secretary/ NSC

NPD Sri Lanka

Annex 1

The first National Steering Committee meeting

GEF-UNEP-ILRI- FAnGR Asia Project

08-11-2010

AGENDA

1. Opening remarks by the Vice Chancellor, University of Peradeniya
2. Briefing on the overall project Goals and objectives of the project by the Regional Project Coordinator.
3. Progress of the project activities in Sri Lanka – by the National Project Director
4. Planned activities and budget allocations
5. Any other business (NSC meeting schedule)
6. Closing remarks

Vietnam: 6 monthly Project Progress Report

(From 1/7/2010 to 31/12/2010)

Activities performed

1. The 2nd Steering Committee on 6th July, 2010
2. Steering committee meeting on 9th July, 2010 in Bac Ninh
3. Steering committee meeting on 18th July, 2010 in Son La
4. Technical training on animal husbandry and veterinary medicine for 60 households in Bac Ninh and Son La
5. Surved and Entered data of Market agents
6. Organizing the Regional Steering committee meeting from 5 to 14 August, 2010
7. Training on indept survey from 15 to 17 August, 2010
8. Update information and complete the Webpage
9. Working with Regional Coordinator from 10 to 14 October
10. Mini survey and Household surveys from 18 to 31 October
11. Le Thi Thuy participated training course in ILR in Taiwan from 22 to 30 October
12. Awarness workshop on 1st Nov and in Bac Ninh on 4th Nov in Son La and Input data from Household và Minisuvey .
13. Household and Mini suveys và In-depth Monitoring from 20-25 December and input data from 26 to 31 December.

1. Staff members

No	Full name	Affiliation
1	Le Thi Thuy	GEF Project Coordinator in Vietnam
2	Tran Thi Kim Anh	GEF Project Assistant
3	Nguyen Thi Hong Hanh	GEF Project Assistant
4	Nguyen Quang Hai	GEF officer
5	Nguyen Dang Chung	Site coordinator in Bac Ninh
6	Lo Van Tang	Site Coordinator in Son La

1. Student attachments to project activities

Two post graduates are conducting practical training within the project framework

No.	Full Name	School	Level of Study
1	Vu Huong Giang	Thai Nguyen University of Agriculture and Forestry.	Master's Degree
2	Phung Thi Thu Ha	Thai Nguyen University of Agriculture and Forestry.	Master's Degree

Results:

1. Surveyed and Entered data of Market agents

	The numbers of questionnaires in each village						The numbers of questionnaires in each market					
	Ban Dan	Cho Long	Co Chia	Lac Tho South	Ho Town	Lac Tho North	Benh Vien (smaller market)	Chieng Pan (larger market)	Yen Chau (Secondary market)	Coc (smaller market)	Ho (larger market)	Thuan Thanh (Secondary market)
Animal health service providers	1	1	1	1	1	1	1	1	1	1	1	1
Butchers	1	1	1	1	1	1	2	2	2	2	2	2
Credit suppliers	1	1	1	1	1	1						
Feed traders	2	2	2	3	2	2	2	2	2	2	2	1
Trader in livestock product	2	2	2	1	2	2	1	2	3	2	0	0
Livestock traders	2	2	2	2	2	2	4	8	1	0	0	2
All agents	9	9	9	9	9	9	10	15	9	7	5	6

2. Entered HH data

Results:

No	Bac Ninh	No.
1	Lac Tho South	55
2	Lac Tho North	55
3	Ho Town	55
Son La		No.
4	Ban Dan Village	55
5	Co Chia Village	43
6	Cho Long village	55

3. The 2nd Asian Project Steering Committee Meeting

- Held a successful the 2nd Asian Project Steering Committee Meeting from 5th to 18th August, 2010 with the following activities:
- From 5 to 8 welcome 12 experts from UNEP, FAO, ILRI, Bangladesh, Pakistan, Srilanka
- 9th August went to Bac Ninh: Met more than 60 farmers in Bac Ninh (project area) and visited 04 farms here. Also visited Dong Ho picture village.
- 10th August held the conference at the Institute of Animal Husbandry: Met the leader scientists of the Institute of Animal Husbandry; The representative from 4 countries reported on the implemental project activities and the achieved goals. Discussed on the activities of project.
- From 11th to 14th August went to Son La: Met more than 60 farmers in Yen Son - Yen Chau - Son La province (project area) and visited 03 farms here; continued to discuss on the activities of the project in Son La Hotels. Also visited some historical sites in Son La.

