

First External Monitoring Report
on
Resettlement Program
for
Thilawa Special Economic
Development Zone B
(2-1 & 2-2East)

SUBMITTED BY
WIN WIN KYI AND KHIN YU YU WIN
(NATIONAL CONSULTANTS)
MARCH 2018

Contents

1	INTRODUCTION	1
1.1	BACKGROUND OF THILAWA SPECIAL ECONOMIC ZONE (SEZ).....	1
1.2	MANAGEMENT OF THE THILAWA SEZ RESETTLEMENT PROGRAM	2
1.3	THILAWA PHASE 2 RESETTLEMENT AND INCOME RESTORATION PROGRAM	2
1.3.1	Phase 2 Resettlement Program.....	2
1.3.2	Income Restoration Program (IRP).....	3
2	OBJECTIVES OF THE EXTERNAL MONITORING	4
3	SCOPE OF THE MONITORING.....	4
3.1	WORK PERIOD	4
3.2	METHODOLOGY USED AND SOURCES OF INFORMATION	4
3.3	IMPACT MONITORING OF THE RWP IMPLEMENTATION	4
3.4	TARGETED GROUPS FOR MONITORING.....	5
3.5	ORGANIZATION OF THE SURVEY TEAM	5
4	PROCESS OF MONITORING.....	6
4.1	ADDITIONAL DATA COLLECTION AND DATA ENTRY	6
4.2	DATA ANALYSIS.....	6
4.3	REPORT FORMAT.....	6
4.4	LIMITATIONS.....	7
5	RESULTS OF SOCIO-ECONOMIC SURVEY OF THE PROJECT AFFECTED PERSONS.....	7
5.1	DEMOGRAPHY	7
5.2	CHANGES IN JOB FOR HOUSEHOLD HEADS	8
5.3	LOCATION OF WORK	9
5.4	TRANSPORTATION TO WORK	9
5.5	HOUSEHOLD INCOME AND EXPENDITURE.....	10
5.6	SAVINGS	14
5.7	DEBT AND INDEBTEDNESS	16
5.8	FOOD SECURITY.....	17
5.9	OWNERSHIP OF MOVEABLE ASSETS	18
5.10	HOUSING AND INFRASTRUCTURE	19
5.11	HOUSEHOLD OWNERSHIP	21
5.12	SANITATION FACILITIES	22
5.13	STANDING WATER AROUND HOUSE/YARD	23
5.14	AVAILABILITY OF ELECTRICITY.....	24
5.15	SENSE OF SECURITY AND SAFETY AT CURRENT HOUSE.....	25
5.16	SOURCES OF WATER	26
5.17	PREPARATION PATTERNS FOR DRINKING WATER	27
5.18	PERCEPTION OF LIVING CONDITIONS AND INFRASTRUCTURE AT THE RELOCATION SITE	28
6	CONCLUSION AND RECOMMENDATIONS	36
6.1	CONCLUSION - MAJOR FINDINGS	36
6.2	RECOMMENDATIONS	38

LIST OF FIGURES

FIGURE 1-1 LOCATION OF THILAWA SEZ DEVELOPMENT AREA.....	1
FIGURE 5-1 SAVING AND CREDIT GROUP MEMBER HOUSEHOLDS FOR PAPS LIVING AT RS FROM ZONE A.....	15
FIGURE 5-2 HOUSEHOLD OWNERSHIP OF RESPONDENTS (PHASE II).....	21
FIGURE 5-3 HOUSEHOLD OWNERSHIP OF PAPS (PHASE II)	22
FIGURE 5-4 TYPE OF TOILET USED BY RESPONDENTS (PHASE II)	22
FIGURE 5-5 TYPE OF TOILET USED BY PAPS (PHASE II).....	23
FIGURE 5-6 HOUSEHOLD WITH STANDING WATER AROUND HOUSE BY RESPONDENTS (PHASE II).....	23
FIGURE 5-7 HOUSEHOLD WITH STANDING WATER AROUND HOUSE AMONG PAPS (PHASE II)	24
FIGURE 5-8 HOUSEHOLD WITH ELECTRICITY BY RESPONDENTS (PHASE II).....	24
FIGURE 5-9 HOUSEHOLD WITH ELECTRICITY AMONG PAPS (PHASE II).....	25
FIGURE 5-10 HOUSEHOLDS FEEL SAFE AND SECURE AMONG RESPONDENTS (PHASE II)	25
FIGURE 5-11 HOUSEHOLDS FEEL SAFE AND SECURE AMONG PAPS (PHASE II)	26
FIGURE 5-12 WATER SOURCES BY RESPONDENTS (PHASE II)	26
FIGURE 5-13 WATER SOURCES BY PAPS (PHASE II).....	27
FIGURE 5-14 PREPARATION OF PATTERNS FOR DRINKING WATER BY RESPONDENTS (PHASE II).....	27
FIGURE 5-15 PREPARATION PATTERN FOR DRINKING WATER BY PAPS (PHASE II)	28
FIGURE 5-16 COMPARISON OF STANDARD LIVING OF PAPS AT RS (ZONE A) TO THIRD EMS.....	29
FIGURE 5-17 USE OF HEALTH FACILITIES BY RESPONDENTS (PHASE II).....	31
FIGURE 5-18 USE OF HEALTH FACILITIES BY PAPS (PHASE II)	31

LIST OF TABLES

TABLE 5-1 HOUSEHOLD CHARACTERISTICS	7
TABLE 5-2 CHANGES IN JOB FOR HOUSEHOLD HEADS AFTER THIRD EMS (PAPS AT RS (ZONE A)).....	8
TABLE 5-3 LOCATION OF WORK	9
TABLE 5-4 MODE OF TRANSPORTATION TO WORK	9
TABLE 5-5 AVERAGE HOUSEHOLD INCOME OF RESPONDENTS	10
TABLE 5-6 PER CAPITA INCOME OF RESPONDENTS.....	10
TABLE 5-7 COMPARISON OF AVERAGE HOUSEHOLD INCOME OF PAPS AT RS (ZONE A).....	11
TABLE 5-8 PRIMARY INCOME SOURCES.....	11
TABLE 5-9 SECONDARY INCOME SOURCES.....	12
TABLE 5-10 AVERAGE ANNUAL AND MONTHLY EXPENDITURE OF RESPONDENTS	13
TABLE 5-11 COMPARISON OF AVERAGE ANNUAL AND MONTHLY EXPENDITURE OF PAPS AT RS (ZONE A).....	13
TABLE 5-12 AVERAGE ANNUAL FOOD AND NON-FOOD EXPENDITURE OF RESPONDENTS.....	13
TABLE 5-13 SAVINGS AND CREDIT GROUP MEMBER HOUSEHOLD	14
TABLE 5-14 COMPARISON OF SAVING AND CREDIT GROUP MEMBER HOUSEHOLDS OF PAPS AT RS FROM ZONE A	15
TABLE 5-15 LEVELS OF DEBT OF RESPONDENTS.....	16
TABLE 5-16 LEVEL OF DEBT OF PAPS AT RS (A) ONLY FROM ZONE A.....	17
TABLE 5-17 FOOD SHORTAGE OF RESPONDENTS	17
TABLE 5-18 FOOD SHORTAGE OF PAPS AT RS (ZONE A)	17
TABLE 5-19 OWNERSHIP OF MOVEABLE ASSETS BY PAPS.....	19
TABLE 5-20 ENVIRONMENTAL CONDITIONS	20
TABLE 5-21 ATTENDANCE AT SCHOOL, DROP OUT RATES AND ACCESS TO EDUCATION FACILITIES	29
TABLE 5-22 RESPONSE ON ILLNESS AND SERIOUS ILLNESS RATE	30
TABLE 5-23 CURRENT ENVIRONMENTAL CONDITION.....	32
TABLE 5-24 PARTICIPATION IN VOCATIONAL TRAINING AS PART OF IRP	33
TABLE 5-25 COMMUNITY COMMUNICATIONS AND SOCIAL ACTIVITIES IN HH NUMBER	34
TABLE 5-26 COMMUNITY COMMUNICATIONS AND SOCIAL ACTIVITIES BY PERCENTAGE.....	35
TABLE 5-27 COMMUNITY PROBLEM-SOLVING AND SOCIAL RELATIONSHIPS.....	36

Annexes

- Annex 1: Questionnaire for PAPs living in Relocation Site as Owners (A)
- Annex 2: Questionnaire for PAPs who sold/rented their house in Relocation Site (B)
- Annex 3: Questionnaire for PAPs only economically affected (not physically affected) (C)
- Annex 4: Questionnaire for Host Community (D)
- Annex 5: Questionnaire for People living in Relocation Site (not PAPs) (E)
- Annex 6: List of Respondents (PAPs at Relocation Site Owners) actually surveyed
- Annex 7: List of Respondents (PAPs who sold/rented in Relocation Site) actually surveyed
- Annex 8: List of Respondents (PAPs only economically displaced) actually surveyed
- Annex 9: List of Respondents (Host Community) actually surveyed
- Annex 10: List of Respondents (Living in Relocation Site as New Owners/Renters (not PAPs) (E) actually surveyed

LIST OF ABBREVIATIONS

COD	Cut-off Date
DHSHD	Department of Human Settlement and Housing Development
DMS	Detailed Measurement Survey
EIA	Environmental Impact Assessment
FDI	Foreign Direct Investment
GAD	General Administration Department
GOM	The Government of the Republic of the Union of Myanmar
HH	Household
IRP	Income Restoration Program
IRPISC	Income Restoration Program Implementation Sub-Committee
JICA	Japan International Cooperation Agency
MJTD	Myanmar Japan Thilawa Development Ltd
MMK	Myanmar Kyat
MOC	Ministry of Construction
NGO	Non Governmental Organization
ODA	Official Development Assistance
OP	World Bank Operational Policy
PAHs	Project Affected Households
PAPs	Project Affected Persons
RISC	Relocation Implementation Sub-Committee
RS	Relocation site
RWP	Resettlement Work Plan
SEZ	Special Economic Zone
SLRD	Settlement and Land Record Department
TOR	Terms of Reference
TKDC	Thanlyin-Kyauktan Development Company
TSEZMC	Thilawa SEZ Management Committee
YRG	Yangon Region Government
WB	The World Bank

1 Introduction

1.1 Background of Thilawa Special Economic Zone (SEZ)

Since November 2011, the Myanmar Government has been planning economic restructuring from the current structure that mainly depends on agriculture, forestry, and fisheries, to a new structure that focuses on labor-intensive industries such as manufacturing and services. To boost such economic restructuring it has been proposed to attract direct investment and market entry by companies from developed countries that have important resources such as technology, capital, management skills, and sales skills. The Myanmar government has placed a priority on attracting Foreign Direct Investment (FDI) in order to achieve economic development. As such, three Special Economic Zones (SEZs) have been earmarked for development; these are in Thilawa, Dawei, and Kyaukphyu.

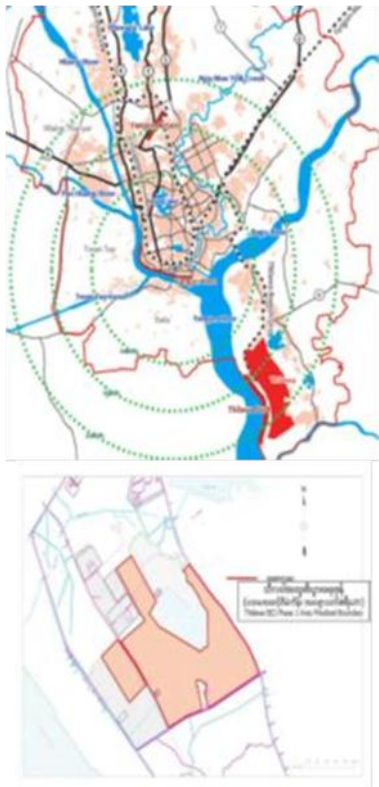
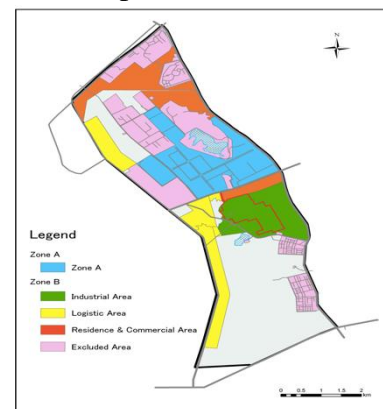


Figure 1-1 Location of Thilawa SEZ Development Area

Thilawa SEZ is located in Yangon Region about 20 km on the southeast side of Yangon city. The Thilawa SEZ covers an area of about 2,400 ha alongside the Thilawa Port. Thilawa SEZ land for factories near Yangon, to promote the country's industrialization as well as generate jobs for Myanmar people. This project is expected to support sustainable economic development for Myanmar, contributing to improved living standards for its people and the development of industries that can meet rising domestic demand.

The land use plan for the entire development area of Thilawa SEZ has been prepared based on the above development concept. The Phase 1 area of about 400 ha (Phase I area) has been selected as a priority development. This Phase 1 area was planned to be developed as a base for significant investment from foreign and domestic companies, supporting the country's industrialization. Myanmar Japan Thilawa Development Ltd. (MJTD) is a joint venture between the Myanmar and Japanese governments and companies from both countries.

Development Plan of Zone B Area: As part of the 2000ha Development Area, the development plan of approximately 700 ha is now being formulated as Phase 2 / Zone B (the Zone B Development Area). The Zone B Development Area consists of approximately 262 ha of Industrial Area, 267 ha of Logistic Area and 169 ha of Residence & Commercial Area as shown in Figure 1-3. Environmental Impact Assessment (EIA) study on the Zone B Development Area was also conducted in parallel with planning. Approximately 100 ha out of 262 ha was identified as the Initial Development Area of the Industrial Area (Area 2-1), while the remaining approximately 162 ha is also planned to be developed as the Second Development Area (Area



2-2). Accordingly, the RWP was prepared for Area 2-1 in August 2016, and the RWP is being prepared for the remaining area as the Second Development Area (Area 2-2) in Area 2 separately based on the contents stipulated in the Framework prepared by TSMC in February 2016

1.2 Management of the Thilawa SEZ Resettlement Program

The Yangon Region Government (YRG) is the responsible body for implementation of the Resettlement Work Plan (RWP) that was prepared for the Phase 1 area. Two sub-committees have also been established, chaired by the Administrators of General Administration Departments (GADs) of Thanlyin and Kyauktan Townships. One sub-committee is Relocation Implementation Sub-Committee (RISC), which deals with disbursement of monetary assistance and the arrangement of living conditions at the relocation site (RS). The other sub-committee is Income Restoration Program Implementation Sub-Committee (IRPSC), which manages the implementation of the Income Restoration Program (IRP). The Thilawa SEZ Management Committee (TSEZMC) is a cooperative agency, supporting YRG, RISC and IRPSC in the smooth implementation of the RWP including the IRP. The responsibility of TSEZMC is: “to cooperate with YRG, RISC and IRPISC to support for resettlement works as needed, such as schedule management of relocation and development of SEZ area and facilitation of the job recruitment of project affected persons (PAPs) in the SEZ area” in accordance with [Pg III.28, Interim Report on Technical Assistance for Preparation of Resettlement Work Plan in Myanmar].

1.3 Thilawa Phase 2 Resettlement and Income Restoration Program

1.3.1 Phase 2 Resettlement Program

From 4 to 26 April 2013 (April Census), field surveys were conducted for census and socio-economic information for all of households living inside the Thilawa SEZ Development Area. DMS was conducted to supplement information collected in the April Census and to confirm assets of PAHs/PAPs during May 2014 and October 2015 for the 2000ha Development Area. An additional DMS was carried out in December 2016 for households who were not surveyed in DMS. According to DMS, the number of PAHs and PAPs to be affected by the development of Area 2-2 East are 99 and 387, respectively as of December 2016. PAHs have been divided into five groups (A to E) depending on the types of impacts as per DMS. Cut-off date (COD) is the day to determine eligibility for entitlement of compensation and/or assistance. Persons (or households) living or performing income generation activities inside the area of Thilawa SEZ on COD are eligible for compensation and/or assistance package. The principles of eligibility for the compensation and/or assistance package are shown below:

- (1) Households living inside the Second Development Area (Area 2-2 East) on the day of COD.
- (2) Households occupying some area inside the Second Development Area (Area 2-2 East) on the day of COD by doing income generation activities or holding structures though living outside the Initial Development Area.
- (3) Households whose land is under the official land acquisition procedure.

Actually, IRP is proposed to be composed of two main components: Component-1: as for all PAPs, support for restoration of economic conditions through a combination of activities for enhancement of income earning opportunities and household account management, Component-2: as for PAPs who are resettled to new place, support for adapting environmental and social living conditions through community development

As described in the RWP, the loss of house was assisted by providing a substitute house at the RS or the equivalent money to cover house construction costs for those who prefer to construct their own house at the RS. Monetary assistance was also provided for losses of other fixed assets (livestock barns), large livestock (buffalo and cow) and agriculture machines. Loss of means of livelihood for land-based and non-land-based income sources was assisted with monetary assistance for improving or restoring livelihoods to at least pre-project level. As for land-based income sources, monetary assistance was calculated based on crop yield by referring to national regulations. As for non-land-based income sources, monetary assistance was paid in the form of an allowance of wages for the period of disrupting income generating activities due to relocation. In addition to assistance for loss of assets and income sources, monetary assistance for moving, commuting and cooperation for relocation was provided to enhance smooth relocation and to support commuting after relocation.

Assistance for vulnerable groups was provided since relocation affects vulnerable groups more severely than others. The project defines as vulnerable a household headed by a woman, disabled person or an elderly person (over 61 years old), a household including a disabled person or a household below the poverty line.

1.3.2 Income Restoration Program (IRP)

Households living in or engaged in income generating activities inside the Phase I area whose livelihoods were affected due to implementation of the Phase 2 project are eligible to participate in the Income Restoration Program (IRP). The IRP is in-kind assistance provided to PAPs in order to restore and stabilise their livelihoods and income sources. The IRP focuses on diversified economic activities for PAPs to generate income for three years after resettlement, to enable them to cover their basic needs after relocation. In order to restore their livelihoods, the development of Phase 2 is providing PAPs with an assistance package through the IRP, which includes vocational training and other support measures.

The IRP aims to assist PAPs to have job opportunities in/around Thilawa SEZ and to be engaged in small scale businesses. The IRP is being provided to all PAPs including the following (as per RWP):

- a) Farmers who need to change from farming to another income earning activity;
- b) Daily casual workers and other off-farm workers who want to change job location;
- c) Unemployed people who want to improve their technical skills to find a job; and
- d) PAPs that do not need to change their current income earning activities but want to improve their technical skills and/or income level.

2 Objectives of the External Monitoring

Monitoring and evaluation of the progress of the resettlement works and IRP is conducted by independent third party, focusing on PAPs of the Phase 1 and 2 areas only (where resettlement has already occurred). The objectives of the 1st external monitoring for Phase 2 are to:

- To monitor the changes of socio-economic conditions of PAPs during the interval period
- To provide recommendations in the implementation of RWP and IRP to improve effectiveness

3 Scope of the Monitoring

3.1 Work Period

Data collection for socio-economic survey started on 13th December 2017 and ended on 22nd December 2017. After conducting the survey, data entry was conducted and completed on 27th January 2018. Data cleaning and data analysis finished on 7th January 2018. The first draft report was submitted on 20th February 2018. The report will be finalized by the end of February 2018 after incorporating comments from JICA Expert Team.

3.2 Methodology Used and Sources of Information

- ✓ Document review
- ✓ Socio-economic survey for Project Affected Households. The household questionnaires used for this External Monitoring are included in Annexes 2 to 6.
- ✓ One focus group discussion with microfinance committee
- ✓ Observation on project sites

3.3 Impact Monitoring of the RWP Implementation

To see the impact of the RWP implementation, the socio-economic survey was conducted to see any changes in PAF's livelihood. The survey parameters of the socio-economic survey were designed to obtain data and information on a range of specific issues as follows: the conditions of the RS and housing and infrastructure; settlement at the RS; restoration/re-establishment of livelihoods and living standards; the effectiveness, impact and sustainability of entitlements and the IRP; and the potential need for further improvements. The parameters chosen were organised in the survey questionnaires in the following themes:

- Demography;
- Livelihoods, Income and Expenditure;
- Housing and Infrastructure at RS;
- Ownership of Assets;
- Education and Health Care;
- Environmental Conditions; and
- Communications, Social Networks and Social Cohesion.

A series of open and closed questions were included in the household questionnaire under each of these key themes. As described above, these were tailored for the different groups targeted in the survey. The questionnaire forms for the socio-economic survey are attached in Annex 2-6.

3.4 Targeted Groups for Monitoring

A number of different categories of PAPs were targeted for the monitoring survey as well as members of the Host Community at Myaing Tharyar and PAPs living at relocation site (A) Zone A, Phase I for a comparison with the resettled/displaced population. It was also important to obtain data from new residents at the RS, including those who have rented or purchased houses from PAPs. The following table lists the different categories of people targeted for the survey, the number of households targeted in each group and the number actually surveyed.

Category of Survey Participants	No. of Targeted Households to be surveyed	No. of Households surveyed actually at the 1 st EMS for Zone B, Phase II
A1: PAPs living in the RS (owners) from Zone A, Phase I	28	26
A2: PAPs living in the RS (owners) from Zone B, Phase II	40	39
B: PAPs who sold / rented their house at the RS from Zone B, Phase II	50	42
C: PAPs economically displaced only (not physically affected) from Zone B, Phase II	15	5
D: Host Community at Myaing Tharyar Ward (2), (3)	20	20
E: People living in Relocation Site (not PAPs ¹)	32	30
Total	185	162

Source: Prepared by the External Monitoring Consultants

3.5 Organization of the Survey Team

The team of TWA Rural Development Service (known herein as “TWA”) consists of a number of Myanmar national staff, all of whom have experience in the field of rural livelihood improvement, participatory community development and community mobilisation.

TWA was established in 1999. Daw Win Win Kyi, the Chairperson of TWA, organised and supervised the survey team to implement this survey. The TWA survey team comprised the following key members:

- Daw Win Win Kyi, Senior Socio-Economic Consultant;
- Daw Khin Yu Yu Win, Socio-Economic Consultant;
- U Sithu Kyaw, Data Analyst;
- Daw Khatta Soe, Social Survey Team Leader; Daw Theingi Win, Social Surveyor, Daw Phoo Phoo Soe, Social Surveyor; U Min Swe, Social Surveyor, U Min Min Naing, Social Surveyor, U Thaung Win, Social Surveyor, U Phoe Chit, Social Surveyor

4 Process of Monitoring

Existing Data Review and Preparation of the Field Activities (Site Visits, Socio-economic Survey) TWA reviewed and examined the profile of the PAPs and also reviewed progress reports such as the RWP and IRP documentations prepared by JICA expert team. TWA then mobilized a survey team comprised of surveyors in December 2017. TWA provided two-day training to the surveyors on the objective of the survey, the meanings of the survey questionnaires, the responsibility and role of the surveyors, and data collection and data entry procedures.

4.1 Additional Data Collection and Data Entry

The field survey of the Socio-economic survey started on 13th December 2017 and ended on 22nd December 2017. The surveyors explained the questionnaires to the survey respondents and collected the data, and checked all the data not to be missed in the questionnaire forms in the field. After the data gathering process, the data was processed in parallel to data cleaning. The data input was then cross-checked again to ensure the relevance to the information sought through the questionnaires.