3. Blood sampling procedure and in-depth monitoring

- 15th August: Dr. Bett instructed the project members about the comprehensive chicken survey in Asia
- 16th August: Went to Bac Ninh: Dr. Bett guided the project members to measure the dimensional measurements of chicken
- 17th August Dr Han instructed to take blood samples in Experimental and conservational Center - Institute of Animal Husbandry

4. Investigated the overall list of households keeping indigenous breeds in Bac Ninh and Son La

No	Province	Village	No.s
1	Bac Ninh	Lac Tho South	133
2		Lac Tho North	111
3		Ho Town	133
4	Son La	Ban Dan Village	124
5		Co Chia Village	62
6		Cho Long village	57

5. Update information and complete the Webpage: <http://fangrvn.org/>

6. Mini survey

Time table

No	Project sites	Time	Location
1	Bac Ninh	18 – 23/10/2010	In Households
2	Son La	23 – 31/10/2010	In Households

List of Survey team member name

No	List name	Position	Duty
1	Le Thi Thuy	NPD	Moderator
2	Tran Thị Kim Anh	GEF Project Assistant	Survey team
3	Nguyen Hong Hanh	GEF Project Assistant	Survey team
4	Nguyen Quang Hai	GEF officer	Survey team
5	Nguyen Dang Chung	Site coordinator in Bac Ninh	Survey team
6	Lo Van Tang	Site coordinator in Son La	Survey team
7	Nguyen Xuan Minh	Head of Lactho Nam village	Survey and guide
8	Vu Xuan Minh	Head of Lactho Bac village	Survey and guide
9	Trương Văn Toàn	Head of Ben Ho village	Survey and guide
10	Lo Van Thanh	Yen Son Extension Dept	Survey and guide
11	Kieu Duc Bac	Head of Dan Village -Yen Chau- Son La	Survey and guide

List of HH name in Minisurvey in Bac Ninh

Ben Ho Village		Lactho Bac village		Lactho Nam village	
No	HH name	No	HH name	No	HH name
1	Nguyen Trong Vu	1	Nguyen Dang Minh	1	Duong Huu Le
2	Ngoc Thi Mau	2	Duong Xuan Vu	2	Nguyen The Sang
3	Nguyen The Thang	3	Nguyen Huu Viet	3	Khuc Dinh Binh
4	Tran Hap	4	Nguyen Van Mau	4	Duong Dinh Khang
5	Nguyen The Chung	5	Nguyen Thi Khuong	5	Nguyen Ngoc Pho
6	Nguyen Thi Nga	6	Nguyen The Long	6	Nguyen Cong Trang
7	Nguyen Thi Thuy	7	Ngoc Thi Suu	7	Khuc Dinh Hoa
8	Nguyen Kinh Thang	8	Nguyen Huu Hung	8	Duong Huu Thanh
9	Nguyen Ba Cuong	9	Nguyen The Hai	9	Nguyen Huy Vy
10	Nguyen The Vinh	10	Nguyen Ngoc Thong	10	Duong Huu Ky
11	Ha Thi Ninh	11	Vu Xuan Ve	11	Nguyen The Thuc
12	Truong Van Phuong	12	Nguyen Huy Toan	12	Khuc Dinh Duc
13	Nguyen Van Son	13	Pham Van Hoa	13	Khuc Dinh Quy
14	Vu Duc Thanh	14	Do Ba Chi	14	Nguyen Dang Vinh
15	Nguyen Nhu Quan	15	Nguyen Trong Mach	15	Nguyen Nho The
16	Luong Gia De	16	Nguyen Huu Thon	16	Nguyen The Luyen
17	Dang Thi Hai	17	Nguyen Thi Nga	17	Nguyen The Lang
18	Nguyen Dang Luan	18	Nguyen Duy Thac	18	Duong Dinh Vu
19	Ho Thi Bich	19	Nguyen Dang Chung	19	Nguyen The Dinh
20	Pham Van Thom	20	Nguyen Huu Hai	20	Nguyen Van Chung
21	Nguyen Thi Thuoc	21	Nguyen Ngoc Can	21	Khuc Dinh Minh
22	Nguyen Dang Tan	22	Do Ta Tuyen	22	Nguyen Thi Lan
23	Ngo Van Hung	23	Do Ta Hong	23	Duong Thi Ha
24	Nguyen Thi Khuyen	24	Do Ta Phong	24	Nguyen The Che
25	Nguyen Dang Tuan	25	Nguyen Van Tong	25	Nguyen Thi Nhu