4.2 Data Analysis

Data was processed and analysed in Microsoft Excel through the following steps by data analyst and surveyors during January 2018. Cleaned the data and entered it into an excel file;

- Listed tables and charts inferred from the baseline and current data;
- Summarized the data collected;
- Finalized the results of the survey; and
- Created charts and tables to display the survey results; and interpreted the charts and tables.

4.3 Report Format

This report has been organized in the following sections:

- **Chapter 1 Introduction** - Summary of Thilawa Special Economic Zone (SEZ) and management of the Thilawa SEZ resettlement program, and Thilawa Phase 1 resettlement and income restoration

- **Chapter 2 Objectives of the External Monitoring** - Overall objectives of the external monitoring, specific monitoring of the 2nd external monitoring and summary of the 1st external monitoring
- **Chapter 3 Scope of the Monitoring** - Descriptions of work period, methodology used and sources of information, monitoring parameters, targeted groups for monitoring and organization of the survey team
- **Chapter 4 Process of Monitoring** - Descriptions on specific analysis/evaluation process in this monitoring work such as documentary review, preparation of the socio-economic survey, additional data collection and data entry, interview with stakeholders, data analysis, report formatting, and limitation
- **Chapter 5 Result of Monitoring** - Descriptions on institutional preparedness, compliance review of RWP implementation, impact monitoring of RWP implementation
- **Chapter 6 Conclusion and Recommendations** - Conclusions on achievement of the RWP implementation and income restoration activities and the recommended remedial actions for issues and challenges identified through this monitoring activity.

4.4 Limitations

This external monitoring report/evaluation is mainly based on interactions with PAPs through the socio-economic survey and review of the existing monitoring documents and other resettlement-related records by the external monitoring consultants. This evaluation is not a review of the RWP against international standards, and no assessment has been made about whether or not the RWP is fit-for-purpose in accordance with the relevant standards.

5 Results of Socio-economic Survey of the Project Affected Persons

5.1 Demography

The table (5-1) divides the household characteristics of project affected people into Zone A (phase 1) and Zone B (phase 2). Comparison was made among PAPs living at the relocation site in Zone A (phase 1) and PAPs living at the relocation site (A), PAPs sold/rented out at the relocation site (B), PAPs economically displaced only (C) in Zone B (phase 2), Host community (D) and New owners/renters (E).

Average household size of all PAPs (A) in Zone A and B and Host community are in the range of 4 and 5 except New owners/renters. 78% of New owners/renters (E) are between the age of 18 and 60, followed by 71% of PAPs economically displaced only (C), 65% of PAPs sold/rented out at RS (B), 64% of Host community (D), 60% of PAPs living at RS (A) from Zone B, 51% of PAPs living RS (A) from Zone A. The highest dependency ratio (1.6) is found in PAPs living at RS (A) from Zone B while the least dependency ratio (0.5) in PAPs economically displaced only (C).

Table 5-1 Household Characteristics

SN	Description	Phase I / Zone A	Phase II/ Zone B	
			PAPs	Non PAPs

		PAPs at RS (A=26 HHs)	PAPs at RS (A=39 HHs)	PAPs sold/rented out at RS (B=42 HHs)	Eco. displaced only (C=5 HHs)	Host comm. (D=20 HHs)	New owner/ renter (E=30 HHs)
1	Population						
	Male	63	96	93	7	41	60
	Female	65	95	94	14	54	37
	Total	128	191	187	21	95	97
2	Gender ratio	1.0	1.0	1.0	0.5	0.8	1.6
3	Age group						
	Under 18	52 (41%)	63 (33%)	56 (30%)	3 (14%)	30 (32%)	15 (15%)
	Between 18 and 60	65 (51%)	114 (60%)	121 (65%)	15 (71%)	61 (64%)	76 (78%)
	Above 60	11 (9%)	14 (7%)	10 (5%)	3 (14%)	4 (4%)	6 (6%)
4	Disable person	1	3	1	-	-	2
5	Household size	4.9	4.9	4.5	4.2	4.8	3.2
6	Dependency ratio	1.5	1.6	1.1	0.5	1.2	0.7
	Dependent people	77	117	99	7	51	39
	Working people	51	74	88	14	44	58

Source: Phase II Monitoring Survey in December, 2017

The comparison was made the household characteristics of the first EMS, second EMS, third EMS and fourth EMS for those PAPs living at relocation site (A) from Zone (A) only. It is found that working age group between 18 to 60 of PAPs living at relocation site (A) has been just over 50% at every EMS. The average household size has been around 5 people per family. Dependency ratio reduced to 1.5 compared with the first, second and third external monitoring survey (EMS).

Dependency ratio is the highest in PAPs living at relocation site (A) from Zone B, followed by PAPs living at relocation site (A) from Zone A. PAPs economically displaced only (C) from Zone B has the least dependency ratio among PAPs.

PAPs living at relocation site from Zone A and B have bigger family size than other different types of PAPs and non-PAPs. Although there are many family members in PAPs living at relocation site (A) from Zone A and B, number of working people is less than that of dependent people in their households.

5.2 Changes in Job for Household Heads

After the third EMS, household heads' job of PAPs living at relocation site A (Zone A) changed to 23%.

Table 5-2 Changes in Job for Household Heads after Third EMS (PAPs at RS (Zone A))

SN	Description	Frequency	%
----	-------------	-----------	---

1	HHs' Head job changes after 3 rd EMS	6	23%
2	HHs' Head job changes after 2 nd EMS	3	10%
3	HHs' Head job changes after 1 st EMS	16	41%

Source: Phase II Monitoring Survey in December, 2017

5.3 Location of Work

Respondents were asked to identify their current location of work. Over 50% of respondents from all categories are working in Kyauktan Township, with the significance figure (80%) of new owners/renters at the relocation site (E). 32% of households of PAPs living at relocation site from Zone (A), Phase 1 works at Thanlyin township, followed by 29% of PAPs sold/rented out at relocation site (B).

Table 5-3 Location of Work

SN	Description	Phase I / Zone A	Phase II/ Zone B				
			PAPs			Non PAPs	
		PAPs at RS (A=26 HHs)	PAPs at RS (A=39 HHs)	PAPs sold/rented out at RS (B=42 HHs)	Eco. displaced only (C=5 HHs)	Host comm. (D=20 HHs)	New owner/ renter (E=30 HHs)
1	Location of work						
	Kyauktan	20 (53%)	42 (69%)	40 (59%)	8 (62%)	20 (56%)	43 (80%)
	Thanlyin	12 (32%)	7 (11%)	20 (29%)	2 (15%)	5 (14%)	3 (6%)
	Yangon	3 (8%)	11 (18%)	5 (7%)	3 (23%)	7 (19%)	3 (6%)
	Other (out of Yangon)	3 (8%)	1 (2%)	3 (4%)	0%	4 (11%)	5 (9%)

Source: Phase II Monitoring Survey in December, 2017

5.4 Transportation to Work

Modes of transportation commonly used by respondents are public transport, ferry bus, motorbike taxi, motorbike, bicycle and on foot. Host community (D) mainly use either public transport or motorbike for going to work. Majority of New owners/ renters (E) go to work by ferry bus, followed by motorbike. PAPs economically displaced only (C) use most either ferry bus or motorbike to go to work. Most of PAPs sold/rented out at relocation site (B) use motorbike as a main transportation. PAPs living at relocation site (A) from Zone B Phase II mainly travel by ferry bus while those living at relocation site (A) from Zone A Phase I mainly used motorbike for their location to work. It can be seen that respondents travel to work by using different means of transportation based on their location of work.

Table 5-4 Mode of Transportation to Work

SN	Description	Phase I / Zone A	Phase II/ Zone B	
			PAPs	Non PAPs

		PAPs at RS (A=26 HHs)	PAPs at RS (A=39 HHs)	PAPs sold/rented out at RS (B=42 HHs)	Eco. displaced only (C=5 HHs)	Host comm. (D=20 HHs)	New owner/ renter (E=30 HHs)
1	Mode of Transportation						
	On foot	1 (3%)	2 (4%)	18 (30%)	5 (38%)	4 (11%)	1 (2%)
	Bicycle	5 (13%)	1 (2%)	1 (2%)	0%	1 (3%)	3 (6%)
	Motorbike	16 (42%)	17 (31%)	22 (37%)	1 (8%)	8 (23%)	14 (29%)
	Motorbike Taxi	5 (13%)	4 (7%)	5 (8%)	2 (15%)	1 (3%)	3 (6%)
	Ferry bus	8 (21%)	19 (35%)	9 (15%)	5 (38%)	6 (17%)	21 (44%)
	Public transport	2 (5%)	5 (9%)	3 (5%)	0%	8 (23%)	1 (2%)
	Other	1 (3%)	6 (11%)	2 (3%)	0%	7 (20%)	5 (10%)

Source: Phase II Monitoring Survey in December, 2017

5.5 Household Income and Expenditure

The table (5-5) shows average monthly and annual household income of all types of respondents from Zone A Phase I, Zone B Phase II, Host community and New owners/renters. Of total respondents surveyed, PAPs living at relocation site (A) from Zone A Phase I earn the least average income per annum (2,941,385 MMK) while Host community (D) earn the highest income (7,204,800 MMK) annually. In Zone B, average annual income of PAPs economically displaced only (C) is the highest (6,672,000 MMK), followed by PAPs living at relocation site (A) and PAPs sold/rented out at relocation site (B).

Table 5-5 Average Household Income of Respondents

S N	Description	Phase II/ Zone B					
		Phase I / Zone A	PAPs			Non PAPs	
		PAPs at RS (A=26 HHs)	PAPs at RS (A=39 HHs)	PAPs sold/rented out at RS (B=42 HHs)	Eco. displaced only (C=5 HHs)	Host comm. (D=20 HHs)	New owner/ renter (E=30 HHs)
1	Annual Average Income	2,941,385	6,267,692	6,156,857	6,672,000	7,204,800	6,696,000
2	Monthly Average Income	245,115	522,308	513,071	556,000	600,400	558,000

Source: Phase II Monitoring Survey in December, 2017

The table (5-6) shows per capita income of different types of respondents annually and monthly. If compared with per capita income per month among project affected people from Zone A and Zone B, monthly income of PAPs living at relocation site (A) from Zone (A) Phase I is just half of PAPs from Zone B. Of PAPs from Zone (B) Phase II, PAPs living at relocation site (A) have the least per capita income per month (106,649 MMK), followed by PAPs sold/rented out at relocation site (B) and PAPs living at relocation site (A). It is found that per capita income of New Owners/renters (E) is the highest (172,577 MMK/month).

Table 5-6 Per Capita Income of Respondents

S N	Description	Phase I / Zone A	Phase II				
		PAPs at RS (A) pop=128	PAPs			Non PAPs	
			PAPs at RS (A=39 HHs)	PAPs sold/rented out at RS (B=42 HHs)	Eco. displaced only (C=5 HHs)	Host comm. (D=20 HHs)	New owner/ renter (E=30 HHs)
1	Per Capita Income per Annum	597,469	1,279,791	1,382,824	1,588,571	1,516,800	2,070,928
2	Per Capita Income per Month	49,789	106,649	115,235	132,381	126,400	172,577

Source: Phase II Monitoring Survey in December, 2017

Average household income of PAPs living at relocation site (A) only from Zone A are shown in the table (5-7) below.

Table 5-7 Comparison of Average Household Income of PAPs at RS (Zone A)

SN	Description	PAPs at RS (Zone A)				
		Before resettlement (DMS*, 2013)	1st EMS (Dec 2014)	2nd EMS (Sep 2015)	3rd EMS (Jul 2016)	4th EMS (Dec 2017)
1	Annual Average Income	1,698,718	2,155,263	2,406,000	2,765,806	2,941,385
2	Monthly Average Income	141,560	179,605	200,500	230,484	245,115

*DMS=Detailed Measurement Surveyed conducted by Myanmar Government in Jan-Aug 2013.

Source: Phase II Monitoring Survey in December, 2017

Common primary and secondary income sources are wage work, odd job and home business. Very few people are still engaged in rice farming and livestock related activities. All types of respondent categories have primary and secondary income sources. 35% of PAPs living at relocation site (A) from Zone A work as wage workers, followed by 19% as odd jobs, and 12% as home business. In Zone B, PAPs living at relocation site (A) are mostly engaged in odd jobs (36%), wage workers (31%) and home business (13%). Home business is found as major primary income source for PAPs sold/rented out at relocation site (B) from Zone B, followed by wage worker and odd job. 60% of economically displaced only (c) from Zone B work as wage workers, followed by home business (40%).

Table 5-8 Primary Income Sources

SN	Description (Primary Income Source)	Phase I / Zone A	Phase II/ Zone B				
		PAPs at RS (A=26 HHs)	PAPs			Non PAPs	
			PAPs at RS (A=39 HHs)	PAPs sold/rented out at RS (B=42 HHs)	Eco. Displace d Only (C=5 HHs)	Host comm. (D=20 HHs)	Owner/ renter (E=30 HHs)
1	Rice Farming	1 (4%)	2 (5%)	1 (2%)	0	1 (5%)	0

2	Wage worker	9 (35%)	12 (31%)	12 (29%)	3 (60%)	4 (20%)	16 (53%)
3	Odd job	5 (19%)	14 (36%)	7 (17%)	0	5 (25%)	6 (20%)
4	Home business	3 (12%)	5 (13%)	13 (31%)	2 (40%)	4 (20%)	5 (17%)
5	Livestock	0	0	2 (5%)	0	1 (5%)	1 (3%)
6	Public servant	4 (15%)	1 (3%)	0	0	0	2 (7%)
7	Cash Crops	0	0	2 (5%)	0	0	0
8	other(pensioner)	1 (4%)	0	0	0	0	0
9	Other	2 (8%)	4 (10%)	5 (12%)	0	5 (25%)	0
10	No Job	1 (4%)	1 (3%)	0	0	0	0
11	Total	26	39	42	5	20	30

Source: Phase II Monitoring Survey in December, 2017

From this income source tables (5-8 and 5-9), it can be learnt that majority of any types of PAPs have to be engaged in odd job due to the loss of their traditional livelihood such as rice farming and livestock. Income sources are vital for their livelihood survival. It is suggested that investment advice should come together with compensation for their long-term survival so that they can cope with new environment.

Table 5-9 Secondary Income Sources

SN	Description (Secondary Income Source)	Phase I / Zone A	Phase II				
			PAPs			Non PAPs	
		PAPs at RS (A=26 HHs)	PAPs at RS (A=39 HHs)	PAPs sold/rented out at RS (B=42 HHs)	Eco. Displaced Only (C=5 HHs)	Host Comm. (D=20 HHs)	New Owner/ Renter (E=30 HHs)
1	Rice Farming	0	1 (3%)	1 (2%)	0	0	0
2	Wage worker	4 (15%)	8 (21%)	7 (17%)	0	7 (35%)	7 (23%)
3	Odd job	5 (19%)	6 (15%)	4 (10%)	1 (20%)	2 (10%)	1 (3%)
4	Home business	3 (12%)	2 (5%)	6 (14%)	2 (40%)	3 (15%)	4 (13%)
5	Livestock	1 (4%)	1 (3%)	1 (2%)	0	0	0
6	Public servant	1 (4%)	1 (3%)	1 (2%)	0	0	2 (7%)
7	Other	3 (12%)	2 (5%)	7 (17%)	0	1 (5%)	0
8	No secondary job	9 (35%)	18 (46%)	15 (36%)	2 (40%)	7 (35%)	16 (53%)
9	Total	26	39	42	5	20	30

Source: Phase II Monitoring Survey in December, 2017

The table (5-10) illustrates the average annual and monthly expenditure spent by respondents from Phase I and II. PAPs sold/rented out at relocation site (B) from Zone B Phase II have the highest expenditure per month, followed while PAPs living at relocation site (A) from Zone A have the least monthly expenditure.

In comparison of monthly expenditure and income of PAPs from Zone A and Zone B, it is found that the monthly expenditure (343,277 MMK) of PAPs living at relocation site (A) from Zone A exceed their monthly earning (245,115 MMK) although their spending on expenditures is the least. As for different categories of PAPs from Zone B and Non-PAPs, their monthly income outweighs their monthly expenditure.

Table 5-10 Average Annual and Monthly Expenditure of Respondents

S N	Descrip tion	Phase I / Zone A		Phase II/ Zone B			
		PAPs at RS (A=26 HHs)	PAPs at RS (A=39 HHs)	PAPs		PAPs	
				PAPs sold/rented out at RS (B=42 HHs)	Eco. Displaced Only (C=5 HHs)	Host Comm. (D=20 HHs)	New Owner/ Renter (E=30 HHs)
1	Annual Average Expenditure	4,119,323	4,590,908	4,841,286	4,344,000	2,992,140	3,792,800
2	Monthly Average Expenditure	343,277	382,576	403,440	362,000	249,345	316,067

Source: Phase II Monitoring Survey in December, 2017

The table (5-11) describes the comparison of average annual and monthly expenditure of PAPs living at relocation site (A) only from Zone A throughout four consecutive external monitoring surveys. At 4th EMS, their expenditure is found highest if comparing the remaining external monitoring surveys. If compared with their monthly income and expenditure, their spending has been exceeding their earning.

Table 5-11 Comparison of Average Annual and Monthly Expenditure of PAPs at RS (Zone A)

SN	Description	Before resettlement (DMS*, 2013)	1st EMS (Dec 2014)	2nd EMS (Sep 2015)	3rd EMS (Jul 2016)	4th EMS (Dec 2017)
1	Annual Average Expenditure	1,995,789	3,922,215	3,247,169	2,891,110	4,119,323
2	Monthly Average Expenditure	166,316	326,851	270,597	240,926	343,277

*DMS=Detailed Measurement Surveyed conducted by Myanmar Government in Jan-Aug 2013.

Source: Phase II Monitoring Survey in December, 2017

The table (5-12) shows food and non-food expenditure annually consumed by PAPs from Zone A /B and Non-PAPs. Except New owners/renters, all types of respondents spent more on food expenditure than non-food expenditure. The highest spending on food expenditure per annum (3,419,714 MMK) is found in PAPs sold/rented out at relocation site (B) from Zone B as well as for highest spending on annual non-food expenditures (2,515,600 MMK).

Table 5-12 Average Annual Food and Non-food Expenditure of Respondents

S N	Description	Phase I / Zone A	Phase II/ Zone B				
		PAPs at RS (A=26 HHs)	PAPs at RS (A=39 HHs)	PAPs		PAPs	
				PAPs sold/rented out at RS (B=42 HHs)	Eco. Displaced Only (C=5 HHs)	Host Comm. (D=20 HHs)	New Owner/ Renter (E=30 HHs)
1	Annual Average Food Expenditure	2,437,292	2,346,708	3,419,714	2,572,800	1,883,280	1,771,200
2	Annual Average Non- food Expenditure	1,682,031	2,244,200	2,515,600	1,771,200	1,230,660	2,021,600

Source: Phase II Monitoring Survey in December, 2017

5.6 Savings

Very few PAPs and non-PAPs (under 43%) have savings. The PAPs living in the RS (A) for the Phase II have the least savings (18%). Those PAPs who sold/rented a house at the RS (B) have the highest saving level (43%) amongst the respondents, followed by the new owners/renters with the saving level (40%). Most of the households with savings keep their money at a bank or at home. The PAPs at RS (A) from Phase I have the access to credit groups and therefore, all of them are accessing credit readily. One of the factors that have resulted among the respondents is that about 20% of them use their money in investing in business.

In terms of credit group membership the new owners/renters living in the RS are not members of a credit group. Credit group members are found amongst the other categories, except the new owners/renters living in the RS. This indicates that PAPs and Renters living in the RS, which is a relatively new settlement, are not yet accessing available credit groups.

Table 5-13 Savings and Credit Group Member Household

SN	Description	Phase I / Zone A	Phase II/ Zone B				
		PAPs at RS (A=26 HHs)	PAPs at RS (A=39 HHs)	PAPs		Non PAPs	
				PAPs sold/rented out at RS (B=42 HHs)	Eco. Displaced Only (C=5 HHs)	Host Comm. (D=20 HHs)	New Owner/ Renter (E=30 HHs)
1	Saving						
	# of Saving HH	11	7	18	1	4	12
	% of Saving HH	42%	18%	43%	20%	20%	40%
2	Usage of Extra Money						
	Saving with bank / at home	-	2	7	1	3	8
	Invest in business	-	1	4	-	-	2
	Microfinance	13	1	8	-	-	-

	Other	-	1	-	-	-	1
3	Usage of Extra Money						
	Saving with bank / at home	0%	40%	37%	100%	100%	73%
	Invest in business	0%	20%	21%	0%	0%	18%
	Microfinance	100%	20%	42%	0%	0%	0%
	Other	0%	20%	0%	0%	0%	9%
4	Credit Group						
	# of Credit Group Member	18	4	15	1	7	-
	% of Credit Group Member	69%	10%	36%	20%	35%	0%

Source: Phase II Monitoring Survey in December, 2017

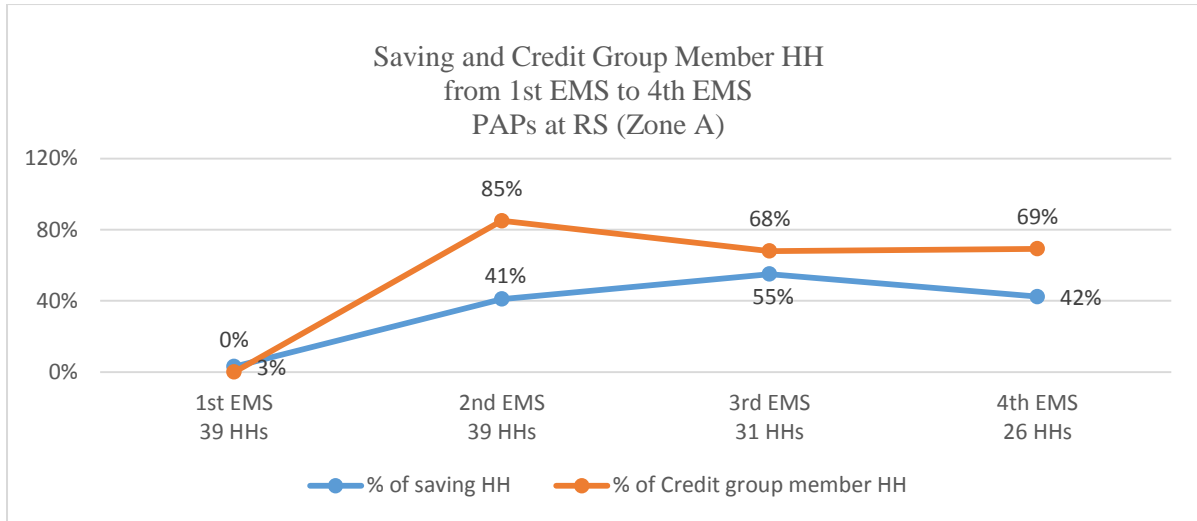
The table (5-14) shows the comparison of saving and credit group members households of PAPs at relocation site (A) only from Zone A. There are some fluctuations in savings for PAPs at RS during four consecutive external monitoring surveys. The saving rate has dropped down from 55% to 42% at 4th EMS. There is only one percentage increment in credit group members. The highest percentage (85%) of credit group members was found only at 2nd EMS.