26	Nguyen Kinh Tuan	26	Nguyen The Tuan	26	Bui Luong Trung
27	Nguyen Huu Bnh	27	Do Ta Linh	27	Khuc Dinh Xa
28	Nguyen Ngoc Thao	28	Nguyen Thi Minh	28	Khuc Thi Duong
29	Do Ta Dung	29	Nguyen Ngoc Tam	29	Nguyen Van Dien
30	Nguyen Huy Sang	30	Nguyen Ngoc Hong	30	Nguyen Van Trang

List of HH name in Minisurvey in Son La

Cho Long Village		Co chia Village		Dan Village	
No	HH name	No	HH name	No	HH name
1	Hoang Van Duong	1	Nguyen Dinh Vuong	1	Lo Van Thien
2	Quang Van Chu	2	Lo Van Tinh	2	Lo Van Sam
3	Lo Van Son	3	Lo Van Chinh	3	Lo Van Xuan
4	Lo Van Phan	4	Lo Van Quan	4	Hoang Van Dong
5	Lo Van Doi	5	Lo Van Sy	5	Hoang Van Hoan
6	Vy Van Sy	6	Lo Van Tinh	6	Vi Van Hom
7	Hoang Van Quan	7	Lo Van Ha	7	Hoang Van Chung
8	Lo Van Len	8	Vi Van Tinh	8	Lo Van Chuong
9	Vi Van Lanh	9	Quang Van Hai	9	Lo Van Tong
10	Luong Van Nhien	10	Lo Van Ngoc	10	Hoang Van Xien
11	Lo Van Sau	11	Lo Van Nhien	11	Lo Van Quy
12	Vy Van Nui	12	Lo Van Le(P)	12	Vi Van Ong
13	Lung Van Vat	13	Lo Van ON	13	Lo Van Phan
14	Lo Van Hoa	14	Lo Van Bong	14	Lo Van Muon
15	Lu Van Nhat	15	Lo Van muon	15	Lo Van Sieng
16	Lo Van Dam	16	Lo Van Bo	16	Lo Van Lun
17	Lo Van Sam	17	Lo Van Le	17	Ngan Van Thuong
18	Ngan Van Lien	18	Lo Van Danh	18	Lo Van Son
19	Lo Van Sieng	19	Lo Van Lien	19	Hoang Van Hien
20	Lo Van Pam	20	Lo Van Hoom	20	Hoang Xuan
21		21		21	Hoang Van Suong
22		22		22	Lo Van Lien
23		23		23	Lo Van Phuong
24		24		24	Lo Van Thanh
25		25		25	Ngan Van Tien
26		26		26	Lo Van Lien
27		27		27	Hoang Van Mung
28		28		28	Vi Van Cu
29		29		29	Ngan Van Thuong
30		30		30	Lo Van Xum

2.1.2 Household Survey

Time

No	Project sites	Time	Location
1	Bac Ninh	18 – 23/10/2010	At each households
2	Son La	25 – 31 /10/2010	At each households

List of HH survey team member name

No	List name	Position	Duty
1	Le Thi Thuy	NPD	Moderator
2	Tran Thị Kim Anh	GEF Project Assistant	Survey team
3	Nguyen Hong Hanh	GEF Project Assistant	Survey team
4	Nguyen Quang Hai	GEF officer	Survey team
5	Nguyen Dang Chung	Site coordinator in Bac Ninh	Survey team
6	Lo Van Thanh	Yen Son Extension Dept	Survey and guide
7	Kieu Duc Bac	Head of Dan Village -Yen Chau, Son La	Survey and guide
8	Truong Van Toan	Head of Ben Ho village	Survey and guide
9	Nguyen Xuan Minh	Head of Lactho Nam village	Survey and guide
10	Vu Xuan Minh	Head of Lactho Bac village	Survey and guide