Table 5-14 Comparison of Saving and Credit Group Member Households of PAPs at RS from Zone A

SN	Description	1st EMS (Dec 2014)	2nd EMS (Sep 2015)	3rd EMS (Jul 2016)	4th EMS (Dec 2017)
1	Saving				
	# of saving HH	1	16	17	11
	% of saving HH	3%	41%	55%	42%
2	Credit Group Member				
	# of Credit group member	-	33	21	18
	% of Credit group member HH	0%	85%	68%	69%

Source: Phase II Monitoring Survey in December, 2017

Figure 5-1 Saving and Credit group member households for PAPs living at RS from Zone A



Source: Phase II Monitoring Survey in December, 2017

5.7 Debt and Indebtedness

The table (5-15) shows that indebtedness of respondents in Phase I and II. The minimum and maximum range of debt level varies among all types of PAPs and non-PAPs. The minimum debt is the range between 30,000 MMK and 400,000 MMK and the maximum debt is the range of between 200,000 MMK and 10,000,000 MMK. 73% of PAPs living at relocation site (A) from Zone A borrowed money, followed by PAPs living at relocation site (A) from Zone B (59%) and PAPs sold/rented out at relocation site (B) from Zone B (50%). 20% of PAPs economically displaced only (C) are in debt.

It is found that the debt level of PAPs living at relocation site (A) from Zone A and Zone B are 9,000,000 MMK and 10,000,000 MMK respectively. Their indebtedness is much higher than the remaining types of respondents.

Table 5-15 Levels of Debt of Respondents

SN	Description	Phase I / Zone A	Phase II/ Zone B				
		PAPs at RS (A=26 HHs)	PAPs			Non PAPs	
			PAPs at RS (A=39 HHs)	PAPs sold/rented out at RS (B=42 HHs)	Eco. Displaced Only (C=5 HHs)	Host Comm. (D=20 HHs)	New Owner/ Renter (E=30 HHs)
1	# of HHs borrowing money	19	23	21	1	7	9
2	% of HHs borrowing money	73%	59%	50%	20%	35%	30%
3	Max Range of Debt	9,000,000	10,000,000	5,000,000	200,000	1,000,000	3,000,000
4	Min Range of Debt	500,000	70,000	30,000	200,000	150,000	400,000

Source: Phase II Monitoring Survey in December, 2017

The table (5-16) shows the debt level of PAPs living at relocation site (A) only from Zone A during the period of four consecutive external monitoring surveys. The number of households borrowed money has dramatically reduced during the period of 2nd EMS and 3rd EMS. But it is found that the number of households borrowed money has sharply increased at 4th EMS. The maximum debt level of PAPs living at relocation site (A) 9,000,000 MMK and the minimum debt level of PAPs living at relocation site (A) 500,000 MMK.

Table 5-16 Level of Debt of PAPs at RS (A) only from Zone A

SN	Description	1st EMS (Dec 2014)	2nd EMS (Sep 2015)	3rd EMS (Jul 2016)	4th EMS (Dec 2017)
1	# of HHs borrowing money	32	24	17	19
2	% of HHs borrowing money	82%	62%	55%	73%
3	Max Range of Debt	3,700,000	5,900,000	6,000,000	9,000,000
4	Min Range of Debt	5,000	50,000	150,000	500,000

Source: Phase II Monitoring Survey in December, 2017

5.8 Food Security

The table (5-17) shows food shortage of respondents in 12 months ago. Food shortage occurred in PAPs living at relocation site (A) from Zone A, PAPs living at relocation site (A) from Zone B and PAPs sold/rented out at relocation site from Zone B. 10% of PAPs living at relocation site (A) from Zone B had the experiences of food shortage, followed by PAPs sold/rented out at relocation site (B) 5% from Zone Band PAPs living at relocation site (A) 4% from Zone A.

Table 5-17 Food Shortage of Respondents

SN	Description	Phase I / Zone A	Phase II/ Zone B				
			PAPs			Non PAPs	
		PAPs at RS (A=26 HHs)	PAPs at RS (A=39 HHs)	PAPs sold/rented out at RS (B=42 HHs)	Eco. Displaced Only (C=5 HHs)	Host Comm. (D=20 HHs)	New Owner/ Renter (E=30 HHs)
1	No. of HH had food shortage in past 12 months	1	4	2	-	-	-
2	% of HH had food shortage in past 12 months	4%	10%	5%	0%	0%	0%

Source: Phase II Monitoring Survey in December, 2017

The table (5-18) shows food shortage of PAPs living at relocation site (A) from Zone A during the four consecutive periods of external monitoring surveys. Of external monitoring surveys, there were 36% of PAPs with food shortage at 2nd EMS. Households living with food shortage has reduced since 3rd EMS.

Table 5-18 Food Shortage of PAPs at RS (Zone A)

SN	Description	1st EMS (Dec 2014)	2nd EMS (Sep 2015)	3rd EMS (Jul 2016)	4th EMS (Dec 2017)
1	No. of HH had food shortage in past 12 months	3	14	1	1
2	% of HH had food shortage in past 12 months	8%	36%	3%	4%

Source: Phase II Monitoring Survey in December, 2017

5.9 Ownership of Moveable Assets

The table (5-19) shows that different types of moveable assets owned by PAPs from Zone A and B. There are three types of moveable assets. Electric fan, fridge, inverter, small generator and TV are included in moveable asset type 1. Bicycle, motorbike, gondow (handy tractor) and tractor belong to moveable asset type 2. Phone, water pump, sewing machine, solar, battery, radio and washing machine are in moveable asset type 3.

The majority of moveable asset types for all different categories of PAPs are TV, motorbike and phone. It is found that PAPs economically displaced only (C) are the least users for any moveable asset types while PAPs sold/rented out at relocation site (C) are the highest users for every moveable asset types.

Table 5-19 Ownership of Moveable Assets by PAPs

SN	Description	Phase I Zone A	Phase II/ Zone B		
		PAPs at RS (A=26 HHs)	PAPs		
			PAPs at RS (A=39 HHs)	PAPs sold/rented out at RS (B=42 HHs)	Eco. Displaced Only (C=5 HHs)
1	Moveable Assets Type 1				
	1) Electric Fan	19	19	28	4
	2) Fridge	10	8	15	4
	3) Inverter	2	4	10	3
	4) Small generator	1	4	12	1
	5) TV	25	31	38	4
2	Moveable Assets Type 2				
	1) Bicycle	8	12	15	2
	2) Motorbike	16	27	36	3
	3) Gondow (Handy tractor)	-	-	-	-
	4) Tractor	-	1	-	-
3	Moveable Assets Type 3				
	1) Phone	23	33	37	5
	2) Water pump	5	3	13	3
	3) Sewing Machine	2	4	6	1
	4) Solar	-	-	3	-
	5) Battery	-	3	3	-
	6) Radio	-	1	-	-
	7) Washing Machine	1	2	1	-

Source: Phase II Monitoring Survey in December, 2017

5.10 Housing and Infrastructure

The table (5-20) shows the conditions of household ownership, toilet types, water standing, electricity, safety and security, water resources and drinking water of PAPs from Zone A/B and non-PAPs.

In terms of household ownership of respondents, all PAPs from Zone A and B owned their houses except PAPs sold/rented out at RS (B) from Zone B.

In terms of toilet types used by respondents, majority of PAPs and Non-PAPs use improved latrine/septic tanks.

In terms of water standing around houses in the raining season, 80% of Host community (D) experienced water standing around houses, followed by 38% of PAPs living at relocation site (A) from Zone A and 27% of New owners/renters. 7% to 20% of PAPs households from Zone B have water standing around houses.

In terms electricity, 100% of PAPs living at relocation site (A) from Zone A and B have electricity. Around 80% of PAPs sold/rented out at relocation site (B) and PAPs

economically displaced only (C) are accessible electricity. There are 90% of household with electricity in Host community (D).

In terms of safety and security, over 90% of PAPs and Non-PAPs feel safety and security except PAPs living at relocation site (A) from Zone A.

In terms of water resources, 88% of PAPs living at relocation site (A) from Zone A bought water from relocation site. 59% of PAPs living at relocation site (A) from Zone B used collective well from relocation site. Majority of PAPs sold/rented out at relocation site (B), PAPs economically displaced only (C) and Host community (D) used private well. Collective well at relocation site is the major water source for New owners/renters.

In terms of preparation pattern for drinking water, Majority of PAPs from Zone A and B filter water before drinking. 75% of Host community (D) drink water directly without boiling and filtering.

Table 5-20 Environmental conditions

S N	Description	Phase I /Zone A		Phase II/ Zone B			
				PAPs		Non PAPs	
		PAPs at RS (A=26 HHs)	PAPs at RS (A=39 HHs)	PAPs sold/rente d out at RS (B=42 HHs)	Eco. Displace d Only (C=5 HHs)	Host Comm. (D=20 HHs)	New Owner/ Renter (E=30 HHs)
1	Household ownership of respondents						
	Own house	26 (100%)	39 (100%)	34 (80%)	5 (100%)	20 (100%)	0%
	Don't own	0%	0%	4 (10%)	0%	0%	0%
	Rented house	0%	0%	4 (10%)	0%	0%	30 (100%)
2	Type of toilet used by respondents						
	Improved latrine/septic tank	26 (100%)	39 (100%)	40 (95%)	4 (80%)	20 (100%)	30 (100%)
	Traditional latrine	0%	0%	2 (5%)	0%	0%	0%
	No toilet / open	0%	0%	0%	1 (20%)	0%	0%
3	# of HH with water standing around house	10 (38%)	6 (15%)	3 (7%)	1 (20%)	16 (80%)	8 (27%)
4	# of HH with electricity	26 (100%)	39 (100%)	34 (81%)	4 (80%)	18 (90%)	28 (93%)
5	# of HH feels safe and secure	23 (88%)	37 (95%)	41 (98%)	5 (100%)	20 (100%)	27 (90%)
6	Water sources						
	Private well	2 (8%)	6 (15%)	23 (55%)	3 (60%)	14 (70%)	1 (3%)
	Collective well at relocation site	1 (4%)	23 (59%)	0%	0%	1 (5%)	19 (63%)
	Collective well	0%	2 (5%)	1 (2%)	0%	0%	1 (3%)

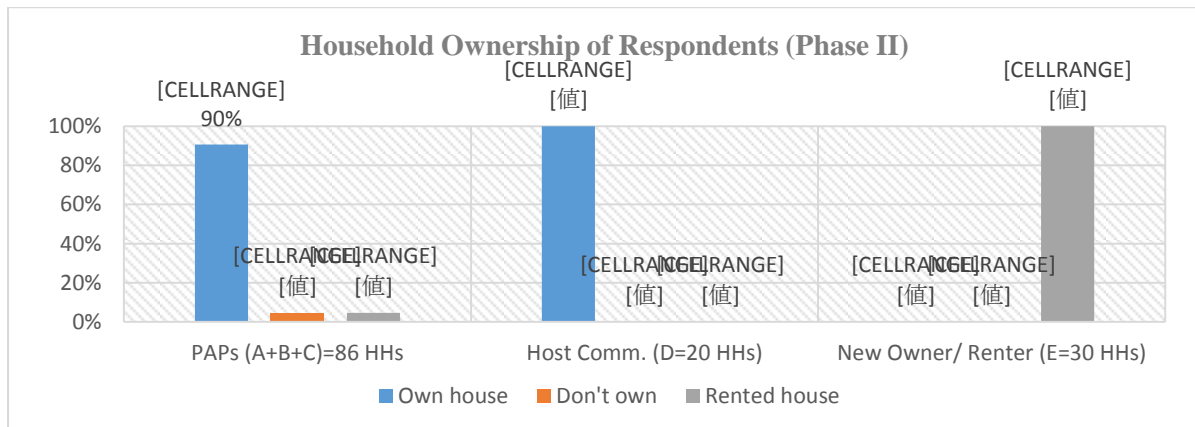
	outside relocation site						
	Buying from relocation site	23 (88%)	6 (15%)	0%	0%	0%	9 (30%)
	Buying outside relocation site	0%	2 (5%)	17 (40%)	2 (40%)	5 (25%)	0%
	Other	0%	0%	1 (2%)	0%	0%	0%
7	Preparation pattern for drinking water						
	Drink directly	3 (12%)	4 (10%)	8 (19%)	2 (40%)	15 (75%)	11 (37%)
	Boil before drinking	5 (19%)	9 (23%)	10 (24%)	1 (20%)	4 (20%)	4 (13%)
	Filter before drinking	18 (69%)	26 (67%)	24 (57%)	2 (40%)	1 (5%)	15 (50%)

Source: Phase II Monitoring Survey in December, 2017

5.11 Household Ownership

All of the Host Community (D), all of the PAPs living at the RS (A) and all of the Economically Displaced PAPs (C) report that they own their house (Figure 5.2 and Figure 5.3). A total of 10% of PAPs do not own their houses as they rent, live together with relatives or live in government housing if they are government staff.

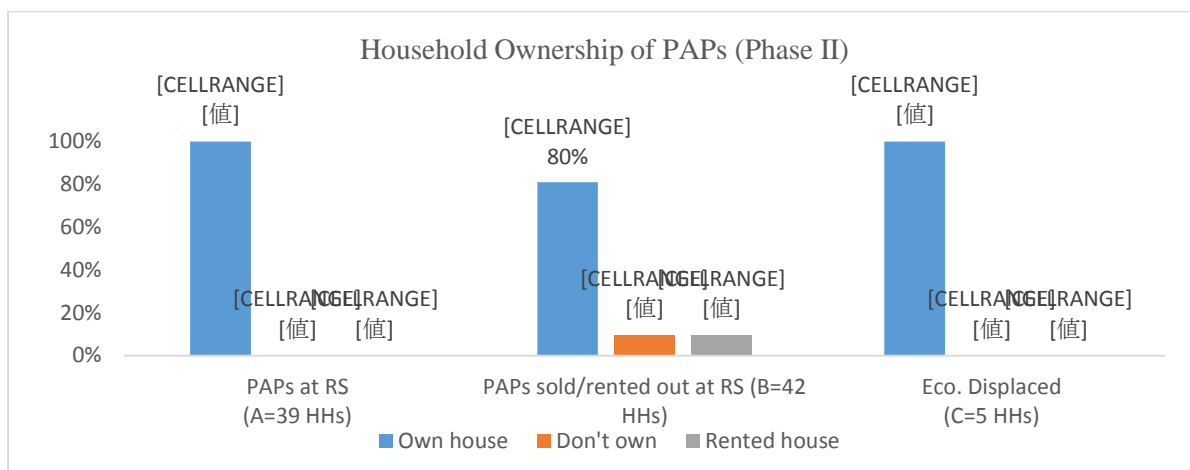
Figure 5-2 Household Ownership of Respondents (Phase II)



Source: Phase II Monitoring Survey in December, 2017

Around 81% of those who sold/rented a house at the RS (B) report that they own their house now. This is because some have sold their houses at the RS and now live in rented houses or with relatives.

Figure 5-3 Household Ownership of PAPs (Phase II)



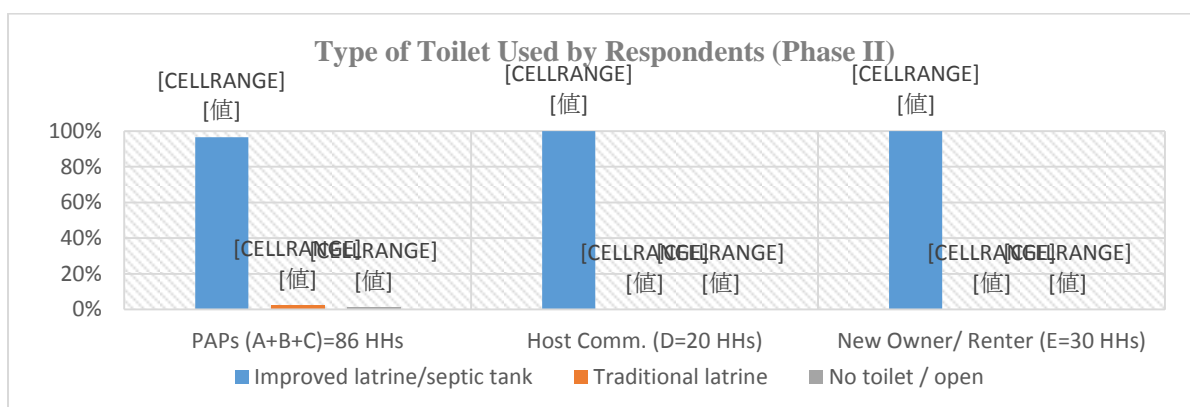
Source: Phase II Monitoring Survey in December, 2017

5.12 Sanitation Facilities

Almost all of the respondents are using improved latrines/septic tank systems for their sanitation facilities. All Renters used improved latrines as they live in the RS where improved latrines are available. All host community households used improved latrines/septic tank systems. Some households of PAPs who have sold/rented out their house at the RS (B) use a traditional latrine. This depends on the facilities available in the location where they live. Only one respondent of PAPs that were economically displaced only (C) has no toilet.

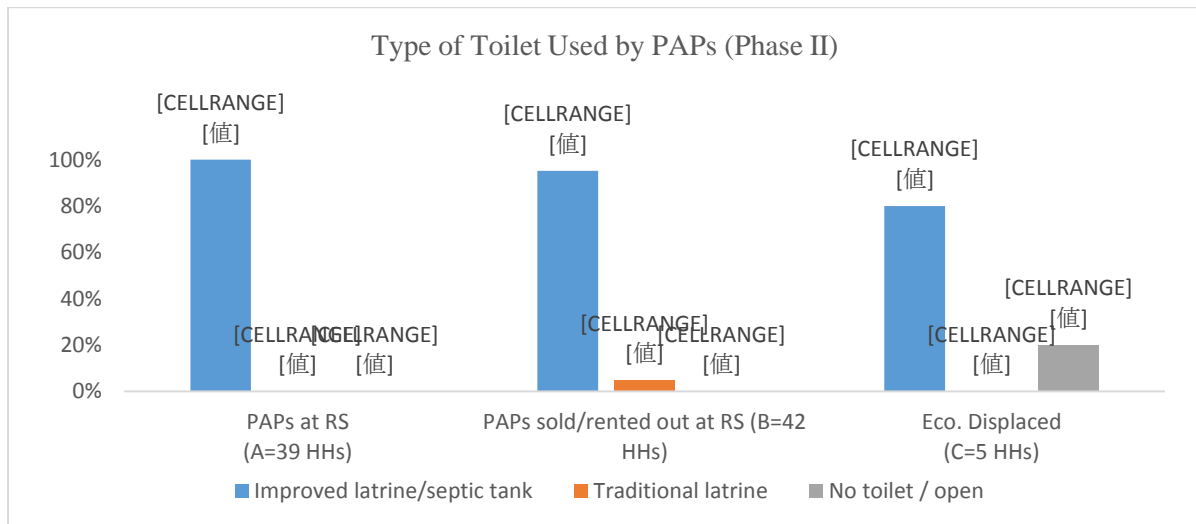
Among the PAPs, all of those living at the RS (A) used improved latrine/septic tanks, compared with 95% for those PAPs who sold/rented a house at the RS (B) and 80% of PAPs that were Economically Displaced (C) but not relocated (Figure 5.5).

Figure 5-4 Type of Toilet Used by Respondents (Phase II)



Source: Phase II Monitoring Survey in December, 2017

Figure 5-5 Type of Toilet Used by PAPs (Phase II)

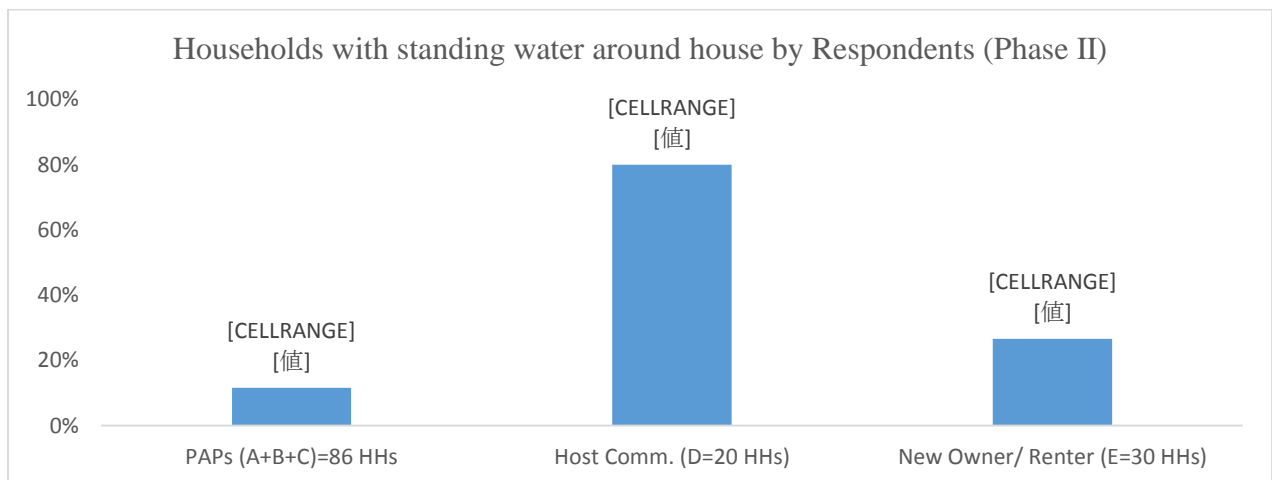


Source: Phase II Monitoring Survey in December, 2017

5.13 Standing Water around House/Yard

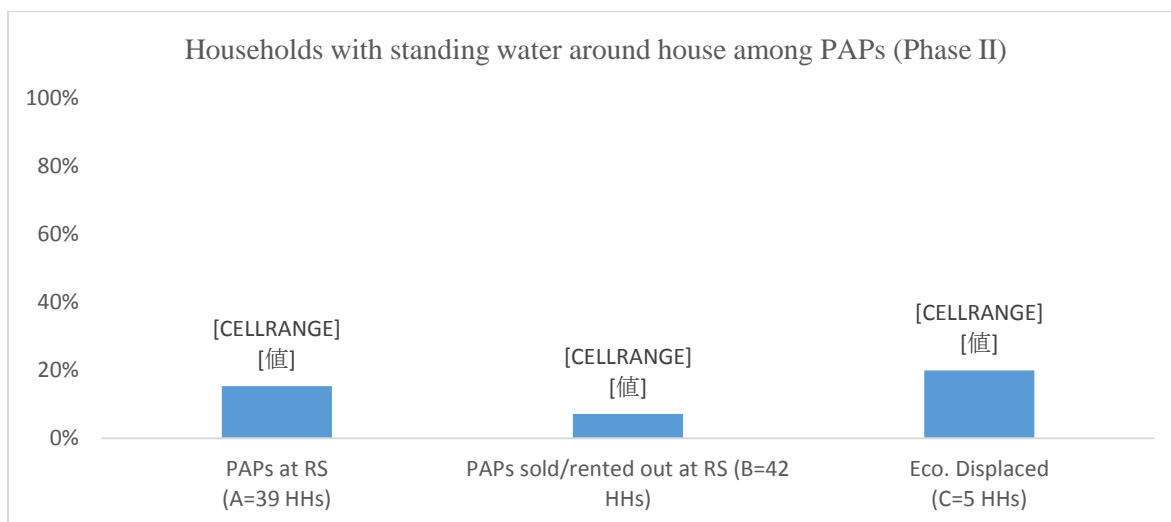
A total of 80% of the host community and 27% of the renters/new owners have the problem with standing water/ flooding around their house (in their yards) after rain, while only 12% of PAPs have the problem (Figure 5.6). 15% of PAPs at the RS, 7% of PAPs who sold/rented at the RS (B) and 20% of PAPs economically displaced (C) have the problem of standing water/flooding around their house (Figure 5.7).

Figure 5-6 Household with Standing Water around House by respondents (Phase II)



Source: Phase II Monitoring Survey in December, 2017

Figure 5-7 Household with Standing Water around House among PAPs (Phase II)

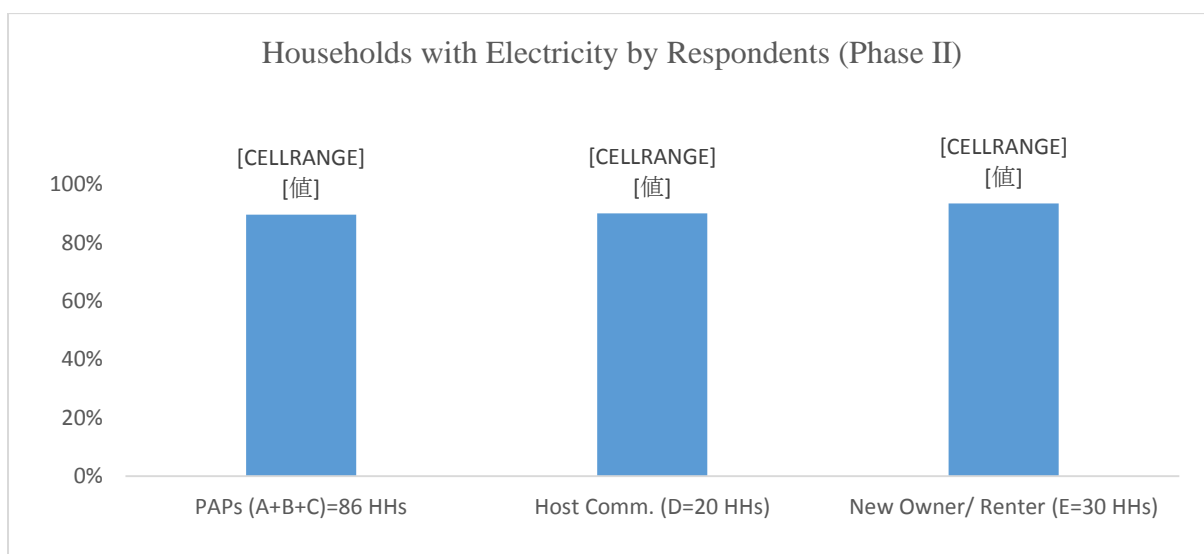


Source: Phase II Monitoring Survey in December, 2017

5.14 Availability of Electricity

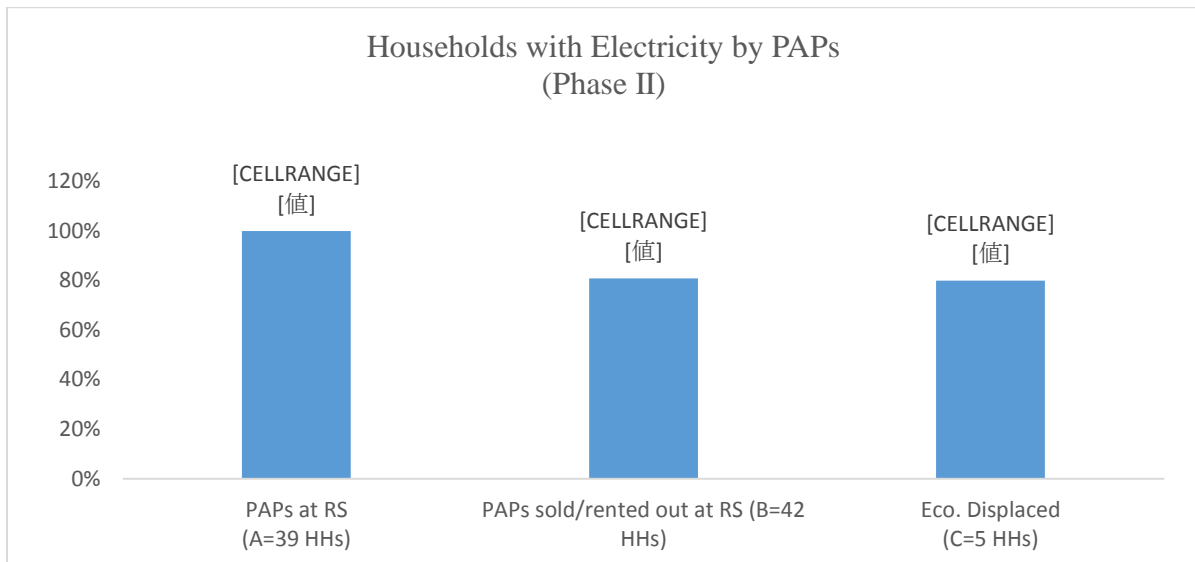
A total of 90% of the host community (D) and 93% of renters/new owners have access to electricity (Figure 5.8). All the PAPs at the RS (A) are supplied with electricity. A total of 81% of PAPs who sold/rented their house at the RS (B) and 80% of PAPs economically displaced (C) have access to electricity as some of them live in rural and semi-urban areas where there are shortages of electricity supply (they use candles and battery powered devices for energy and lighting).

Figure 5-8 Household with Electricity by Respondents (Phase II)



Source: Phase II Monitoring Survey in December, 2017

Figure 5-9 Household with Electricity among PAPs (Phase II)

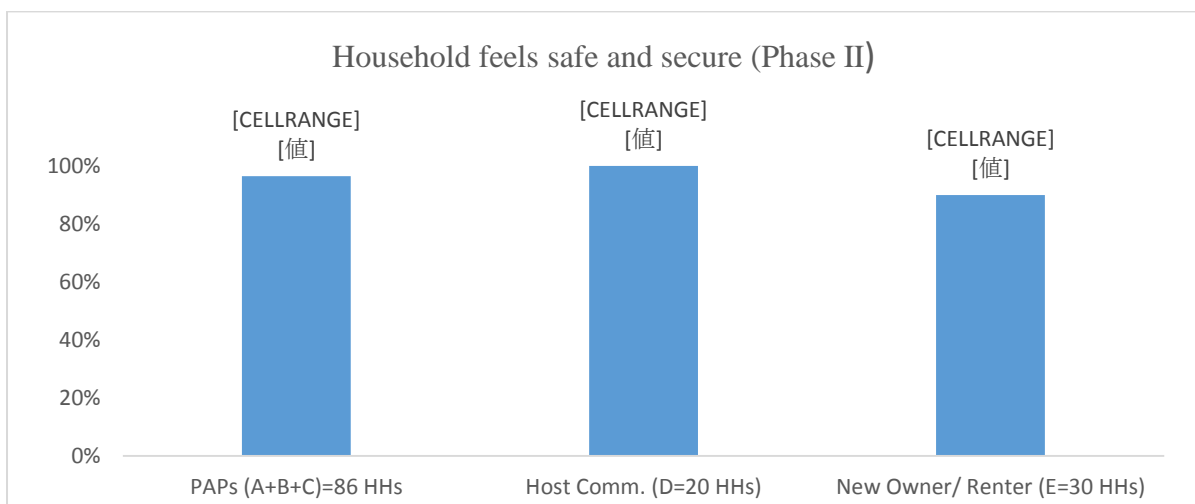


Source: Phase II Monitoring Survey in December, 2017

5.15 Sense of Security and Safety at Current House

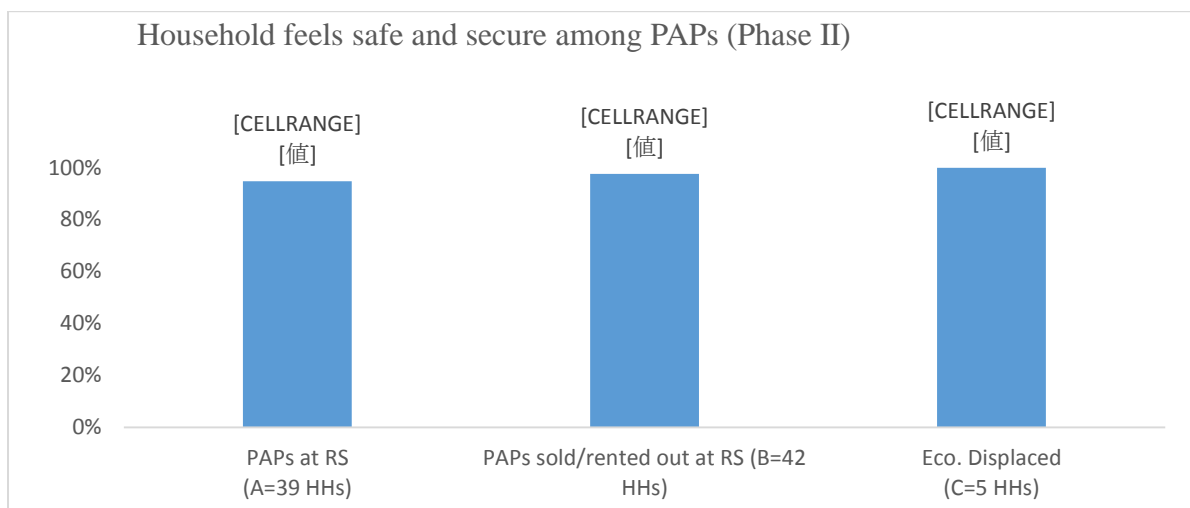
The figures show that almost all respondents feel safe and secure at their current houses. All the host community, 97% of PAPs and 90% of renters/new owners feel safe/secure at their current houses (Figure 5.10). 95% of PAPs at the RS (A), 98% of PAPs who sold/rented at the RS (B) and all PAPs of economically displaced (C) feels safe/secure at their current houses (Figure 5.11).

Figure 5-10 Households feel safe and secure among respondents (Phase II)



Source: Phase II Monitoring Survey in December, 2017

Figure 5-11 Households feel safe and secure among PAPs (Phase II)



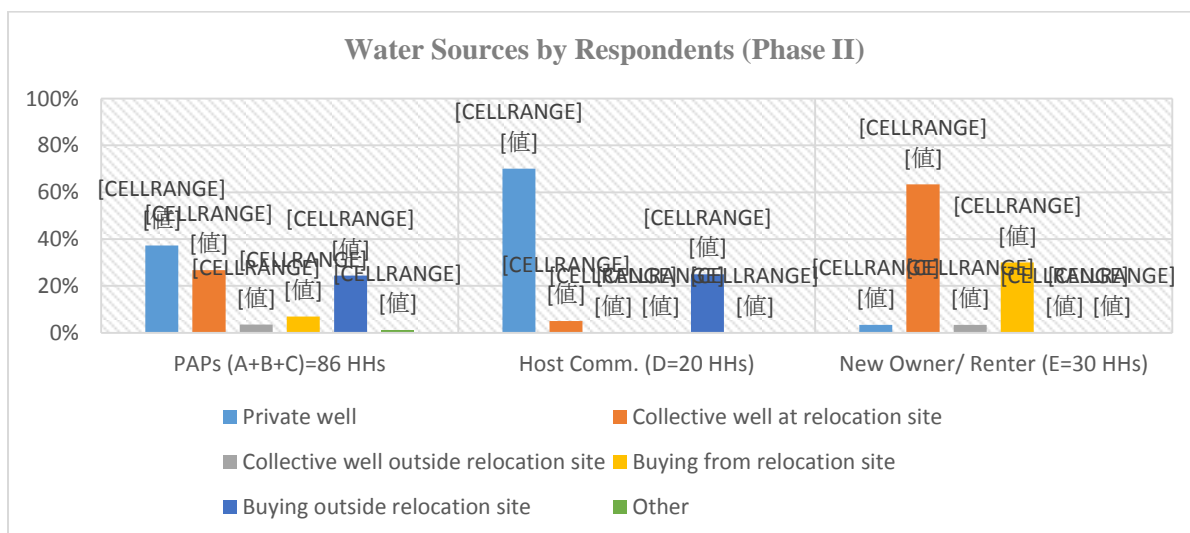
Source: Phase II Monitoring Survey in December, 2017

5.16 Sources of Water

Most respondents use water for cooking and drinking from private well, collective wells and buying outside the RS (Figure 5.12). Around 70% of the Host Community (D) use private wells at their house/compound and 25% buy outside the RS. About 5% of the Host Community use water from the collective wells at the RS. 63% of Renters/New Owners at the RS use collective wells at the RS and 30% buy the water inside the RS.

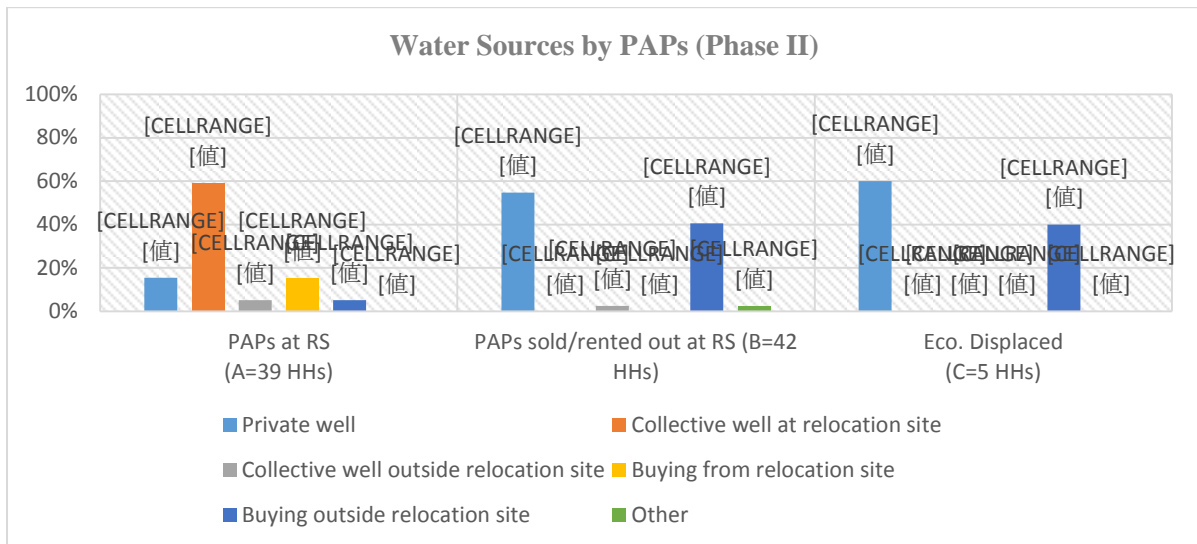
Amongst all PAPs, 59% of PAPs at RS (A) use collective wells, 15% use private wells at the RS and 15% buy water inside the RS (Figure 5.13). A total of 10% of PAPs at RS (A) use water from outside the RS by buying and from the collective wells. Around 55% of PAPs who sold/rented at the RS (B) use private wells and 40% buy outside the RS.

Figure 5-12 Water Sources by Respondents (Phase II)



Source: Phase II Monitoring Survey in December, 2017

Figure 5-13 Water Sources by PAPs (Phase II)



Source: Phase II Monitoring Survey in December, 2017

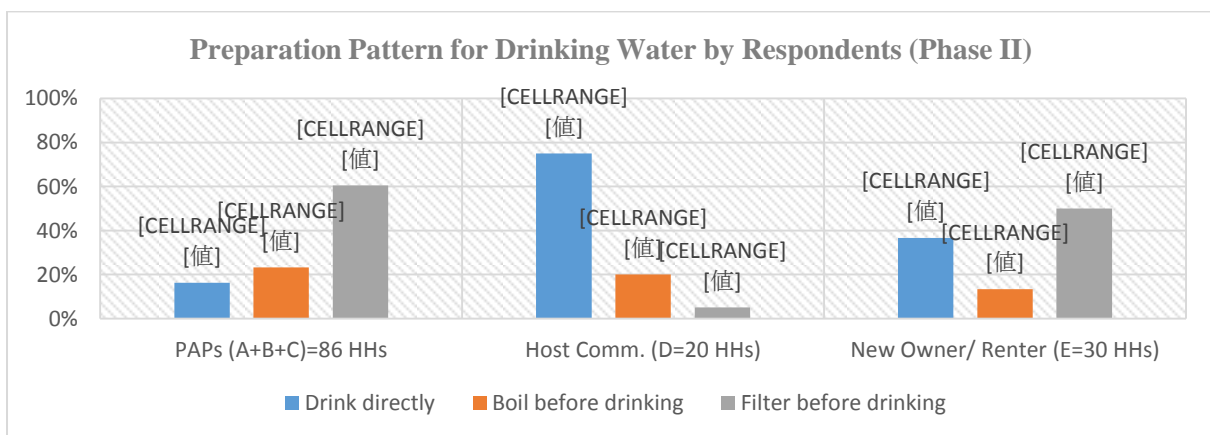
5.17 Preparation Patterns for Drinking Water

A total of 75% of the host community (D) drink directly and only 5% filter their water before drinking. Amongst all PAPs (A-C), 60% filter their water, 23% boil it before drinking and the rest 16% drink it directly. Around 50% of renters/new owners at the RS (E) filter their water, 13% boil it before drinking and the rest 37% drink it directly (Figure 5.14).

A total of 67% of PAPs at the RS (A) filter their water and 23% boil it before drinking, while the rest drink it directly. A total of 79% of PAPs who sold/rented a house at the RS (B) filter their water and 14% boil it before drinking, while the rest drink it directly. 40% of economically displaced PAPs (C) filter their water and only 20% boil it before drinking.

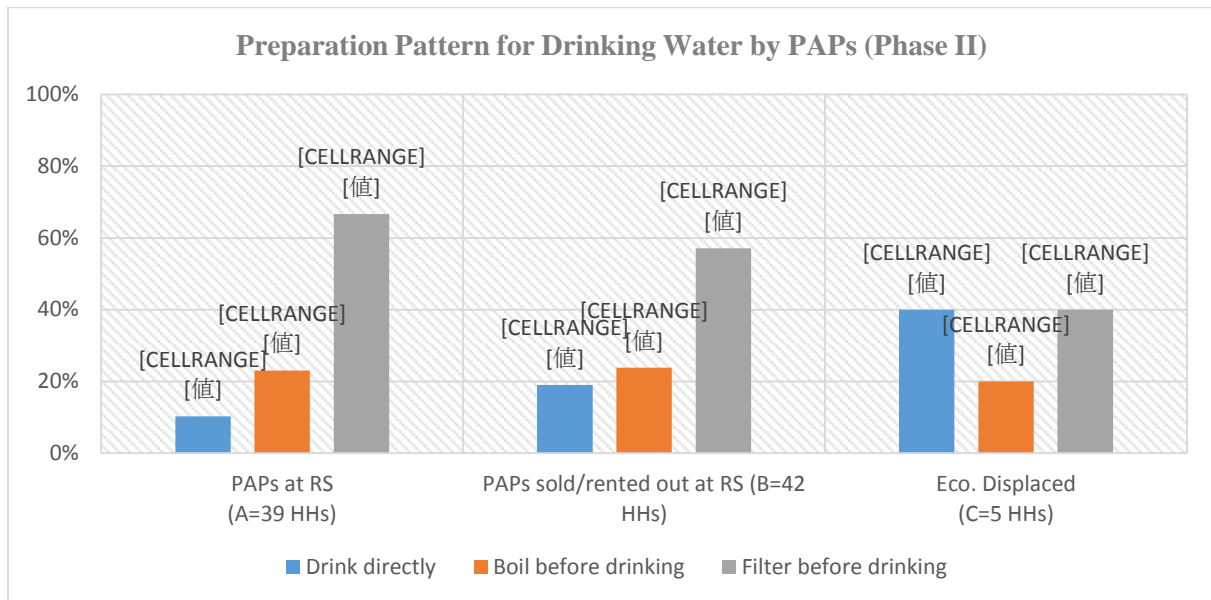
It is observed that most of the PAPs are used to filtering or boiling their water and very few people drink it directly. The PAPs at the RS (A) seem to be the most conscientious of their health with two thirds filtering water and one fourth boiling it before drinking.

Figure 5-14 Preparation of Patterns for Drinking Water by Respondents (Phase II)



Source: Phase II Monitoring Survey in December, 2017

Figure 5-15 Preparation Pattern for Drinking Water by PAPs (Phase II)



Source: Phase II Monitoring Survey in December, 2017

5.18 Perception of Living Conditions and Infrastructure at the Relocation Site

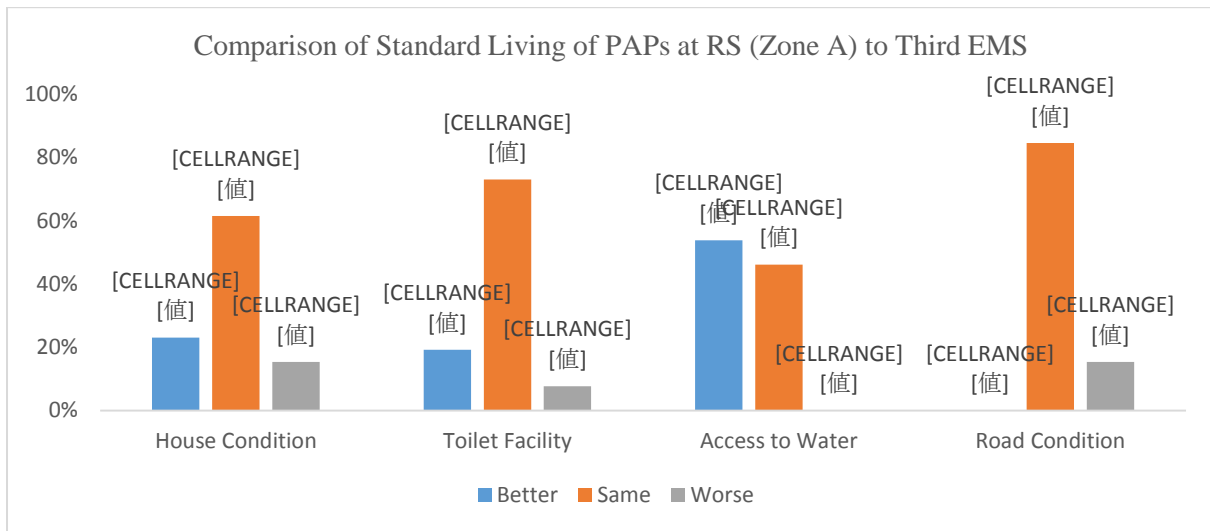
The RS residents were asked to describe their perception of housing, electricity, fly proof toilet, water availability, drainage, road condition and several other topics compared with the periods of External Monitoring Surveys.

The PAPs at the RS (A), as the fourth EMS for Zone A, have the positive perception of the water availability compared to 3rd EMS. A total of 54% of PAPs at the RS (A) report that they have better access to water, 46% feel the same unchanged the water availability compared to 3rd EMS and there is no negative perception at all.

A total of 85% of PAPs at the RS (A) report that road condition remains unchanged compared to the period of third EMS and 15% answered that road condition became worse compared to previous EMS (third EMS).

Majority of the PAPs at the RS respond that the house condition and toilet facility remain the same situation compared to 3rd EMS. Although around 20% of PAPs at the RS (A) perceived that there are some improvements for the house condition and toilet facility compared to previous EMS (3rd EMS), 15% of PAPs at the RS (A) mentions that house condition became worse and 8% of PAPs at the RS (A) mention that toilet facility became worse at the fourth EMS.