List of HH name in HH survey in Bac Ninh

Ben Ho Village		Lactho Bac village		Lactho Nam village	
No	HH name	No	HH name	No	HH name
1	Nguyen Hoai Van	1	Nguyen Xuan Hoanh	1	Nguyen Van Lam
2	Nguyen Thi Bo	2	Do Ta Nguyen	2	Nguyen Van Sau
3	Ho Quang Hai	3	Vu Xuan Hieu	3	Nguyen Huu Thuan
4	Nguyen Thanh Hoan	4	Bui Dinh Tich	4	Nguyen Duc Tuan
5	Nguyen Van Dinh	5	Vu Xuan Ninh	5	Nguyen Huu Tan
6	Nguyen Kinh Thanh	6	Nguyen Dang Cuong	6	Do Van Cong
7	Vu Van Thanh	7	Trong Thi Dao	7	Duong Huu Thao
8	Nguyen Van Duong	8	Vu Xuan Phuong	8	Nguyen Ta Tuyen
9	Duong Dinh Phai	9	Do Ta Tu	9	Nguyen Thi Thin
10	Do Xuan Minh	10	Nguyen Xuan Du	10	Do Ta Phu

List of HH name in HH survey in Son La

Cho Long Village		Co chia Village		Dan Village	
No	HH name	No	HH name	No	HH name
1	Hoang Van Song	1	Lo Van Mien	1	Lo Van Phong
2	Lo Van Vat	2	Lo Van Co	2	Hoang Van Suong
3	Hoang Van Hoan	3	Lo Van Luong	3	Vi Van Viet
4	Cam Thi Phuong	4	Lo Van Ngoi	4	Vi Van Huong
5	Lo Van Ngoai	5	Vi Van Bieu	5	Luong Van Thu
6	Kieu Duc Thu	6	Lo Van Sam	6	Vi Van Thanh
7	Lo Van Pe	7	Lo Van Hoa	7	Hoang Van Bo
8	Hoang Van Thanh	8	Lo van An	8	Lo Van Co
9	Lo Van Doi	9	Lo Van hau	9	Lo Van Pien
10	Hoang Van Doan	10	Lo Van Thiét	10	Lo Van La

Awareness workshop

Time

No	Project sites	Time	Location
1	Bac Ninh	1/11/2010	Lac Tho Nam Cultural House
2	Son La	4 /11/2010	Dan Village cultural House

Workshop Objectives

**Minutes of the Awareness workshops in Son La and Bac Ninh
November, 2010**

1. Chairman of the meeting: Prof. Le Thi Thuy**2. Participants: In Bac Ninh**

No	Name	Affiliation
1	Prof . Le Thi Thuy	NPD- Secretary of NSC-Vietnam
2	Dr. Pham Sy Tiep	Head of Science and International Cooperation Dept-NIAH
3	Mr. Nguyen Dang Chung	Project Bac Ninh site manager
4	Ms. Tran Thi Kim Anh	Project assistant
5	Ms. Nguyen Hong Hanh	Project assistant
6	Ms. Nguyen Hong Hanh	Project assistant
7	Nguyen Quang Hai	Project staff
8	Truong Van Toan	Head of Dan Village -Yen Chau- Son La
9	Nguyen Van Dien	Yen Chau extension Dept
10	Nguyen Xuan Minh	Head of Lactho Nam village
11	Lo Van Tang	Son la site Project coordinator
12	Vu Xuan Minh	Head of Lactho Bac village
13	Phung Thi Thu Ha	MSc Student
14	Phung Thu Ha	MSc Student
15	Lo Van Thanh	Yen Son Extension Dept
16	10 Representative	Lac Tho Nam village
17	Kieu Duc Bac	Head of Dan Village -Yen Chau- Son La
18	10 Representative	Lac Tho Bac village
19	Do Van Binh	Head of Dan Village of Yen Son
20	Total	40 participants
21	Vi Van Binh	Head of Farmers' Association in Yen Son