Figure 5-16 Comparison of Standard Living of PAPs at RS (Zone A) to Third EMS



Source: Phase II Monitoring Survey in December, 2017

The table shows that Attendance at school, Dropout rates and Access to education facilities. 77% of PAPs living at relocation site (A) from Zone A have school children, followed by 67% of PAPs living at relocation site (A) from Zone B and 65% of Host Community (D). The least school children of PAPs economically displaced only (C) and New renters/ owners at relocation site (E) are 20% and 27% respectively. There were no children above 5 years who don't attend school in PAPs economically displaced only (C), Host Community (D) and New renters/owners (E). Drop out rate of children was found in Host community (D) 31%, PAPs living at relocation site (A) from Zone B 15% and PAPs living at relocation site (A) from Zone A 5%. 100% of PAPs living at relocation site (A) from Zone A and New renters/ owners (E) had satisfaction upon their children's school. Over 60% of PAPs living at relocation site (A) from Zone B and Host community (D) reported that they were satisfied with their children's school.

Table 5-21 Attendance at School, Drop Out Rates and Access to Education Facilities

S N	Description	Phase I /Zone A	Phase II / Zone B				
			PAPs			Non PAPs	
		PAPs at RS (A=26 HHs)	PAPs sold/ren ted out at RS (B=42 HHs)	Eco. Displa ced Only (C=5 HHs)	Host Com m. (D=2 0 HHs)	New Owner/ Renter (E=30 HHs)	
1	# of HH with school children	20	26	23	1	13	8
	% of HH with school children	77%	67%	55%	20%	65%	27%
2	# of HHs with children above 5 years who don't attend school	1	4	1	-	-	-
	% of HHs with children above 5 years who don't attend school	5%	15%	4%	0%	0%	0%
3	# of HHs with children dropped out of School	1	4	-	-	4	-

	% of HHs with children dropped out of School	5%	15%	0%	0%	31%	0%
4	# of HHs satisfied with School	20	16	-	-	9	8
	% of HHs satisfied with School	100%	62%	0%	0%	69%	100%

Source: Phase II Monitoring Survey in December, 2017

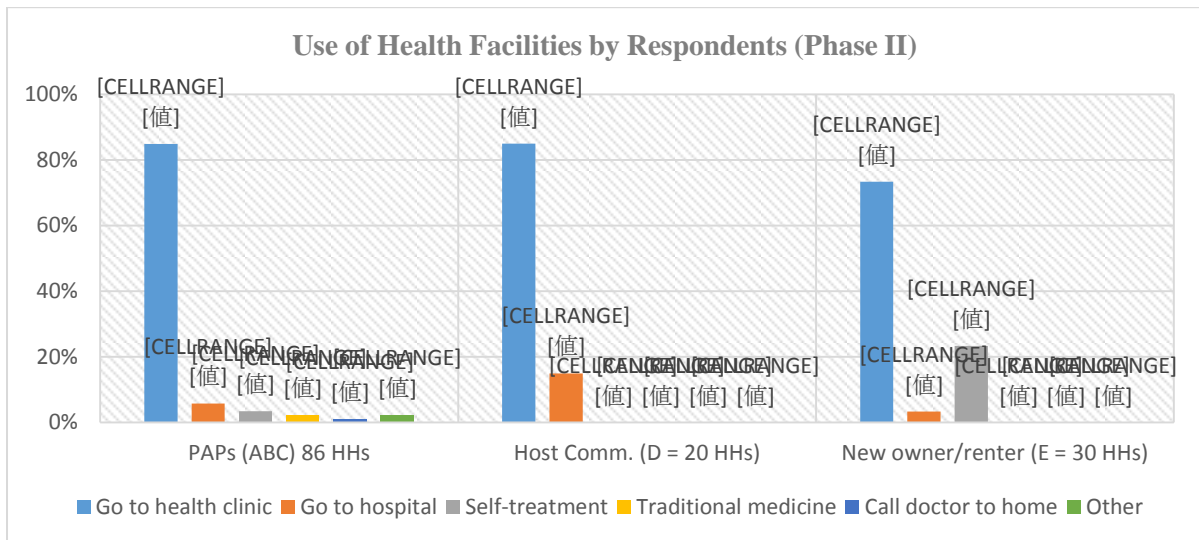
The table illustrates responses on illness and serious illness rate reported by respondents. When PAPs and Non-PAPs feel ill, over 60% of respondents go and consult with a doctor at health clinic. 19% of PAPs living at relocation site (A) from Zone A and 3% of PAPs living at relocation site (A) from Zone B called a doctor to home. Some proportion of PAPs economically displaced only (C) and New owners/renters (E) were taken self-treatment. 58% of PAPs living at relocation site (A) from Zone A suffered serious illness in past 12 months, followed by PAPs living at relocation site (A) from Zone B (41%) and PAPs economically displaced only (C) (40%). There were 15% of Host community (D) and 17% of New owners/renters at relocation site affected serious illness 12 months ago.

Table 5-22 Response on illness and serious illness rate

S N	Description	Phase I / Zone A	Phase II / Zone B				
		PAPs at RS (A=26 HHs)	PAPs			Non PAPs	
			PAPs at RS (A=39 HHs)	PAPs sold/ren ted out at RS (B=42 HHs)	Eco. Displa ced Only (C=5 HHs)	Host Comm. (D=20 HHs)	New Owner/ Renter (E=30 HHs)
1	# of HH responded on illness						
	Go to health clinic	16	33	37	3	17	22
	Go to hospital	-	1	3	1	3	1
	Self-treatment	2	1	1	1	-	7
	Traditional medicine	-	1	1	-	-	-
	Call doctor to home	5	1	-	-	-	-
	Other	3	2	-	-	-	-
2	% of HH responded on illness						
	Go to health clinic	62%	85%	88%	60%	85%	73%
	Go to hospital	0%	3%	7%	20%	15%	3%
	Self-treatment	8%	3%	2%	20%	0%	23%
	Traditional medicine	0%	3%	2%	0%	0%	0%
	Call doctor to home	19%	3%	0%	0%	0%	0%
	Other	12%	5%	0%	0%	0%	0%
3	# of HH with member affected serious illness in past 12 months	15	16	13	2	3	5
4	% of HH with member affected serious illness in past 12 months	58%	41%	31%	40%	15%	17%

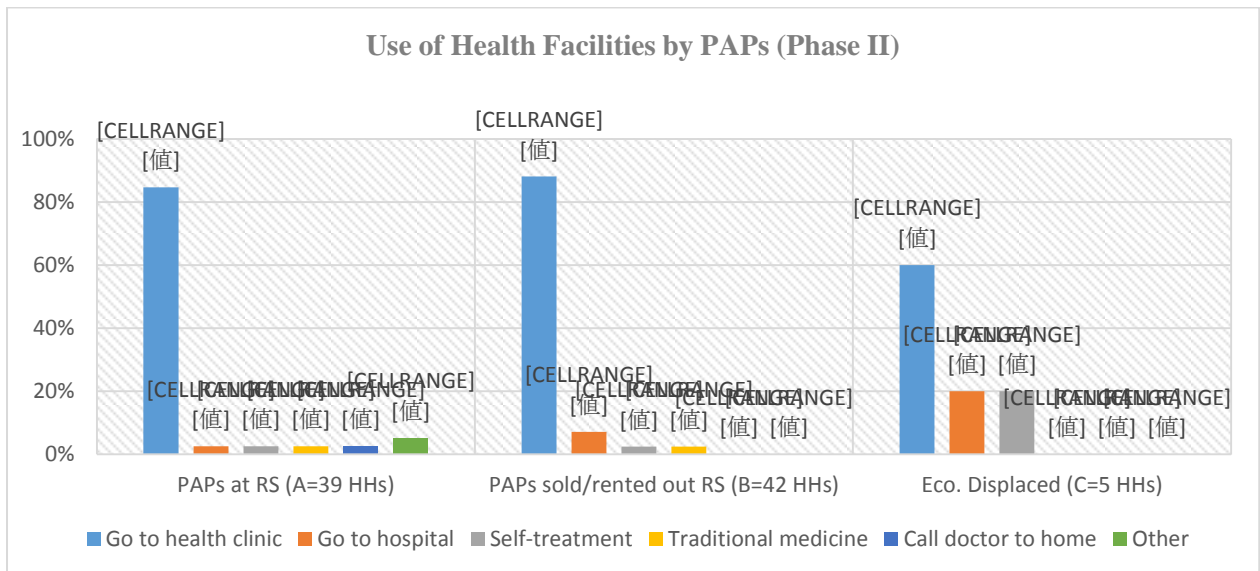
Source: Phase II Monitoring Survey in December, 2017

Figure 5-17 Use of Health Facilities by Respondents (Phase II)



Source: Phase II Monitoring Survey in December, 2017

Figure 5-18 Use of Health Facilities by PAPs (Phase II)



Source: Phase II Monitoring Survey in December, 2017

Table 5-23 reveals the current environmental conditions reported by respondent categories (A-E) for Phase II and category A for Phase I. Noise problems mentioned by all respondent categories are quarrelling, loud sound from music box and drunkard. The percentages of PAPs at the RS (A) who reported noise problems are 12% at Phase I and 13% at Phase II, respectively. PAPs sold/rented out RS, PAPs economically displaced only and host community (D) have no noise problem while 20% of the new owners/renters reported the noise problems.

77% of PAPs at RS (A) at Zone A faced bad smell near their houses. 55% reported that bad smell came from the toilet, 25% from neighbor livestock, and 10% from drainage system. 7 PAPs at RS (A) at Zone B reported that they faced bad smell from toilet. Only 2

economically displaced households and 2 new owners/renters mentioned bad smell from neighbor livestock and rubbish bin.

97% of PAPs at RS (A) and the new owners/renters at Zone B disposed their garbage at the designated waste area and a total of 97% of PAPs at RS (A) at Zone A disposed their garbage with the garbage truck (12%) and to the designated waste area (85%). It is found that most of PAPs sold/rented a house at RS (B), PAPs economically displaced only (C) and Host community (D) burnt their solid waste in the summer as there is no separated dumping place for them, with the percentages of 60%, 80% and 50% respectively.

Table 5-23 Current Environmental Condition

S N	Description	Phase I / Zone A	Phase II/ Zone B				
		PAPs at RS (A=26 HHs)	PAPs			Non PAPs	
			PAPs at RS (A=39 HHs)	PAPs sold/ren ted out at RS (B=42 HHs)	Eco. Displace d Only (C=5 HHs)	Host Comm. (D=20 HHs)	New Owner/ Renter (E=30 HHs)
1	# of HH with noise problem	3	5	-	-	-	6
	% of HH with noise problem	12%	13%	0%	0%	0%	20%
2	Noise problem by type						
	Noise from quarrelling	0%	2 (40%)	0%	0%	0%	0%
	Noise from sound box	2 (67%)	3 (60%)	0%	0%	0%	4 (67%)
	Noise from drinkers	1 (33%)	0%	0%	0%	0%	0%
	Not mentioned	0%	0%	0%	0%	0%	2 (33%)
3	# of HH with bad smell near house	20	7	-	2	-	2
	% of HH with bad smell near house	77%	18%	0%	40%	0%	7%
4	Bad smell from where						
	from toilet	11 (55%)	7 (100%)	0%	0%	0%	0%
	due to neighbor livestock	5 (25%)	0%	0%	2 (100%)	0%	0%
	rubbish bin	0%	0%	0%	0%	0%	2 (100%)
	from drainage system and toilet	2 (10%)	0%	0%	0%	0%	0%
	from drainage system	2 (10%)	0%	0%	0%	0%	0%
5	Disposal places for solid wastes						
	Garbage truck	3 (12%)	0%	0%	0%	0%	0%
	designated waste area	22 (85%)	38 (97%)	11 (26%)	1 (20%)	5 (25%)	29 (97%)
	digging	0%	0%	0%	0%	1 (5%)	0%
	burning	0%	0%	25 (60%)	4 (80%)	10 (50%)	0%

	behind house	0%	0%	1 (25%)	0%	0%	0%
	to the stream	0%	0%	1 (2%)	0%	1 (5%)	0%
	away from home	0%	1 (3%)	4 (10%)	0%	2 (10%)	0%
	Don't know yet	0%	0%	0%	0%	0%	1 (3%)
	Not answered	1 (4%)	0%	0%	0%	1 (5%)	0%

Source: Phase II Monitoring Survey in December, 2017

The table (5-24) shows the participation of PAPs from Zone A and B in vocational training. Based on the interest of PAPs, a different varieties of trainings were provided respective PAPs and their household members. They are electrical training, music training, driving training, sewing training, food processing training, mushroom planting training, agriculture training, construction training, workshop training and hair dressing training. 62% of household members from PAPs living at relocation site (A) from Zone A attended vocational training. 8% of household members attended vocational training were found only in PAPs living at relocation site (A) from Zone B. 23% of PAPs living at relocation site (A) from Zone A reported that the trainings they received are helpful in finding a job. The reasons why these trainings did not help to find a job vary. Majority of PAPs living at relocation site (A) from Zone A mentioned that they did not complete the course. The other reasons responded by PAPs living at the relocation site (A) from Zone A are due to lack of appropriate jobs related with the training attended, still learning, family matters, lack of manpower to start a business and lack of driving license. Almost half of PAPs living at relocation site in Zone A and B and PAPs sold/rented out at relocation site reported that they are interested in further vocational trainings. It is found that 20% of PAPs economically displaced only (C) have interest in further vocational trainings.

Table 5-24 Participation in Vocational Training as part of IRP

S N	Description	Phase I / Zone A	Phase II/ Zone B		
		PAPs at RS (A=26 HHs)	PAPs		
			PAPs at RS (A=39 HHs)	PAPs sold/rente d out at RS (B=42 HHs)	Eco. Displaced Only (C=5 HHs)
1	# of HH with HH member attending vocational training	16	3	-	-
	% of HH with HH member attending vocational training	62%	8%	0%	0%
2	Type of training				
	Electrical training	2 (13%)	-	-	-
	Electrical training/ singing and playing instrument training	1 (6%)	-	-	-
	Driving training	3 (19%)	-	-	-
	Sewing Training	3 (19%)	3	-	-

	food processing	2 (13%)	-	-	-
	Driving, sewing and mushroom Planting training	1 (6%)	-	-	-
	agriculture	1 (6%)	-	-	-
	construction training	1 (6%)	-	-	-
	workshop training and hair dressing	1 (6%)	-	-	-
	Not answered	1 (6%)	-	-	-
3	# of HH reported that training helped to find job	6	1	-	-
	% of HH reported that training helped to find job	23%	3%	0%	0%
4	Reasons that training did not help to find a job (or) improve income				
	did not complete the course	6 (55%)	1 (50%)	-	-
	no job related with the training attended	1 (9%)	-	-	-
	still learning	1 (9%)	1 (50%)	-	-
	due to family matter	1 (9%)	-	-	-
	not enough person to start a business	1 (9%)	-	-	-
	cannot get driving license due to illiteracy	1 (9%)	-	-	-
5	# of HHs interested in further Vocational Trainings	11	23	23	1
	% of HHs interested in further Vocational Trainings	42%	59%	55%	20%

Source: Phase II Monitoring Survey in December, 2017

The table (5-25 and -526) shows community communication and social activities done by respondent. Almost 100% of PAPs living at relocation site (A) from Zone A and B answered that social groups exist in their community while 50% of New owners/renters (E) who are also living at relocation site responded that social groups exist in their community. PAPs and Non-PAPs mainly received government information and social activities information through 100 households head/10 households head and village administrators.

Table 5-25 Community Communications and Social Activities in HH Number

SN	Description	Phase II/ Zone B					
		Phase I / Zone A	PAPs			Non PAPs	
		PAPs at RS (A=26 HHs)	PAPs at RS (A=39 HHs)	PAPs sold/rented out at RS (B=42 HHs)	Eco. Displaced Only (C=5 HHs)	Host Comm. (D=20 HHs)	New Owner/ Renter (E=30 HHs)
1	HHs with social group existing in community	26	38	37	5	15	15
2	HHs with no social group yet formed in community	-	1	5	-	5	15
3	Government Information shared by sources						
	1) 100 HHs / 10 HHs	17	37	35	4	19	17
	2) Village Administrator	6	5	4	1	7	5
	3) Other Governmental Official	-	3	-	-	-	1

	4) Monk	-	-	1	-	-	-
	5) Other	4	1	2	-	1	11
	6) No one	-	-	1	-	-	1
5	Social Activities Information shared by sources						
	1) 100 HHs / 10 HHs	17	31	33	4	11	14
	2) Village Administrator	4	1	4	1	-	-
	3) CSOs	-	1	-	-	-	-
	4) Monk	-	-	-	-	1	-
	5) Other	5	5	3	-	6	10
	6) No one	-	-	1	-	-	6

Source: Phase II Monitoring Survey in December, 2017

Table 5-26 Community Communications and Social Activities by percentage

SN	Description	Phase I /Zone A		Phase II/ Zone B			
		PAPs at RS (A=26 HHs)	PAPs at RS (A=39 HHs)	PAPs		Non PAPs	
				PAPs sold/rented out at RS (B=42 HHs)	Eco. Displaced Only (C=5 HHs)	Host Comm. (D=20 HHs)	New Owner/ Renter (E=30 HHs)
1	HHs with social group existing in community	100%	97%	88%	100%	75%	50%
2	HHs with no social group yet formed in community	0%	3%	12%	0%	25%	50%
3	Government Information shared by sources						
	1) 100 HHs / 10 HHs	65%	95%	83%	80%	95%	57%
	2) Village Administrator	23%	13%	10%	20%	35%	17%
	3) Other Governmental Official	0%	8%	0%	0%	0%	3%
	4) Monk	0%	0%	2%	0%	0%	0%
	5) Other	15%	3%	5%	0%	5%	37%
	6) No one	0%	0%	2%	0%	0%	3%
5	Social Activities Information shared by sources						
	1) 100 HHs / 10 HHs	65%	79%	79%	80%	55%	47%
	2) Village Administrator	15%	3%	10%	20%	0%	0%
	3) CSOs	0%	3%	0%	0%	0%	0%
	4) Monk	0%	0%	0%	0%	5%	0%
	5) Other	19%	13%	7%	0%	30%	33%
	6) No one	0%	0%	2%	0%	0%	20%

Source: Phase II Monitoring Survey in December, 2017

The table (5-27) shows community problem-solving and social relationships of respondents. Regarding the issues which cannot solved within family, 100 households head/10 households head, village administrator and other governmental officials are major consultation channels made by PAPs and Non-PAPs. 54% of PAPs living at relocation site (A) from Zone A revealed that they usually consult with 100 households head/10 households head. 41% of

PAPs living at relocation site (A) from Zone B reported that they consult with 100 households head/10 households head. It is found that 74% of PAPs sold/rented out at relocation site (B) and 60% of PAPs economically displaced only (C) did not made any consultation with anyone else on the issues they faced. As for Host community (D), they mainly used 100 households head/10 households head and village administer as consultation network. 50% of New owners/renters (E) ask for help to 100 households head/10 households head for the matters of solving community problems. All of PAPs and Non-PAPs have social relationships with neighboring households except a small percentage of New owners/renters (E).

Table 5-27 Community Problem-Solving and Social Relationships

SN	Description	Phase I /Zone A		Phase II			
		PAPs at RS (A=26 HHs)	PAPs at RS (A=39 HHs)	PAPs		Non PAPs	
				PAPs sold/rented out at RS (B=42 HHs)	Eco. Displaced Only (C=5 HHs)	Host Comm. (D=20 HHs)	New Owner/ Renter (E=30 HHs)
1	For the issues, who do you consult? (# of HHs)						
	1) 100 HHs / 10 HHs	14	16	-	1	9	15
	2) Village administrator	1	7	1	-	10	5
	3) Other governmental official	-	2	-	-	1	-
	4) Other	-	-	1	-	-	2
	5) No one	2	18	31	3	4	15
2	For the issues, who do you consult? (% of HHs)						
	1) 100 HHs / 10 HHs	54%	41%	0%	20%	45%	50%
	2) Village administrator	4%	18%	2%	0%	50%	17%
	3) Other governmental official	0%	5%	0%	0%	5%	0%
	4) Other	0%	0%	2%	0%	0%	7%
	5) No one	8%	46%	74%	60%	20%	50%
3	# of Social Relationship with Neighbor HHs	26	39	42	5	20	26
	% of Social Relationship with Neighbor HHs	100%	100%	100%	100%	100%	87%
4	Average No. HHs that Residents at the RS are friends with	33.5	16.7				6.6

Source: Phase II Monitoring Survey in December, 2017

6 Conclusion and Recommendations

6.1 Conclusion - Major Findings

Employment

It is found that household head's job changes of people living at relocation site (A) from Zone A increased to 23% although these changes have dramatically reduced from 41% to 10% during the period of after the first EMS and after the second EMS. As Displacement disrupts traditional livelihood system of project affected people, their livelihood systems have been transformed. It can be said that livelihood system of people living at relocation site (A) from Zone A is still unstable and weaken due to the growing number of their household head's job changes.

High dependency ratio of PAPs living at relocation site (A) from Zone A and Zone B shows that number of employed people is less than that of unemployed people although they have bigger family size than other different types of PAPs and non-PAPs. The burden falls to unbalance of income and expenditure. PAPs economically displaced only (C) has the least dependency ratio among them.

Income and Expenditure

Monthly average income of different categories of PAPs (A-C) from Zone B, Host community (D) and New owners/renters (E) exceeds their monthly average expenditure. Monthly average expenditure of PAPs living at relocation site (A) from Zone A outweighs their monthly average income. It tends to disadvantage them, resulting in high level of indebtedness. Unbalance of income and expenditure is also a key link in the chain of debt.

Indebtedness

The data shows that 59% of PAPs living at relocation site (A) from Zone B are left in situations where there is a range of debt between 10,000,000 and 70,000 MMK. High percentage of borrowing money and higher level of indebtedness is found in those PAPs who are living at relocation site (A) from Zone A, PAPs living at relocation site (A) from Zone B and PAPs sold/rented house at RS (B) from Zone B who have higher dependency ratio.

On the other hand, lower percentage of borrowing money and lower indebtedness level can be seen in PAPs economically displaced only (C) from Zone B, Host community (D) and New owners/renters at RS (E) who have lower dependency ratio. Therefore, high level of indebtedness is indirect consequences of traditional livelihood disruption, unemployment, poor financial management and unbalance of income and expenditure.

Savings

Less than 50 % of PAPs and Non-PAPs' households have saving practice. Their saving practice is also different. 69% of PAPs living at relocation site (A) from Zone A are credit group members and save their money in microfinance. Only 10% of PAPs living at relocation site (A) from Zone B are credit group members and majority of households (40%) save their money at either bank or home. It can be said that microfinance activity is not functioning well for PAPs living at relocation site (A) from Zone B.

Current Environmental Condition

In terms of current environmental conditions at relocation site, some PAPs living at relocation site still reported bad toilet conditions because of being overflow and this is likely to harm their health in the long run. It is said that water is in good quality and water meter will be equipped and its charges will be paid later. If the charges are quite high for the big family members, they said that they will have to negotiate it with zone committee. There is no complaint about electricity supply bill.

They revealed the waste disposal inasmuch as four garbage bins are not adequate for 90 houses. Roads of the relocation site are better than those of previous places. However, these roads are not good to walk and ride motorbikes. Unless the roads of relocation site turn to concrete ones, they will not be convenient.

Some houses reported that there are noise issues coming from music box. Some reported the security issue and they are afraid of theft because of stolen motorbikes.

Income Restoration Program

It is found that a few PAPs living at relocation site (A) from Zone B participated in vocational trainings. PAPs sold/rented houses at RS (B) and PAPs economically displaced only (C) were not found in attending any vocational trainings. As part of income restoration program, delivery of vocational trainings is the biggest role in restoring their income and livelihoods in the aftermath of displacement as traditional economies and social networks of PAPs are eroded and they are vulnerable to adopt coping strategies.

6.2 Recommendations

It is recommended that there is a need to focus on employment opportunity creation to PAPs to enable for covering their basic needs of living and reducing dependency ratio.

It is advisable for all PAPs from Zone B to introduce microfinance program to adjust income and expenditure.

Provision of vocational trainings with market potential would be beneficial for their capacity building and livelihood.

Annexes

- Annex 1: Questionnaire for PAPs living in Relocation Site as Owners (A)
- Annex 2: Questionnaire for PAPs who sold/rented their house in Relocation Site (B)
- Annex 3: Questionnaire for PAPs only economically affected (not physically affected) (C)
- Annex 4: Questionnaire for Host Community (D)
- Annex 5: Questionnaire for People living in Relocation Site (not PAPs) (E)
- Annex 6: List of Respondents (PAPs at Relocation Site Owners) actually surveyed
- Annex 7: List of Respondents (PAPs who sold/rented in Relocation Site) actually surveyed
- Annex 8: List of Respondents (PAPs only economically displaced) actually surveyed
- Annex 9: List of Respondents (Host Community) actually surveyed
- Annex 10: List of Respondents (Living in Relocation Site as New Owners/Renters (not PAPs) (E) actually surveyed

**Annex 1: Monitoring Sheet Household Survey (A):
for PAPs living in Relocation Site (OWNERS)**

3rd EMS HH ID : _____ **Date of Interview :** _____ **Name of Interviewer :** _____

Baseline HH No. : _____ **Current HH No. :** _____ **Name of interviewee (Relationship with Household Head) :** _____

Location of living place (HH No./Name of Village/Ward) : _____ **Date to move in the current living place :** _____

1. FAMILY STRUCTURE / HOUSEHOLD CHARACTERISTICS

1.1 Relationship with HH Heads	1.2 Name	1.3 Age	1.4 Sex	1.5 Marital Status	1.6 Status (E.g. Student, worker)	1.7 Occupation	1.8 a)Location of work b)Transport	1.9 Disability
Household Head								
Family member 1 ()								
Family member 2 ()								

Family member 3 ()								
Family member 4 ()								
[ADD as required]								

Option:

1.5 Marital status
[choose one]

- 1=Married
- 2=Living together not married
- 3=Widowed
- 4=Divorced
- 5=Separated
- 6=Single /never married

1.6 Status [choose one]

- 1=Employed full-time
- 2=Employed part-time
- 3=Looking for a job/unemployed
- 4=Unable to work-ill/elderly
- 5=Student
- 6=Housewife
- 7=Others

1.7 Occupation [choose one]

- 1= Farmer
- 2= Housewife
- 3= Casual Labourer / Odd Job
- 4= Wage Worker
- 5= Public Servant
- 6= Home Business, 7= Car Taxi, 8= Retired, 9=Others

1.8 a) Location [choose one]

- 1=Kyauktan, 2=Thanlyin
- 3=Yangon,4=Others

b) Transport

- 1=On foot, 2=Motorbike
- 3=Bicycle, 4=Motorbike taxi
- 5=Ferry bus,
- 6=Public Transport,
- 7=Others

1.9 Disability [choose one]

- 1= Sight
- 2= Hearing
- 3= Amputee
- 4= Mobility impaired
- 5= Mental illness
- 6= Others

1. FAMILY STRUCTURE / HOUSEHOLD CHARACTERISTICS (CONTINUED.)

1.1 Relationship with HH Heads	1.2 Name	1.3 Age	1.4 Sex	1.5 Marital Status	1.6 Status (E.g. Student, worker)	1.7 Occupation	1.8 a)Location of work b)Transport	1.9 Disability
Family member 5 ()								
Family member 6 ()								
Family member 7 ()								
Family member 8 ()								
Family member 9 ()								
Family member 10 ()								
Family member 11 ()								

Family member 12 ()								
Family member 13 ()								
Family member 14 ()								

Option:

1.5 Marital status
[choose one]

- 1=Married
- 2=Living together not married
- 3=Widowed
- 4=Divorced
- 5=Separated
- 6=Single /never married

1.6 Status *[choose one]*

- 1=Employed full-time
- 2=Employed part-time
- 3=Looking for a job/unemployed
- 4=Unable to work-ill/elderly
- 5=Student
- 6=Housewife
- 7=Others

1.7 Occupation *[choose one]*

- 1= Farmer
- 2= Housewife
- 3= Casual Labourer / Odd Job
- 4= Wage Worker
- 5= Public Servant
- 6= Home Business, 7= Car Taxi, 8= Retired, 9=Others

1.8 a) Location *[choose one]*

- 1=Kyauktan, 2=Thanlyin
- 3=Yangon,4=Others

b) Transport

- 1=On foot, 2=Motorbike
- 3=Bicycle, 4=Motorbike taxi
- 5=Ferry bus,
- 6=Public Transport,
- 7=Others

1.9 Disability *[choose one]*

- 1= Sight
- 2= Hearing
- 3= Amputee
- 4= Mobility impaired
- 5= Mental illness
- 6= Others

QUESTIONS		ANSWER	
		Rice farming Cash crops Livestock Public servant Home business Other No job	Rice farming Cash crops Livestock Public servant Home business Other No job
2.2	<p>What is total MONTHLY household income last month in family?</p> <p><i>[Fill in the amount for each category and then TOTAL]</i></p>	<p><u>Categories and Amount (Kyat)</u></p> a) Crop/vegetable sales _____ b) Livestock/product sales _____ c) Salaries _____ d) Odd jobs/casual labour _____ e) Remittances _____ f) Home business _____ g) Other _____ <p style="text-align: right;">TOTAL : _____</p>	
2.3	<p>Please estimate your MONTHLY household expenditure on:</p> <p><i>[Fill in the amount for each category and then TOTAL]</i></p>	<p><u>Food and Amount (Kyat)</u></p> a) Rice _____ b) Oils _____ c) Milk _____ d) Sugar _____ e) Tea/coffee _____ f) Vegetables/ Meat/ fish _____ g) Other food _____	

QUESTIONS		ANSWER	
		<p><u>Non-food and Amount (Kyat)</u></p> <p>h) Fuel _____</p> <p>i) Firewood _____</p> <p>j) Betel leaf _____</p> <p>k) Cigarette _____</p> <p>l) Lottery _____</p> <p>m) Alcohol _____</p> <p>n) Electricity _____</p> <p>o) Water _____</p> <p>p) Transport for work _____</p> <p>q) Telephone _____</p> <p>r) Education _____</p> <p>s) Health care _____</p> <p>t) Donation (social welfare) _____</p> <p>u) Clothes _____</p> <p>v) Tax/Other _____</p> <p style="text-align: right;">TOTAL : _____</p>	
2.4	Does your household income allow you to save?	YES / NO	
2.5	If YES to 4.4, what do you do with the extra money?	<p>1=Saving with bank/at home</p> <p>2=Purchase livestock</p> <p>3=Invest in business</p> <p>4=Microfinance</p> <p>5=Other</p>	□

QUESTIONS		ANSWER	
2.6	Are you a member of a credit group?	YES / NO	_
2.7	<p>Did you borrow money before and after 2nd EMS (last year)?</p> <p>If YES, from whom? [Circle one]</p> <p>With how much % of interest?</p>	<p>Before : YES / NO</p> <p><i>From whom?</i></p> <p>1=Bank; 2=Credit group; 3=Family/Relatives; 4=Friend, 5=Money lender ,6=Other</p> <p><i>How much interest (%)?</i></p> <p>()</p>	<p>After : YES / NO</p> <p><i>From whom?</i></p> <p>1=Bank; 2=Credit group; 3=Family/Relatives; 4=Friend, 5=Money lender ,6=Other</p> <p><i>How much interest (%)?</i></p> <p>()</p>
2.8	If YES to 2.7, what was the main purpose for borrowing money?	Specify _____	
2.9	<p>How often and how much do/did you borrow (times per year) before and after 2nd EMS (last year)?</p> <p>If YES, when?</p> <p>[Circle one]</p>	<p>Before : 1 time / year</p> <p>2 times / year</p> <p>3 times / year</p> <p>4 or more times / year</p> <p><i>Hou much?</i> () Kyats</p> <p><i>Which month?</i> ()</p>	<p>After : 1 time / year</p> <p>2 times / year</p> <p>3 times / year</p> <p>4 or more times / year</p> <p><i>Hou much?</i> () Kyats</p>

QUESTIONS		ANSWER	
			<i>Which month? ()</i>
2.10	<p>Have you made any investments in livelihood activities before and after 2nd EMS (last year)?</p> <p>If YES, when?</p> <p><i>[Circle one]</i></p>	<p>Before : YES / NO</p> <p>if YES, when ()</p> <p>a) Land b) Equipment (e.g. farming, business etc) c) Seeds or other inputs d) Livestock e) Open small shop f) Others</p>	<p>After : YES / NO</p> <p>if YES, when ()</p> <p>a) Land b) Equipment (e.g. farming, business etc) c) Seeds or other inputs d) Livestock e) Open small shop f) Others</p>

3. FOOD SECURITY

QUESTIONS		ANSWER	
3.1	Did you have food shortages in past 12 months? If YES, when?	YES / NO <i>When?</i> ()	
3.2	If YES to 3.2, in times of shortages, how did the household fill the gap? <i>[Record all mentioned]</i>	Specify _____ (E.g. Sold livestock; Sold household assets; Borrowed; Labour migration; Ate fewer meals etc)	
3.3	What was the main reason for food shortage/s?	1 = Drought 2 = Livestock shortage 3 = Land shortage 4 = Crop damage due to pests and disease 5 = No other income sources 6 = Other (specify)	__

4. HOUSING AND INFRASTRUCTURE CONDITION

QUESTIONS		ANSWER	
4.1	Do you own the house that you are currently living?	1 = Own house; 2 = Don't own; 3 = Rented house	_
4.2	If rented, how much rent per MONTH?	Amount Kyat _____ / month	
4.3	Overall, how is the condition of your house compared to 2nd EMS (Last Year)?	1=Better; 2=Same; 3=Worse If BETTER/WORSE, why _____	_
4.4	Do you own another house anywhere else?	YES / NO	Specify where _____ _____ _____
4.5	What type of toilet do you use?	1=No toilet/open; 2=traditional latrine; 3=Improved latrine/septic tank (fly proof toilet)	_
4.6	If septic tank/fly prrof toilet, how do you manage when tank is full?	Specify _____	
4.7	How do the toilet facilities compare to 2nd EMS (last year)?	1=Better; 2=Same; 3=Worse If BETTER/WORSE, why _____	_
4.8	Where do you get your drinking and cooking water?	1=Private well; 2=Collective well at relocation site; 3=collective well outside of relocation site; 4=River; 5=Rain water; 6=buying from Relocation Site, 7=buying	_

QUESTIONS		ANSWER	
		outside Relocation Site, 8=Other (specify)_____	
4.9	When you drink water, do you drink it directly or boil it before drinking or something else?	1=Drink directly, 2=Boil before drinking, 3=Filter before drinking	_
4.10	How long do/did you take to get/fetch water at current/previous living place 2nd EMS (Last Year)?	1=private well, 2=within 10min, 3=within 30min, 4=from 30min to 1hours, 5=more than 1hour, 6=buying	_
4.11	How is your access to water compared to 2nd EMS (last year)?	1=Better; 2=Same; 3=Worse If BETTER/WORSE, why_____	_
4.12	Is there standing water around your house after raining?	YES / NO	Specify_____ _____ _____ —
4.13	On rainy days, does the common drainage system function well around your house?	YES / NO	If NO, what happens? _____ _____ —
4.14	Do you have electricity to your house?	YES / NO	If NO, what do you use (specify)_____ _____

QUESTIONS		ANSWER	
4.15	If YES, what purpose do you use electricity?	1=Lighting, 2=Cooking, 3=TV/DVD, 4=Refrigerator, 5=Stereo, 6=Karaoke, 7=home business (sawing machine, freezer etc), 8=Others ()	
4.16	If YES to 4.14, do you always pay the electricity bill?	YES / NO	If NO, why _____ _____ _____
4.17	Do you try to save use of electricity to minimise the bill?	YES / NO	
4.18	How do you find the road conditions at relocation site (compare to 2 nd EMS (Last Year)?	1=Better; 2=Same; 3=Worse If BETTER/WORSE, why_____	□
4.19	Do you feel safe/secure at your current house?	YES / NO	If NO, why not? _____ _____

5. OWNERSHIP OF MOVEABLE ASSETS

QUESTIONS		ANSWER	
5.1	What Household Assets do you have?	<u>Categories</u> a) Rice cooker b) Electric stove	<u>No. of Items</u> a) b)

QUESTIONS		ANSWER	
	<i>[Circle each asset owned and record no. of items]</i>	c) Iron d) Electric fan e) Fridge f) Inverter g) Small generator h) TV i) Phone j) Water pump k) Sewing machine l) Solar panel m) Battery n) Radio o) Washing machine p) Karaoke q) Others ()	c) d) e) f) g) h) i) j) k) l) m) n) o) p) q)
5.2	What Other Assets do you have? <i>[Circle each asset owned and record no. of items]</i>	<u>Categories</u> a) Bicycle b) Motorbike c) Gondow (hand tractor) d) Tractor e) Car f) Other ()	<u>No. of Items</u> a) b) c) d) e) f)

6. EDUCATION AND HEALTHCARE

QUESTIONS		ANSWER	
EDUCATION			
6.1	How many school children do you have in your family?	TOTAL	_
6.2	Do all children above 5 years attend school? If NO, why not?	YES / NO	If NO, specify why_____
6.3	Are there children who drop out of school? If YES, why and when?	YES / NO	If YES, specify why_____when_____
6.4	Overall, are you satisfied with school that your children attend?	If YES, why If NO why_____	_
HEALTH & HEALTH CARE			
6.5	When you fall ill, how do you manage? (E.g. go to clinic hospital / self-treatment etc)	1=Go to health clinic; 2= Go to Hospital; 3=Self-treatment; 4=Traditional medicine; 5=Call Doctor to home, 6=Other (specify)	_
6.6	Was any member of your household affected by serious illness in the last 12 months?	YES / NO	If YES, specify illness_____When_____ _____

7. ENVIRONMENTAL CONDITIONS

QUESTIONS		ANSWER
7.1	Are there any noise problems where you live that disturb you?	YES / NO If YES, Specify _____
7.2	How do you manage when there are noise issues?	Specify _____ _____
7.3	Is there bad smell at relocation site? If Yes, where does it come from?	YES / NO, If YES, _____
7.4	How do you manage when there are odour (bad smell) issues?	Specify _____ _____
7.5	Where do you dispose of your solid waste?	Specify _____
7.6	Are there any environmental issues where you live? [List to top TWO issues]	1. _____ 2. _____

8. PARTICIPATION IN INCOME RESTORATION PROGRAM / VOCATIONAL TRAINING

QUESTIONS		ANSWER
8.1	Is there any family members who attended any vocational training for the IRP?	YES / NO If YES, how many persons ()
8.2	If YES to 8.1, which training did you/ he/her attend?	

QUESTIONS		ANSWER	
8.3	Did the training help you/him/her find a job / alternative income?	YES / NO	If NO, why not? _____
8.4	Did you/ he/her get some skill/knowledge from the training?	YES / NO	
8.5	If you did not find a job / alternative income after training, what is the reason?	Specify _____ _____	
8.6	Are you interested in further vocation training opportunities, if any?	YES / NO	

9. COMMUNICATION AND SOCIAL NETWORKS

QUESTIONS		ANSWER	
9.1	How many social groups exist in your community?	YES / NO	How many? ()
9.2	If NO, do you think it needs to be formed?	YES / NO	
9.3	What are social activities in your community?	Specify _____ _____	
9.4	How is the governmental /social activities' information shared? (through 10HHs/ 100HHs, village administrator etc)	1=100HHs/10HHs, 2=Village administrator, 3=Other governmental official, 4=NGOs, 5=CSOs, 6=Monk ,7=INGOs, 8=Others	a-Governmental information [] b-social activities []

QUESTIONS		ANSWER	
9.5	When you have problem which can not be solved within family, who do you ask consultation/help? (100HHs, village administrators etc)	1=100HHs/10HHs, 2=Village administrator, 3=Other governmental official, 4=NGOs, 5=CSOs, 6=Monk ,7=INGOs, 8=Others	Answer[]
9.6	Is there any social relationship with neighbor? (having tea/chatting together, for children to play together, playing karaoke together, watching video/TV together etc)	YES / NO	If YES, what activities? ()
9.7	How many households do you know friendly at relocation site?	() HHs	

**Annex 2: Monitoring Sheet Household Survey (B):
For PAPs who sold/rented house at relocation site**

3rd EMS HH ID : _____ **Date of Interview :** _____ **Name of Interviewer :** _____

Baseline HH No. : _____ **Current HH No. :** _____ **Name of interviewee (Relationship with Household Head) :** _____

Location of living place (HH No./Name of Village/Ward) : _____ **Date to move in the current living place :** _____

1. FAMILY STRUCTURE / HOUSEHOLD CHARACTERISTICS

1.1 Relationship with HH Heads	1.2 Name	1.3 Age	1.4 Sex	1.5 Marital Status	1.6 Status (E.g. Student, worker)	1.7 Occupation	1.8		1.9 Disability
							a)Location of work	b)Transport	
Household Head									
Family member 1 ()									
Family member 2 ()									

Family member 3 ()								
Family member 4 ()								
[ADD as required]								

Option:

1.5 Marital status
[choose one]

- 1=Married
- 2=Living together not married
- 3=Widowed
- 4=Divorced
- 5=Separated
- 6=Single /never married

1.6 Status [choose one]

- 1=Employed full-time
- 2=Employed part-time
- 3=Looking for a job/unemployed
- 4=Unable to work-ill/elderly
- 5=Student
- 6=Housewife
- 7=Others

1.7 Occupation [choose one]

- 1= Farmer
- 2= Housewife
- 3= Casual Labourer / Odd Job
- 4= Wage Worker
- 5= Public Servant
- 6= Home Business, 7= Car Taxi, 8= Retired, 9=Others

1.8 a) Location [choose one]

- 1=Kyauktan, 2=Thanlyin
- 3=Yangon,4=Others

b) Transport

- 1=On foot, 2=Motorbike
- 3=Bicycle, 4=Motorbike taxi
- 5=Ferry bus,
- 6=Public Transport,
- 7=Others

1.9 Disability [choose one]

- 1= Sight
- 2= Hearing
- 3= Amputee
- 4= Mobility impaired
- 5= Mental illness
- 6= Others

1. FAMILY STRUCTURE / HOUSEHOLD CHARACTERISTICS (CONTINUED.)

1.1 Relationship with HH Heads	1.2 Name	1.3 Age	1.4 Sex	1.5 Marital Status	1.6 Status (E.g. Student, worker)	1.7 Occupation	1.8 a)Location of work b)Transport	1.9 Disability
Family member 5 ()								
Family member 6 ()								
Family member 7 ()								
Family member 8 ()								
Family member 9 ()								
Family member 10 ()								
Family member 11 ()								

Family member 12 ()								
Family member 13 ()								
Family member 14 ()								

Option:

1.5 Marital status [*choose one*]

- 1=Married
- 2=Living together not married
- 3=Widowed

1.6 Status [*choose one*]

- 1=Employed full-time
- 2=Employed part-time
- 3=Looking for a job/unemployed

1.7 Occupation [*choose one*]

- 1= Farmer
- 2= Housewife
- 3= Casual Labourer / Odd Job

1.8 a) Location [*choose one*]

- 1=Kyauktan, 2=Thanlyin
- 3=Yangon,4=Others

b) Transport

1.9 Disability [*choose one*]

- 1= Sight
- 2= Hearing
- 3= Amputee

1. FAMILY STRUCTURE / HOUSEHOLD CHARACTERISTICS (CONTINUED)

QUESTIONS		ANSWER
1.10	What is the total number of persons / members in your Household (including respondent)?	Male_____ Female_____ TOTAL _____
1.11	Is it a Female-Headed Household?	YES / NO

1.12	Is it headed by Elderly Person (over 65 years)?	YES / NO
1.13	If household head does not have job currently, what is reason?	1=Look for job (what type of job? []) 2=Retired 3=Sickness 4=Disability 5= Rely on parents/ children/ other family members
1.14	Do you continue the same job as last year (Household Head)?	YES / NO If No, Why?