- 1
n Son
La

11	Lo Van Eo	Co Chia Village Head
12	Luong Van Vat	Cho Long Village Head
13	10 Representative	Ban Dan village
14	10 Representative	Co Chia village
15	10 Representative	Cho Long village
	Total	42 participants

3.
Time
and
Loca
tions
:
In

Bac Ninh: Time: 8h30 to 12h00 on 1st November, 2010

At Lac Tho Nam village cultural House, Thuan Thanh District, Bac Ninh Province

In Son La: Time: 9:00 to 12:30 on 4th November, 2010

At Ban Dan village cultural House, Yen Son, Yen Chau, Son La

4. Contents:

At the first: Welcome speech and participants introduction by Prof. Le Thi Thuy and she introduced summary of Project activities and Objective of the workshop.

Then Ms Tran Kim Anh, gave presentation on” **The current use of local livestock genetic resources in Vietnam**”

After tea breaking

Ms Nguyen Thi Hong Hanh presented “The important and value of FAnGR and wild relative

Then Dr Le Thi Thuy talked about the low input system on animal production in Households

5. General discussion:

All participants discussed to understand the important and value of FAnGR and wild relative as follows:

a. AnGR possess unique genes and combinations of genes which are responsible for:

- Resistance and stress resistance
- Quality and composition of animal products
- Adaptation to different environments or farming systems .
- Ability to utilize coarse roughage and crop residues

b. Contributions to the production in Vietnam

- *Food* : Meat 2.7 million tons, egg 6.2 billion, milk 350 thousand tons /year.
- *Draught Power*: draught power and transport in rural areas
- *-Employment* : 33.3 million rural labor forces
- *Others* : Fibre, fuel, manure, leather & hides and other offal provide additional income.

c. Integral part of our social and cultural traditions: Ho chickens in tradition customs and painting

d. Vietnam National Priorities:

- Characterization, Inventory and Monitoring of Trends and Associated Risks
- Sustainable Use and Development
- -Conservation
- -Policies, Institutions and Capacity-building

e. Opportunities, problems and challenges of sustainable management of AnGR in Vietnam

Review activities during the last 11 months the advantage and Disadvantage, make suggestions and directions for future planning and budget.

In the last all of participant watched Video about Diversity in Ha Giang from Biodiva project and some photos and posters

2.2.1 Household Survey

Time

No	Project sites	Time	Location
1	Bac Ninh	21-25 /12/2010	In each Houseshold
2	Son La	21 – 25/12/2010	In each Houseshold

List of HH survey team member name

No	Name of team	duty	Vị trí
1	Le Thi Thuy	NPD	Moderator
2	Tran Thị Kim Anh	GEF Project Assistant	Survey team
3	Nguyen Hong Hanh	GEF Project Assistant	Survey team
4	Nguyen Quang Hai	GEF officer	Survey team
5	Nguyen Dang Chung	Bac Ninh site Project coordiator	Survey team
6	Lo Van Tang	Son La site Project coordiator	Survey team
7	Vu Huong Giang	MSc Student	Survey team
8	Phung Thu Ha	MSc Student	Survey team
9	Lo Van Thanh	Yen Son Extension Dept	Survey and guide
10	Kieu Duc Bac	Head of Dan Village -Yen Chau- Son La	Survey and guide
11	Truong Van Toan	Head of Dan Village -Yen Chau- Son La	Survey and guide
12	Nguyen Xuan Minh	Head of Lacto Nam village	Survey and guide
13	Vu Xuan Minh	Head of Lacto Bac village	Survey and guide

LIST OF HH IN THE HOUSE HOLD SURVEY

Bac Ninh Project site

Ben Ho Village		Lacto Bac village		Lacto Nam village	
STT	Họ và tên	STT	Họ và tên	STT	Họ và tên
1	Nguyen The Thang	1	Duong Xuan Vu	1	Duong Huu Le
2	Nguyen Thi Thuy	2	Nguyen Huy Toan	2	Duong Dinh Khang
3	Nguyen Nhu Quan	3	Pham Van Hoa	3	Khuc Dinh Quy
4	Luong Gia De	4	Nguyen Huu Thon	4	Nguyen Van Chung
5	Nguyen Dang Luan	5	Nguyen Thi Nga	5	Bui Luong Trung
6	Nguyen Huu Binh	6	Nguyen Dang Chung	6	Khuc Dinh Xa
7		7	Do Ta Hong	7	