2. LIVELIHOODS, INCOME AND EXPENDITURE

QUESTIONS		ANSWER	
2.1	What are main and secondary sources of income in family? <i>[Circle one each for main and secondary income sources]</i>	<u>Main Income</u> Odd job Wage worker Rice farming Cash crops Livestock Public servant Home business Other	<u>Secondary Income</u> Odd job Wage worker Rice farming Cash crops Livestock Public servant Home business Other

QUESTIONS		ANSWER	
		No job	No job
2.2	<p>What is total MONTHLY household income last month in family?</p> <p><i>[Fill in the amount for each category and then TOTAL]</i></p>	<p><u>Categories and Amount (Kyat)</u></p> <p>a) Crop/vegetable sales _____</p> <p>b) Livestock/product sales _____</p> <p>c) Salaries _____</p> <p>d) Odd jobs/casual labour _____</p> <p>e) Remittances _____</p> <p>f) Home business _____</p> <p>g) Other _____</p> <p style="text-align: center;">TOTAL : _____</p>	
2.3	<p>Please estimate your MONTHLY household expenditure on:</p> <p><i>[Fill in the amount for each category and then TOTAL]</i></p>	<p><u>Food and Amount (Kyat)</u></p> <p>a) Rice _____</p> <p>b) Oils _____</p> <p>c) Milk _____</p> <p>d) Sugar _____</p> <p>e) Tea/coffee _____</p> <p>f) Vegetables/ Meat/ fish _____</p> <p>g) Other food _____</p> <p><u>Non-food and Amount (Kyat)</u></p> <p>h) Fuel _____</p> <p>i) Firewood _____</p> <p>j) Betel leaf _____</p> <p>k) Cigarette _____</p> <p>l) Lottery _____</p> <p>m) Alcohol _____</p> <p>n) Electricity _____</p> <p>o) Water _____</p>	

QUESTIONS		ANSWER	
		p) Transport for work _____ q) Telephone _____ r) Education _____ s) Health care _____ t) Donation (social welfare) _____ u) Clothes _____ v) Tax/Other _____ <p style="text-align: right;">TOTAL : _____</p>	
2.4	Does your household income allow you to save?	YES / NO	
2.5	If YES to 4.4, what do you do with the extra money?	1=Saving with bank/at home 2=Purchase livestock 3=Invest in business 4=Microfinance 5=Other	<input type="checkbox"/>
2.6	Are you a member of a credit group?	YES / NO	<input type="checkbox"/>
2.7	Did you borrow money before and after 2nd EMS (last year)? If YES, from whom? [Circle one] With how much % of interest?	Before : YES / NO <i>From whom?</i> 1=Bank; 2=Credit group; 3=Family/Relatives; 4=Friend, 5=Money lender ,6=Other <i>How much interest (%)?</i>	After : YES / NO <i>From whom?</i> 1=Bank; 2=Credit group; 3=Family/Relatives; 4=Friend, 5=Money lender ,6=Other

QUESTIONS		ANSWER	
		()	<i>How much interest (%)?</i> ()
2.8	If YES to 2.7, what was the main purpose for borrowing money?	Specify _____	
2.9	How often and how much do/did you borrow (times per year) before and after 2nd EMS (last year)? If YES, when? <i>[Circle one]</i>	Before : 1 time / year 2 times / year 3 times / year 4 or more times / year <i>Hou much?</i> () Kyats <i>Which month?</i> ()	After : 1 time / year 2 times / year 3 times / year 4 or more times / year <i>Hou much?</i> () Kyats <i>Which month?</i> ()
2.10	Have you made any investments in livelihood activities before and after 2nd EMS (last year)? If YES, when? <i>[Circle one]</i>	Before : YES / NO if YES, when () a) Land b) Equipment (e.g. farming, business etc) c) Seeds or other inputs d) Livestock e) Open small shop f) Others	After : YES / NO if YES, when () a) Land b) Equipment (e.g. farming, business etc) c) Seeds or other inputs d) Livestock e) Open small shop f) Others

3. FOOD SECURITY

QUESTIONS		ANSWER	
3.1	Did you have food shortages in past 12 months? If YES, when?	YES / NO <i>When?</i> ()	
3.2	If YES to 3.2, in times of shortages, how did the household fill the gap? <i>[Record all mentioned]</i>	Specify _____ (E.g. Sold livestock; Sold household assets; Borrowed; Labour migration; Ate fewer meals etc)	
3.3	What was the main reason for food shortage/s?	1 = Drought 2 = Livestock shortage 3 = Land shortage 4 = Crop damage due to pests and disease 5 = No other income sources 6 = Other (specify)	_

4. HOUSING AND INFRASTRUCTURE CONDITION

QUESTIONS		ANSWER	
4.1	Do you own the house that you are currently living?	1 = Own house; 2 = Don't own; 3 = Rented house	__
4.2	If rented, how much rent per MONTH?	Amount Kyat _____ / month	
4.3	Overall, how is the condition of your house compared to 2nd EMS (Last Year)?	1=Better; 2=Same; 3=Worse If BETTER/WORSE, why_____	__
4.4	Do you own another house anywhere else?	YES / NO	Specify where_____ _____ _____
4.5	What type of toilet do you use?	1=No toilet/open; 2=traditional latrine; 3=Improved latrine/septic tank (fly proof toilet)	__
4.6	If septic tank/fly prrof toilet, how do you manage when tank is full?	Specify_____	
4.7	How do the toilet facilities compare to 2nd EMS (last year)?	1=Better; 2=Same; 3=Worse If BETTER/WORSE, why_____	__
4.8	Where do you get your drinking and cooking water?	1=Private well; 2=Collective well at relocation site; 3=collective well outside of relocation site; 4=River; 5=Rain water; 6=buying from Relocation Site, 7=buying outside Relocation Site, 8=Other (specify)_____	__

QUESTIONS		ANSWER	
4.9	When you drink water, do you drink it directly or boil it before drinking or something else?	1=Drink directly, 2=Boil before drinking, 3=Filter before drinking	__
4.10	How long do/did you take to get/fetch water at current/previous living place 2nd EMS (Last Year)?	1=private well, 2=within 10min, 3=within 30min, 4=from 30min to 1hours, 5=more than 1hour, 6=buying	__
4.11	How is your access to water compared to 2nd EMS (last year)?	1=Better; 2=Same; 3=Worse If BETTER/WORSE, why _____	__
4.12	Is there standing water around your house after raining?	YES / NO	Specify _____ _____
4.13	On rainy days, does the common drainage system function well around your house?	YES / NO	If NO, what happens? _____ _____
4.14	Do you have electricity to your house?	YES / NO	If NO, what do you use (specify) _____ _____
4.15	If YES, what purpose do you use electricity?	1=Lighting, 2=Cooking, 3=TV/DVD, 4=Refrigerator, 5=Stereo, 6=Karaoke, 7=home business (sawing machine, freezer etc), 8=Others ()	
4.16	If YES to 6.15, do you always pay the electricity bill?	YES / NO	If NO, why _____ _____ _____

QUESTIONS		ANSWER	
4.17	Do you try to save use of electricity to minimise the bill?	YES / NO	
4.18	How do you find the road conditions at relocation site (compare to 2nd EMS (Last Year)?	1=Better; 2=Same; 3=Worse If BETTER/WORSE, why_____	_
4.19	Do you feel safe/secure at your current house?	YES / NO	If NO, why not? _____ _____
4.20	When did you decide to sell/rent house? When did you actually sold/rent house?	1=Before house was constructed at relocation site 2=After house was constructed without moving in house 3=Within 2-3 month after moved in new house (Jan-Feb2014) 5=March – Dec 2014 6=2015 7=2016	<i>When decided?</i> _ <i>When sold/rented house?</i> _
4.21	What is the reason for having sold/rended house in relocation site?	1=Go back to native hometown 2=Live with other family member 3=Look for job in other area 4=Find house and (farm-)land in other area where house/land is less expensive	_

QUESTIONS		ANSWER	
		5=Others ()	

5. OWNERSHIP OF MOVEABLE ASSETS

QUESTIONS		ANSWER	
5.1	What Household Assets do you have? <i>[Circle each asset owned and record no. of items]</i>	<u>Categories</u> a) Rice cooker b) Electric stove c) Iron d) Electric fan e) Fridge f) Inverter g) Small generator h) TV i) Phone j) Water pump k) Sewing machine l) Solar panel m) Battery n) Radio o) Washing machine p) Karaoke q) Others ()	<u>No. of Items</u> a) b) c) d) e) f) g) h) i) j) k) l) m) n) o) p) q)
5.2	What Other Assets do you have?	<u>Categories</u> a) Bicycle b) Motorbike c) Gondow (hand tractor)	<u>No. of Items</u> a) b) c)

QUESTIONS		ANSWER	
	<i>[Circle each asset owned and record no. of items]</i>	d) Tractor e) Car f) Other ()	d) e) f)

6. EDUCATION AND HEALTHCARE

QUESTIONS		ANSWER	
EDUCATION			
6.1	How many school children do you have in your family?	TOTAL	_
6.2	Do all children above 5 years attend school? If NO, why not?	YES / NO	If NO, specify why _____ —
6.3	Are there children who drop out of school? If YES, why and when?	YES / NO	If YES, specify why _____ when _____
HEALTH & HEALTH CARE			
6.4	When you fall ill, how do you manage? (E.g. go to clinic hospital / self-treatment etc)	1=Go to health clinic; 2= Go to Hospital; 3=Self-treatment; 4=Traditional medicine; 5=Call Doctor to home, 6=Other (specify)	_
6.5	Was any member of your household affected by serious illness in the last 12 months?	YES / NO	If YES, specify illness _____ When _____ _____

7. ENVIRONMENTAL CONDITIONS

QUESTIONS		ANSWER
7.1	Where do you dispose of your solid waste?	Specify_____
7.2	Are there any environmental issues where you live? [List to top TWO issues]	1. _____ 2. _____

8. PARTICIPATION IN INCOME RESTORATION PROGRAM / VOCATIONAL TRAINING

QUESTIONS		ANSWER	
8.1	Is there any family members who attended any vocational training for the IRP?	YES / NO	If YES, how many persons ()
8.2	If YES to 8.1, which training did you/ he/her attend?		
8.3	Did the training help you/him/her find a job / alternative income?	YES / NO	If NO, why not? _____
8.4	Did you/ he/her get some skill/knowledge from the training?	YES / NO	
8.5	If you did not find a job / alternative income after training, what is the reason?	Specify _____ _____	
8.6	Are you interested in further vocation training opportunities, if any?	YES / NO	

9. COMMUNICATION AND SOCIAL NETWORKS

QUESTIONS		ANSWER	
9.1	How many social groups exist in your community?	YES / NO	How many? ()
9.2	If NO, do you think it needs to be formed?	YES / NO	
9.3	What are social activities in your community?	Specify _____ _____	
9.4	How is the governmental /social activities' information shared? (through 10HHs/ 100HHs, village administrator etc)	1=100HHs/10HHs, 2=Village administrator, 3=Other governmental official, 4=NGOs, 5=CSOs, 6=Monk ,7=INGOs, 8=Others	a-Governmental information [] b-social activities []
9.5	When you have problem which can not be solved within family, who do you ask consultation/help? (100HHs, village administrators etc)	1=100HHs/10HHs, 2=Village administrator, 3=Other governmental official, 4=NGOs, 5=CSOs, 6=Monk ,7=INGOs, 8=Others	Answer[]
9.6	Is there any social relationship with neighbor? (having tea/chatting together, for children to play together, playing karaoke together, watching video/TV together etc)	YES / NO	If YES, what activities? ()

**Annex 3: Monitoring Sheet Household Survey (C):
for PAPs only economically affected (not physically affected by relocation)**

3rd EMS HH ID : _____ **Date of Interview :** _____ **Name of Interviewer :** _____

Baseline HH No. : _____ **Current HH No. :** _____ **Name of interviewee (Relationship with Household Head) :** _____

Location of living place (HH No./Name of Village/Ward) : _____ **Date to move in the current living place :** _____

1. FAMILY STRUCTURE / HOUSEHOLD CHARACTERISTICS

1.1 Relationship with HH Heads	1.2 Name	1.3 Age	1.4 Sex	1.5 Marital Status	1.6 Status (E.g. Student, worker)	1.7 Occupation	1.8 a)Location of work b)Transport	1.9 Disability
Household Head								
Family member 1 ()								
Family member 2 ()								

Family member 3 ()								
Family member 4 ()								
[ADD as required]								

Option:

1.5 Marital status
[choose one]

- 1=Married
- 2=Living together not married
- 3=Widowed
- 4=Divorced
- 5=Separated
- 6=Single /never married

1.6 Status *[choose one]*

- 1=Employed full-time
- 2=Employed part-time
- 3=Looking for a job/unemployed
- 4=Unable to work-ill/elderly
- 5=Student
- 6=Housewife
- 7=Others

1.7 Occupation *[choose one]*

- 1= Farmer
- 2= Housewife
- 3= Casual Labourer / Odd Job
- 4= Wage Worker
- 5= Public Servant
- 6= Home Business, 7= Car Taxi, 8= Retired, 9=Others

1.8 a) Location *[choose one]*

- 1=Kyauktan, 2=Thanlyin
- 3=Yangon,4=Others

b) Transport

- 1=On foot, 2=Motorbike
- 3=Bicycle, 4=Motorbike taxi
- 5=Ferry bus,
- 6=Public Transport,
- 7=Others

1.9 Disability *[choose one]*

- 1= Sight
- 2= Hearing
- 3= Amputee
- 4= Mobility impaired
- 5= Mental illness
- 6= Others

1. FAMILY STRUCTURE / HOUSEHOLD CHARACTERISTICS (CONTINUED.)

1.1 Relationship with HH Heads	1.2 Name	1.3 Age	1.4 Sex	1.5 Marital Status	1.6 Status (E.g. Student, worker)	1.7 Occupation	1.8 a)Location of work b)Transport	1.9 Disability
Family member 5 ()								
Family member 6 ()								
Family member 7 ()								
Family member 8 ()								
Family member 9 ()								
Family member 10 ()								
Family member 11 ()								

Family member 12 ()								
Family member 13 ()								
Family member 14 ()								

Option:

1.5 Marital status
[choose one]

- 1=Married
- 2=Living together not married
- 3=Widowed
- 4=Divorced
- 5=Separated
- 6=Single /never married

1.6 Status *[choose one]*

- 1=Employed full-time
- 2=Employed part-time
- 3=Looking for a job/unemployed
- 4=Unable to work-ill/elderly
- 5=Student
- 6=Housewife
- 7=Others

1.7 Occupation *[choose one]*

- 1= Farmer
- 2= Housewife
- 3= Casual Labourer / Odd Job
- 4= Wage Worker
- 5= Public Servant
- 6= Home Business, 7= Car Taxi, 8= Retired, 9=Others

1.8 a) Location *[choose one]*

- 1=Kyauktan, 2=Thanlyin
- 3=Yangon,4=Others

b) Transport

- 1=On foot, 2=Motorbike
- 3=Bicycle, 4=Motorbike taxi
- 5=Ferry bus,
- 6=Public Transport,
- 7=Others

1.9 Disability *[choose one]*

- 1= Sight
- 2= Hearing
- 3= Amputee
- 4= Mobility impaired
- 5= Mental illness
- 6= Others

QUESTIONS		ANSWER	
		Rice farming Cash crops Livestock Public servant Home business Other No job	Rice farming Cash crops Livestock Public servant Home business Other No job
2.2	<p>What is total MONTHLY household income last month in family?</p> <p><i>[Fill in the amount for each category and then TOTAL]</i></p>	<p><u>Categories and Amount (Kyat)</u></p> h) Crop/vegetable sales _____ i) Livestock/product sales _____ j) Salaries _____ k) Odd jobs/casual labour _____ l) Remittances _____ m) Home business _____ n) Other _____ <p style="text-align: right;">TOTAL : _____</p>	
2.3	<p>Please estimate your MONTHLY household expenditure on:</p>	<p><u>Food and Amount (Kyat)</u></p> a) Rice _____ b) Oils _____	

QUESTIONS		ANSWER	
	<i>[Fill in the amount for each category and then TOTAL]</i>	c) Milk _____ d) Sugar _____ e) Tea/coffee _____ f) Vegetables/ Meat/ fish _____ g) Other food _____ <u>Non-food and Amount (Kyat)</u> h) Fuel _____ i) Firewood _____ j) Betel leaf _____ k) Cigarette _____ l) Lottery _____ m) Alcohol _____ n) Electricity _____ o) Water _____ p) Transport for work _____ q) Telephone _____ r) Education _____ s) Health care _____ t) Donation (social welfare) _____ u) Clothes _____ v) Tax/Other _____ <p style="text-align: right;">TOTAL : _____</p>	
2.4	Does your household income allow you to save?	YES / NO	
2.5	If YES to 4.4, what do you do with the extra money?	1=Saving with bank/at home 2=Purchase livestock 3=Invest in business	_

QUESTIONS		ANSWER	
		4=Microfinance 5=Other	
2.6	Are you a member of a credit group?	YES / NO	_
2.7	<p>Did you borrow money in past 12 months?</p> <p>If YES, from whom? [Circle one]</p> <p>With how much % of interest?</p>	<p>YES / NO</p> <p><i>From whom?</i></p> <p>1=Bank; 2=Credit group; 3=Family/Relatives; 4=Friend, 5=Money lender ,6=Other</p> <p><i>How much interest (%)?</i></p> <p>()</p>	
2.8	If YES to 2.7, what was the main purpose for borrowing money?	Specify _____	
2.9	<p>How often and how much do/did you borrow (times per year) in past 12 months?</p> <p>If YES, when?</p> <p><i>[Circle one]</i></p>	<p>1 time / year</p> <p>2 times / year</p> <p>3 times / year</p> <p>4 or more times / year</p> <p><i>Hou much? () Kyats</i></p> <p><i>Which month? ()</i></p>	
2.10	<p>Have you made any investments in livelihood activities in past 12 months?</p> <p>If YES, when?</p>	<p>YES / NO</p> <p>if YES, when ()</p> <p>g) Land</p> <p>h) Equipment (e.g. farming, business etc)</p>	

QUESTIONS		ANSWER
	<i>[Circle one]</i>	i) Seeds or other inputs j) Livestock k) Open small shop l) Others

3. FOOD SECURITY

QUESTIONS		ANSWER	
3.1	Did you have food shortages in past 12 months? If YES, when?	YES / NO When? ()	
3.2	If YES to 3.2, in times of shortages, how did the household fill the gap? <i>[Record all mentioned]</i>	Specify _____ (E.g. Sold livestock; Sold household assets; Borrowed; Labour migration; Ate fewer meals etc)	
3.3	What was the main reason for food shortage/s?	1 = Drought 2 = Livestock shortage 3 = Land shortage 4 = Crop damage due to pests and disease 5 = No other income sources 6 = Other (specify)	<input type="checkbox"/>

4. HOUSING AND INFRASTRUCTURE CONDITION

QUESTIONS		ANSWER	
4.1	Do you own the house that you are currently living?	1 = Own house; 2 = Don't own; 3 = Rented house	_
4.2	Do you own another house anywhere else?	YES / NO	Specify where _____ _____ _____
4.3	What type of toilet do you use?	1=No toilet/open; 2=traditional latrine; 3=Improved latrine/septic tank (fly proof toilet)	_
4.4	If septic tank/fly prrof toilet, how do you manage when tank is full?	Specify _____	
4.5	Where do you get your drinking and cooking water?	1=Private well; 2=Collective well at relocation site; 3=collective well outside of relocation site; 4=River; 5=Rain water; 6=buying from Relocation Site, 7=buying outside Relocation Site, 8=Other (specify) _____	_
4.6	When you drink water, do you drink it directly or boil it before drinking or something else?	1=Drink directly, 2=Boil before drinking, 3=Filter before drinking	_
4.7	How long do you take to get/fetch water at current living place?	1=private well, 2=within 10min, 3=within 30min, 4=from 30min to 1hours, 5=more than 1hour, 6=buying	_
4.8	Is there standing water around your house after raining?	YES / NO	Specify _____ _____ _____
4.9	On rainy days, does the common drainage	YES / NO	If NO, what happens? _____

QUESTIONS		ANSWER	
	system function well around your house?		_____
4.10	Do you have electricity to your house?	YES / NO	If NO, what do you use (specify)_____ _____
4.11	If YES, what purpose do you use electricity?	1=Lighting, 2=Cooking, 3=TV/DVD, 4=Refrigerator, 5=Stereo, 6=Karaoke, 7=home business (sawing machine, freezer etc), 8=Others ()	
4.12	If YES to 6.10, do you always pay the electricity bill?	YES / NO	If NO, why _____ _____
4.13	Do you try to save use of electricity to minimise the bill?	YES / NO	
4.14	How do you find the road conditions at relocation site compare to current living place?	1=Better; 2=Same; 3=Worse, 4=Don't know If BETTER/WORSE, why_____	_
4.16	Do you feel safe/secure at your current house?	YES / NO	If NO, why not? _____ _____

5. OWNERSHIP OF MOVEABLE ASSETS

QUESTIONS		ANSWER	
5.1	What Household Assets do you have? <i>[Circle each asset owned and record no. of items]</i>	<u>Categories</u> a) Rice cooker b) Electric stove c) Iron d) Electric fan e) Fridge f) Inverter g) Small generator h) TV i) Phone j) Water pump k) Sewing machine l) Solar panel m) Battery n) Radio o) Washing machine p) Karaoke q) Others ()	<u>No. of Items</u> a) b) c) d) e) f) g) h) i) j) k) l) m) n) o) p) q)
5.2	What Other Assets do you have? <i>[Circle each asset owned and record no. of items]</i>	<u>Categories</u> a) Bicycle b) Motorbike c) Gondow (hand tractor) d) Tractor e) Car f) Other ()	<u>No. of Items</u> a) b) c) d) e) f)

6. EDUCATION AND HEALTHCARE

QUESTIONS		ANSWER	
EDUCATION			
6.1	How many school children do you have in your family?	TOTAL	_
6.2	Do all children above 5 years attend school? If NO, why not?	YES / NO	If NO, specify why _____ _____
6.3	Are there children who drop out of school? If YES, why and when?	YES / NO	If YES, specify why _____ when _____ _____
HEALTH & HEALTH CARE			
6.4	When you fall ill, how do you manage? (E.g. go to clinic hospital / self-treatment etc)	1=Go to health clinic; 2= Go to Hospital; 3=Self-treatment; 4=Traditional medicine; 5=Call Doctor to home, 6=Other (specify)	_
6.5	Was any member of your household affected by serious illness in the last 12 months?	YES / NO	If YES, specify illness _____ When _____

QUESTIONS		ANSWER	
8.4	Did you/ he/her get some skill/knowledge from the training?	YES / NO	
8.5	If you did not find a job / alternative income after training, what is the reason?	Specify _____ _____	
8.6	Are you interested in further vocation training opportunities, if any?	YES / NO	

9. COMMUNICATION AND SOCIAL NETWORKS

QUESTIONS		ANSWER	
9.1	How many social groups exist in your community?	YES / NO	How many? ()
9.2	If NO, do you think it needs to be formed?	YES / NO	
9.3	What are social activities in your community?	Specify _____	
9.4	How is the governmental /social activities' information shared? (through 10HHs/ 100HHs, village administrator etc)	1=100HHs/10HHs, 2=Village administrator, 3=Other governmental official, 4=NGOs, 5=CSOs, 6=Monk ,7=INGOs, 8=Others	a-Governmental information [] b-social activities []
9.5	When you have problem which can not be solved within family, who do you ask consultation/help? (100HHs, village administrators etc)	1=100HHs/10HHs, 2=Village administrator, 3=Other governmental official, 4=NGOs, 5=CSOs, 6=Monk ,7=INGOs, 8=Others	Answer[]
9.6	Is there any social relationship with neighbor? (having tea/chatting	YES / NO	If YES, what activities? (

QUESTIONS		ANSWER	
	together, for children to play together, playing karaoke together, watching video/TV together etc))

**Annex 4: Monitoring Sheet Household Survey (D):
for Host Community (Control Group)**

3rd EMS HH ID : _____ **Date of Interview :** _____ **Name of Interviewer :** _____

Baseline HH No. : _____ **Current HH No. :** _____ **Name of interviewee (Relationship with Household Head) :** _____

Location of living place (HH No./Name of Village/Ward) : _____ **Date to move in the current living place :** _____

1. FAMILY STRUCTURE / HOUSEHOLD CHARACTERISTICS

1.1 Relationship with HH Heads	1.2 Name	1.3 Age	1.4 Sex	1.5 Marital Status	1.6 Status (E.g. Student, worker)	1.7 Occupation	1.8 a)Location of work b)Transport	1.9 Disability
Household Head								
Family member 1 ()								
Family member 2 ()								

Family member 3 ()								
Family member 4 ()								
[ADD as required]								

Option:

1.5 Marital status
[choose one]

- 1=Married
- 2=Living together not married
- 3=Widowed
- 4=Divorced
- 5=Separated
- 6=Single /never married

1.6 Status [choose one]

- 1=Employed full-time
- 2=Employed part-time
- 3=Looking for a job/unemployed
- 4=Unable to work-ill/elderly
- 5=Student
- 6=Housewife
- 7=Others

1.7 Occupation [choose one]

- 1= Farmer
- 2= Housewife
- 3= Casual Labourer / Odd Job
- 4= Wage Worker
- 5= Public Servant
- 6= Home Business, 7= Car Taxi, 8= Retired, 9=Others

1.8 a) Location [choose one]

- 1=Kyauktan, 2=Thanlyin
- 3=Yangon,4=Others

b) Transport

- 1=On foot, 2=Motorbike
- 3=Bicycle, 4=Motorbike taxi
- 5=Ferry bus,
- 6=Public Transport,
- 7=Others