Son La project Project site

Dan Village		Co Chia Village		Cho long village	
No	HH Name	No	HH Name	No	HH Name
1	Vi Van Ong	1	Lo Van Chung	1	Quang Van Chu
2		2	Lo Van Ha	2	Lo Van Son
3		3	Quang Van Hai	3	Lo Van Phan
4		4	Lo Van Le(P)	4	Luong Van Nhien
5		5	Lo Van Bong	5	Lo Van Hoa

2.2.2 Overall Survey- In-depth monitoring

Time

No	Project sites	Time	Location
1	Bac Ninh	24-25 /12/2010	In each Household
2	Son La	24-25/12/2010	In each Household

List of HH survey team member name

STT	Họ tên	Cơ quan công tác	Vị trí
1	Tran Thị Kim Anh	GEF Project Assistant	Survey team
2	Nguyen Hong Hanh	GEF Project Assistant	Survey team
3	Nguyen Quang Hai	GEF officer	Survey team
4	Nguyen Dang Chung	Bac Ninh site Project coordinator	Survey team
5	Lo Van Tang	Son La site Project coordinator	Survey team
6	Vu Huong Giang	MSc Student	Survey team
7	Phung Thu Ha	MSc Student	Survey team
8	Lo Van Thanh	Yen Son Extension Dept	Survey and guide
9	Kieu Duc Bac	Head of Dan Village -Yen Chau- Son La	Survey and guide
10	Truong Van Toan	Head of Dan Village -Yen Chau- Son La	Survey and guide
11	Nguyen Xuan Minh	Head of Lactho Nam village	Survey and guide
12	Vu Xuan Minh	Head of Lactho Bac village	Survey and guide

LIST OF HH IN THE OVERALL SURVEY

At Bac Ninh project site

Ben Ho Village		Lactho Bac village		Lactho Nam village	
STT	Họ và tên	STT	Họ và tên	STT	Họ và tên
1	Nguyen The Thang	1	Duong Xuan Vu	1	Duong Huu Le
2	Nguyen Thi Thuy	2	Ngoc Thi Suu	2	Duong Dinh Khang
3	Nguyen Nhu Quan	3	Pham Van Hoa	3	Khuc Dinh Quy
4	Luong Gia De	4	Nguyen Huu Thon	4	Nguyen Van Chung
5	Nguyen Dang Luan	5	Nguyen Thi Nga	5	Bui Luong Trung
6	Nguyen Huu Binh	6	Nguyen Dang Chung	6	Khuc Dinh Xa
7	Nguyen Trong Vu	7	Do Ta Hong	7	Nguyen The Binh
8	Duong Thi Lo	8	Le Thi Tuy	8	Nguyen The Cuong
9	Duong Xuan Bac	9	Nguyen The Long	9	Nguyen The Huyen
10	Nguyen Ba Thai	10	Nguyen Huu Que	10	Nguyen The Y
11	Truong Van Toan	11	Nguyen Dang Tam	11	Nguyen Xuan Doan
12	Vu Van Tam	12	Nguyen Ta Hong	12	Nguyen Ngoc Thu
13	Vu Duc Hieu	13	Nguyen The Tuan	13	Le Xuan Mai
14	Nguyen Hoang Luan	14	Nguyen Ngoc Ban	14	Khuc Dinh Hung
15	Tran Hap	15	Do Ba Chi	15	Le Van Huyen
16	Nguyen The Minh	16	Nguyen Huu Ha	16	Nguyen The Che
17	Duong Xuan Vu	17	Nguyen Duc Khang	17	Le Thi Hong
18	Nguyen Dang Van	18	Nguyen Ngoc Can	18	Nguyen The Sang
19	Trinh Hong Ha	19		19	Nguyen Trong Vinh
20	Nguyen Vu Quy	20		20	Duong Huu Diem

At Son La project site

Cho Long Village		Co chia Village		Dan Village	
No	HH name	No	HH name	No	HH name
1	Lo Van Pang	1	Lo Van Le	1	Hoang Van Suong

2	Bui Van Cuu	2	Lo Van Doi	2	Nguyen Huy Tan
3	Do Van Cuong	3	Vi Van En	3	Pham Quang Vinh
4	Lo Van Duc	4	Lo Van Hoa	4	Nguyen Dinh Tien
5	Ngan Van Binh	5	Lo Van Khin	5	Hoang Van Hoi
6	Hoang Van Chu	6	Lo Van Pe	6	Vy Van Sy
7	Lo Van Hom	7	Lo Van Sy	7	Vi Van Binh
8	Hoang Van Hoan	8	Lo Van Phong	8	Sa Van Nhan
9	Hoang Xien	9	Nguyen Dinh Vuong	9	Lo Van Chung
10	Hoang Van Thanh	10	Lo Van Dung	10	Luong Van Sam
11	Hoang Van Bong	11	Lo Van Phong	11	Hoang Van Duong
12	Hoang Van Suong	12	Lo Van Bo	12	Lo Van Kho
13	Vi Van Cu	13	Lo Van Chinh	13	Vi Van Bia
14	Lo Van Hung	14	Lo Van Ha	14	Quang Van Chu
15	Vi Van Ong	15	Quang Van Hai	15	Lo Van Son
		16	Lo Van Le(P)	16	Lo Van Phan
		17	Lo Van Bong	17	Luong Van Nhen

Conclusion:

- The majority of the work is done:
- Contributed for organization RSCM
- Conduct training course for Indept-Survey and blood collection and data input
- MA surveys, mini survey were completed and Overall survey were being conducted
- Finished inputting data on MA surveys, Mini survey according to the manual
- 2 NSC meetings and 2 site manager meeting (both Son La and Bac Ninh) were held
- Awareness workshop (both Son La and Bac Ninh) were held
- Update information and complete the Webpage
- Participated training course in LRI in Taiwan

5.1 Risk identification and management:

- ✓ The questionnaires are long, detailed, and somewhat above the farmers' understanding. Most farmers don't finish high school (especially Son La), some don't even speak standard Vietnamese, some are not educated. They have little knowledge of husbandry techniques, breeding, feeding, veterinary, or market. Husbandry is still in traditional practice, employs family member including children and the elderly, by-products are used as manure, products are sold for daily expenses (books, food, clothes) and rituals (funeral, wedding, welcome parties, dowry)
- ✓ Farmers don't calculate loss, interest, or market.
- ✓ Transportation to and from villages is difficult, especially in turbulent and unpredictable weather (rain, typhoon), which affects work and production.
- ✓ The pressure to cross breed and import exotic breed is high, since the farmers are reluctant to keep domestic breed pigs due to their low growth rate and slow capital circulation.
- ✓ Poor husbandry and veterinary techniques lead to frequent disease cases.
- ✓ Lack of capital to develop husbandry
- ✓ The farmers asked for training on the tools and on applying the project model that has proved high efficiency and sustainability

Risk identification addition:

- A broken GPS machine compromised GPS information.
- Some errors have occurred with the statistic software. Many household statistics are lost instantly upon entering without a reason, causing a major time consuming problem.
- The livestock populations fluctuated because of epidemics, household slaughter for consumption, ceremonies, Lunar New Year, dowry, etc.
- Should long term information with indept monitoring be needed, a contact must be signed with the households to guarantee constant head counts.
- Two project students have arrived for some time but have not been engaged in activities in the absence of instructions from ILRI, therefore, project observation does not comply with their university class schedule.

Future 2011 activity plan:

- Accelerate work efficiency
- Indept monitoring.
- Attach wing tags for chickens and ear tags for pigs, and collect blood samples
- Identify case studies that fit criteria.
- Organizing working schedule with Dr Han and Ibrahim in Vietnam
- Training of various stakeholders on breeding and management protocols.
- Conducting market analysis studies, and on data collection, analyses and reporting and preparing policy briefs
- Conducting studies, breed characterization, data analysis, and reporting
- Training for NARS scientists and project personnel on molecular characterization, data interpretation and reporting
- National workshops at project sites
- National steering committee meetings
- Awareness workshops