1.9 Disability [choose one]

- 1= Sight
- 2= Hearing
- 3= Amputee
- 4= Mobility impaired
- 5= Mental illness
- 6= Others

1. FAMILY STRUCTURE / HOUSEHOLD CHARACTERISTICS (CONTINUED.)

1.1 Relationship with HH Heads	1.2 Name	1.3 Age	1.4 Sex	1.5 Marital Status	1.6 Status (E.g. Student, worker)	1.7 Occupation	1.8 a)Location of work b)Transport	1.9 Disability
Family member 5 ()								
Family member 6 ()								
Family member 7 ()								
Family member 8 ()								
Family member 9 ()								
Family member 10 ()								
Family member 11 ()								
Family member 12								

()								
Family member 13 ()								
Family member 14 ()								

Option:

1.5 Marital status
[choose one]

- 1=Married
- 2=Living together not married
- 3=Widowed
- 4=Divorced
- 5=Separated
- 6=Single /never married

1.6 Status *[choose one]*

- 1=Employed full-time
- 2=Employed part-time
- 3=Looking for a job/unemployed
- 4=Unable to work-ill/elderly
- 5=Student
- 6=Housewife
- 7=Others

1.7 Occupation *[choose one]*

- 1= Farmer
- 2= Housewife
- 3= Casual Labourer / Odd Job
- 4= Wage Worker
- 5= Public Servant
- 6= Home Business, 7= Car Taxi, 8= Retired, 9=Others

1.8 a) Location *[choose one]*

- 1=Kyauktan, 2=Thanlyin
- 3=Yangon,4=Others

b) Transport

- 1=On foot, 2=Motorbike
- 3=Bicycle, 4=Motorbike taxi
- 5=Ferry bus,
- 6=Public Transport,
- 7=Others

1.9 Disability *[choose one]*

- 1= Sight
- 2= Hearing
- 3= Amputee
- 4= Mobility impaired
- 5= Mental illness
- 6= Others

1. FAMILY STRUCTURE / HOUSEHOLD CHARACTERISTICS (CONTINUED.)

QUESTIONS		ANSWER
1.10	What is the Total number of persons / members in your Household (including respondent)?	Male_____ Female_____ TOTAL _____
1.11	Is it a Female-Headed Household?	YES / NO
1.12	Is it headed by Elderly Person (over 65 years)?	YES / NO
1.13	If household head does not have job currently, what is reason?	1=Look for job (what type of job? []) 2=Retired 3=Sickness 4=Disability 5= Rely on parents/ children/ other family members
1.14	Is it difficult to find job opportunity around Myan Tharya (3)? What types of job exist around Myan Tharya (3)?	YES / NO , if YES, _____

2. LIVELIHOODS, INCOME AND EXPENDITURE

QUESTIONS		ANSWER	
2.1	What are main and secondary sources of income in family? <i>[Circle one each for main and secondary income sources]</i>	<u>Main Income</u> Odd job Wage worker	<u>Secondary Income</u> Odd job Wage worker

QUESTIONS		ANSWER	
		Rice farming Cash crops Livestock Public servant Home business Other No job	Rice farming Cash crops Livestock Public servant Home business Other No job
2.2	<p>What is total MONTHLY household income last month in family?</p> <p><i>[Fill in the amount for each category and then TOTAL]</i></p>	<p><u>Categories and Amount (Kyat)</u></p> a) Crop/vegetable sales _____ b) Livestock/product sales _____ c) Salaries _____ d) Odd jobs/casual labour _____ e) Remittances _____ f) Home business _____ g) Other _____ <p style="text-align: right;">TOTAL : _____</p>	
2.3	<p>Please estimate your MONTHLY household expenditure on:</p> <p><i>[Fill in the amount for each category and then TOTAL]</i></p>	<p><u>Food and Amount (Kyat)</u></p> a) Rice _____ b) Oils _____ c) Milk _____ d) Sugar _____ e) Tea/coffee _____ f) Vegetables/ Meat/ fish _____ g) Other food _____	

QUESTIONS		ANSWER	
		<p><u>Non-food and Amount (Kyat)</u></p> <p>h) Fuel _____</p> <p>i) Firewood _____</p> <p>j) Betel leaf _____</p> <p>k) Cigarette _____</p> <p>l) Lottery _____</p> <p>m) Alcohol _____</p> <p>n) Electricity _____</p> <p>o) Water _____</p> <p>p) Transport for work _____</p> <p>q) Telephone _____</p> <p>r) Education _____</p> <p>s) Health care _____</p> <p>t) Donation (social welfare) _____</p> <p>u) Clothes _____</p> <p>v) Tax/Other _____</p> <p style="text-align: right;">TOTAL : _____</p>	
2.4	Does your household income allow you to save?	YES / NO	
2.5	If YES to 4.4, what do you do with the extra money?	<p>1=Saving with bank/at home</p> <p>2=Purchase livestock</p> <p>3=Invest in business</p> <p>4=Microfinance</p> <p>5=Other</p>	<input type="checkbox"/>
2.6	Are you a member of a credit group?	YES / NO	<input type="checkbox"/>

QUESTIONS		ANSWER
2.7	<p>Did you borrow money in past 12 months?</p> <p>If YES, from whom? <i>[Circle one]</i></p> <p>With how much % of interest?</p>	<p>YES / NO</p> <p><i>From whom?</i></p> <p>1=Bank; 2=Credit group; 3=Family/Relatives; 4=Friend, 5=Money lender ,6=Other</p> <p><i>How much interest (%)?</i></p> <p>()</p>
2.8	<p>If YES to 2.7, what was the main purpose for borrowing money?</p>	<p>Specify</p> <p>_____</p>
2.9	<p>How often and how much do/did you borrow (times per year) in past 12 months?</p> <p>If YES, when?</p> <p><i>[Circle one]</i></p>	<p>1 time / year</p> <p>2 times / year</p> <p>3 times / year</p> <p>4 or more times / year</p> <p><i>Hou much?</i> () Kyats</p> <p><i>Which month?</i> ()</p>
2.10	<p>Have you made any investments in livelihood activities in past 12 months?</p> <p>If YES, when?</p> <p><i>[Circle one]</i></p>	<p>YES / NO</p> <p>if YES, when ()</p> <p>a) Land</p> <p>b) Equipment (e.g. farming, business etc)</p> <p>c) Seeds or other inputs</p> <p>d) Livestock</p> <p>e) Open small shop</p> <p>f) Others</p>

3. FOOD SECURITY

QUESTIONS		ANSWER	
3.1	Did you have food shortages in past 12 months? If YES, when?	YES / NO When? ()	
3.2	If YES to 3.2, in times of shortages, how did the household fill the gap? <i>[Record all mentioned]</i>	Specify _____ (E.g. Sold livestock; Sold household assets; Borrowed; Labour migration; Ate fewer meals etc)	
3.3	What was the main reason for food shortage/s?	1 = Drought 2 = Livestock shortage 3 = Land shortage 4 = Crop damage due to pests and disease 5 = No other income sources 6 = Other (specify)	_

4. HOUSING AND INFRASTRUCTURE CONDITION

QUESTIONS		ANSWER	
4.1	Do you own the house that you are currently living?	1=Own house; 2=Don't own; Rented house	_
4.2	If rented, how much rent per MONTH?	Amount Kyat _____ / month	

QUESTIONS		ANSWER	
4.3	Do you own another house anywhere else?	YES / NO	Specify where _____
4.4	What type of toilet do you use?	1=No toilet/open; 2=traditional latrine; 3=Improved latrine/septic tank	__
4.5	If septic tank/fly proof toilet, how do you manage when tank is full?	Specify _____	
4.6	Where do you get your drinking and cooking water?	1=Private well; 2=Collective well at relocation site; 3=collective well outside of relocation site; 4=River; 5=Rain water; 6=buying from Relocation Site, 7=buying outside Relocation Site, 8=Other (specify) _____	__
4.7	When you drink water, do you drink it directly or boil it before drinking or something else?	1=Drink directly, 2=Boil before drinking, 3=Filter before drinking	
4.8	How long do you take to get/fetch water?	1=private well, 2=within 10min, 3=within 30min, 4=from 30min to 1hours, 5=more than 1hour, 6=buying	
4.9	Is there standing water around your house after raining?	YES / NO	Specify _____ _____
4.10	On rainy days, does the common drainage system function well around your house?	YES / NO	If NO, what happens? _____
4.11	Do you have electricity to your house?	YES / NO	If NO, what do you use (specify) _____ _____

QUESTIONS		ANSWER	
4.12	If YES, what purpose do you use electricity?		1=Lighting, 2=Cooking, 3=TV/DVD, 4=Refrigerator, 5=Stereo, 6=Karaoke, 7=home business (sawing machine, freezer etc), 8=Others ()
4.13	If YES to 4.11, do you always pay the electricity bill?	YES / NO	Comments_____
4.14	Do you try to save use of electricity to minimise the bill?	YES / NO	Comments_____
4.15	How do you find the road conditions at relocation site compared to last year?	1=Better; 2=Same; 3=Worse If BETTER/WORSE, why_____	__
4.16	Do you feel safe/secure at your current house?	YES / NO	If NO, why not?_____
4.17	Do you have any positive/negative influence because of relocation site (or Control Group)?	Positive	
		Negative	

5. OWNERSHIP OF MOVEABLE ASSETS

QUESTIONS		ANSWER	
5.1	<p>What Household Assets do you have?</p> <p><i>[Circle each asset owned and record no. of items]</i></p>	<p><u>Categories</u></p> <p>a) Rice cooker b) Electric stove c) Iron d) Electric fan e) Fridge f) Inverter g) Small generator h) TV i) Phone j) Water pump k) Sewing machine l) Solar panel m) Battery n) Radio o) Washing machine p) Karaoke q) Others ()</p>	<p><u>No. of Items</u></p> <p>a) b) c) d) e) f) g) h) i) j) k) l) m) n) o) p) q)</p>
5.2	<p>What Other Assets do you have?</p> <p><i>[Circle each asset owned and record no. of items]</i></p>	<p><u>Categories</u></p> <p>a) Bicycle b) Motorbike c) Gondow (hand tractor) d) Tractor e) Car f) Other ()</p>	<p><u>No. of Items</u></p> <p>a) b) c) d) e) f)</p>

6. EDUCATION AND HEALTHCARE

QUESTIONS		ANSWER	
EDUCATION			
6.1	How many school children do you have in your family?	TOTAL	□
6.2	Do all children above 5 years attend school? If NO, why not?	YES / NO	If NO, specify why _____ _____
6.3	Are there children who drop out of school? If YES, why?	YES / NO	If YES, specify why _____ _____
6.4	Overall, are you satisfied with school that your children attend?	If YES, why _____ If NO, why _____	□
HEALTH & HEALTH CARE			
6.5	When you fall ill, how do you manage? (E.g. go to clinic/hospital/self-treatment etc)	1=Go to health clinic; 2= Go to Hospital; 3=Self-treatment; 4=Traditional medicine; 5=Call Doctor to home, 6=Other (specify)	□
6.6	Was any member of your household affected by serious illness in the last 12 months?	YES / NO	If YES, specify illness____ When_____

7. ENVIRONMENTAL CONDITIONS

QUESTIONS		ANSWER	
7.1	Are there any noise problems where you live that disturb you?	YES / NO If YES, Specify	
7.2	How do you manage when there are noise issues?	Specify_____	
7.3	Is there badsmell around your house? If Yes, where does it come from?	YES / NO	From where? _____
7.4	How do you manage when there are bad smell issues?	Specify_____	
7.5	Where do you dispose of your solid waste?	Specify_____	
7.6	Are there any environmental issues where you live? [List to top TWO issues]	1. _____ 2. _____	

8. COMMUNICATION AND SOCIAL NETWORKS

QUESTIONS		ANSWER	
8.1	How many social groups exist in your community / Myan tharya(3)?	YES / NO	How many? ()
8.2	If NO, do you think it needs to be formed?	YES / NO	
8.3	What are social activities in your community?	Specify_____	

QUESTIONS		ANSWER	
8.4	How is the governmental /social activities' information shared? (through 10HHs/ 100HHs, village administrator etc)	a-Governmental information [] b-social activities []	1=100HHs/10HHs, 2=Village administrator, 3=Other governmental official, 4=NGOs, 5=CSOs, 6=Monk ,7=INGOs, 8=Others
8.5	When you have problem which can not be solved within family, who do you ask consultation/help? (100HHs, village administrators etc)	Answer[]	1=100HHs/10HHs, 2=Village administrator, 3=Other governmental official, 4=NGOs, 5=CSOs, 6=Monk ,7=INGOs, 8=Others
8.6	Is there any social relationship with neighbor? (having tea/chatting together, for children to play together, playing karaoke together, watching video/TV together etc)	YES / NO	If YES, what activities? ()

**Annex 5: Monitoring Sheet Household Survey (E):
for people who living in relocation site (not PAPs)**

3rd EMS HH ID : _____ **Date of Interview :** _____ **Name of Interviewer :** _____

Baseline HH No. : _____ **Current HH No. :** _____ **Name of interviewee (Relationship with Household Head) :** _____

Location of living place (HH No./Name of Village/Ward) : _____ **Date to move in the current living place :** _____

1. FAMILY STRUCTURE / HOUSEHOLD CHARACTERISTICS

1.1 Relationship with HH Heads	1.2 Name	1.3 Age	1.4 Sex	1.5 Marital Status	1.6 Status (E.g. Student, worker)	1.7 Occupation	1.8 a)Location of work b)Transport	1.9 Disability
Household Head								
Family member 1 ()								
Family member 2 ()								

Family member 3 ()								
Family member 4 ()								
[ADD as required]								

Option:

1.5 Marital status
[choose one]

- 1=Married
- 2=Living together not married
- 3=Widowed
- 4=Divorced
- 5=Separated
- 6=Single /never married

1.6 Status [choose one]

- 1=Employed full-time
- 2=Employed part-time
- 3=Looking for a job/unemployed
- 4=Unable to work-ill/elderly
- 5=Student
- 6=Housewife
- 7=Others

1.7 Occupation [choose one]

- 1= Farmer
- 2= Housewife
- 3= Casual Labourer / Odd Job
- 4= Wage Worker
- 5= Public Servant
- 6= Home Business, 7= Car Taxi, 8= Retired, 9=Others

1.8 a) Location [choose one]

- 1=Kyauktan, 2=Thanlyin
- 3=Yangon,4=Others

b) Transport

- 1=On foot, 2=Motorbike
- 3=Bicycle, 4=Motorbike taxi
- 5=Ferry bus,
- 6=Public Transport,
- 7=Others

1.9 Disability [choose one]

- 1= Sight
- 2= Hearing
- 3= Amputee
- 4= Mobility impaired
- 5= Mental illness
- 6= Others

1. FAMILY STRUCTURE / HOUSEHOLD CHARACTERISTICS (CONTINUED.)

1.1 Relationship with HH Heads	1.2 Name	1.3 Age	1.4 Sex	1.5 Marital Status	1.6 Status (E.g. Student, worker)	1.7 Occupation	1.8 a)Location of work b)Transport	1.9 Disability
Family member 5 ()								
Family member 6 ()								
Family member 7 ()								
Family member 8 ()								
Family member 9 ()								
Family member 10 ()								
Family member 11 ()								

Family member 12 ()								
Family member 13 ()								
Family member 14 ()								

Option:

1.5 Marital status
[choose one]

- 1=Married
- 2=Living together not married
- 3=Widowed
- 4=Divorced
- 5=Separated
- 6=Single /never married

1.6 Status *[choose one]*

- 1=Employed full-time
- 2=Employed part-time
- 3=Looking for a job/unemployed
- 4=Unable to work-ill/elderly
- 5=Student
- 6=Housewife
- 7=Others

1.7 Occupation *[choose one]*

- 1= Farmer
- 2= Housewife
- 3= Casual Labourer / Odd Job
- 4= Wage Worker
- 5= Public Servant
- 6= Home Business, 7= Car Taxi, 8= Retired, 9=Others

1.8 a) Location *[choose one]*

- 1=Kyauktan, 2=Thanlyin
- 3=Yangon,4=Others

b) Transport

- 1=On foot, 2=Motorbike
- 3=Bicycle, 4=Motorbike taxi
- 5=Ferry bus,
- 6=Public Transport,
- 7=Others

1.9 Disability *[choose one]*

- 1= Sight
- 2= Hearing
- 3= Amputee
- 4= Mobility impaired
- 5= Mental illness
- 6= Others

1. FAMILY STRUCTURE / HOUSEHOLD CHARACTERISTICS (CONTINUED)

QUESTIONS		ANSWER
1.10	What is the Total number of persons / members in your Household (including respondent)?	Male _____ Female _____ TOTAL _____
1.11	Is it a Female-Headed Household?	YES / NO
1.12	Is it headed by Elderly Person (over 65 years)?	YES / NO
1.13	If household head does not have job currently, what is reason?	1=Look for job (what type of job? []) 2=Retired 3=Sickness 4=Disability 5= Rely on parents/ children/ other family members
1.14	Is it difficult to find job opportunity around Myan Tharya (3)? What types of job exist around Myan Tharya (3)?	YES / NO , _____

2. LIVELIHOODS, INCOME AND EXPENDITURE

QUESTIONS		ANSWER	
2.1	What are main and secondary sources of income in family? <i>[Circle one each for main and secondary income sources]</i>	<u>Main Income</u>	<u>Secondary Income</u>
		Odd job Wage worker	Odd job Wage worker

QUESTIONS		ANSWER	
		Rice farming Cash crops Livestock Public servant Home business Other No job	Rice farming Cash crops Livestock Public servant Home business Other No job
2.2	<p>What is total MONTHLY household income last month in family?</p> <p><i>[Fill in the amount for each category and then TOTAL]</i></p>	<p><u>Categories and Amount (Kyat)</u></p> a) Crop/vegetable sales _____ b) Livestock/product sales _____ c) Salaries _____ d) Odd jobs/casual labour _____ e) Remittances _____ f) Home business _____ g) Other _____ <p style="text-align: right;">TOTAL : _____</p>	
2.3	<p>Please estimate your MONTHLY household expenditure on:</p> <p><i>[Fill in the amount for each category and then TOTAL]</i></p>	<p><u>Food and Amount (Kyat)</u></p> a) Rice _____ b) Oils _____ c) Milk _____ d) Sugar _____ e) Tea/coffee _____ f) Vegetables/ Meat/ fish _____ g) Other food _____	

QUESTIONS		ANSWER	
		<p><u>Non-food and Amount (Kyat)</u></p> <p>h) Fuel _____</p> <p>i) Firewood _____</p> <p>j) Betel leaf _____</p> <p>k) Cigarette _____</p> <p>l) Lottery _____</p> <p>m) Alcohol _____</p> <p>n) Electricity _____</p> <p>o) Water _____</p> <p>p) Transport for work _____</p> <p>q) Telephone _____</p> <p>r) Education _____</p> <p>s) Health care _____</p> <p>t) Donation (social welfare) _____</p> <p>u) Clothes _____</p> <p>v) Tax/Other _____</p> <p style="text-align: right;">TOTAL : _____</p>	
2.4	Does your household income allow you to save?	YES / NO	
2.5	If YES to 4.4, what do you do with the extra money?	1=Saving with bank/at home 2=Purchase livestock 3=Invest in business 4=Microfinance 5=Other	_
2.6	Are you a member of a credit group?	YES / NO	_

QUESTIONS		ANSWER
2.7	<p>Did you borrow money in past 12 months?</p> <p>If YES, from whom? <i>[Circle one]</i></p> <p>With how much % of interest?</p>	<p>YES / NO</p> <p><i>From whom?</i></p> <p>1=Bank; 2=Credit group; 3=Family/Relatives; 4=Friend, 5=Money lender ,6=Other</p> <p><i>How much interest (%)?</i></p> <p>()</p>
2.8	<p>If YES to 2.7, what was the main purpose for borrowing money?</p>	<p>Specify</p> <p>_____</p>
2.9	<p>How often and how much do/did you borrow (times per year) in past 12 months?</p> <p>If YES, when?</p> <p><i>[Circle one]</i></p>	<p>1 time / year</p> <p>2 times / year</p> <p>3 times / year</p> <p>4 or more times / year</p> <p><i>Hou much?</i> () Kyats</p> <p><i>Which month?</i> ()</p>
2.10	<p>Have you made any investments in livelihood activities in past 12 months?</p> <p>If YES, when?</p> <p><i>[Circle one]</i></p>	<p>YES / NO</p> <p>if YES, when ()</p> <p>a) Land</p> <p>b) Equipment (e.g. farming, business etc)</p> <p>c) Seeds or other inputs</p> <p>d) Livestock</p> <p>e) Open small shop</p> <p>f) Others</p>

3. FOOD SECURITY

QUESTIONS		ANSWER	
3.1	Did you have food shortages in past 12 months? If YES, when?	YES / NO When? ()	
3.2	If YES to 3.2, in times of shortages, how did the household fill the gap? [Record all mentioned]	Specify _____ (E.g. Sold livestock; Sold household assets; Borrowed; Labour migration; Ate fewer meals etc)	
3.3	What was the main reason for food shortage/s?	1 = Drought 2 = Livestock shortage 3 = Land shortage 4 = Crop damage due to pests and disease 5 = No other income sources 6 = Other (specify)	__

4. HOUSING AND INFRASTRUCTURE CONDITION

QUESTIONS		ANSWER	
4.1	Do you own the house that you are currently living?	1=Own house; 2=Don't own; 3=Rented house	__
4.2	If rented, how much rent per MONTH?	Amount Kyat _____ / month	

QUESTIONS		ANSWER	
4.3	Do you own another house anywhere else?	YES / NO	Specify where _____
4.4	What type of toilet do you use?	1=No toilet/open; 2=traditional latrine; 3=Improved latrine/septic tank (fly proof toilet)	_
4.5	If septic tank/fly prrof toilet, how do you manage when tank is full?	Specify _____	
4.6	Where do you get your drinking and cooking water?	1=Private well; 2=Collective well at relocation site; 3=collective well outside of relocation site; 4=River; 5=Rain water; 6=buying from Relocation Site, 7=buying outside Relocation Site, 8=Other (specify) _____	_
4.7	When you drink water, do you drink it directly or boil it before drinking or something else?	1=Drink directly, 2=Boil before drinking, 3=Filter before drinking	
4.8	Is there standing water around your house after raining?	YES / NO	Specify _____ _____
4.9	On rainy days, does the common drainage system function well around your house?	YES / NO	If NO, what happens? _____ _____ —
4.10	Do you have electricity to your house?	YES / NO	If NO, what do you use (specify) _____ _____
4.11	If YES, what purpose do you use electricity?		1=Lighting, 2=Cooking, 3=TV/DVD, 4=Refrigerator,

QUESTIONS		ANSWER	
			5=Stereo, 6=Karaoke, 7=home business (sawing machine, freezer etc), 8=Others ()
4.12	If YES to 4.10, do you always pay the electricity bill?	YES / NO	Comments_____
4.13	Do you try to save use of electricity to minimise the bill?	YES / NO	Comments_____
4.14	How do you find the road conditions at relocation site (compare to the previous living place)?	1=Better; 2=Same; 3=Worse If BETTER/WORSE, why_____	_
4.15	Do you feel safe/secure at your current house?	YES / NO	If NO, why not?_____
4.16	How did you find the house to live in relocation site? (introduced by anyone?)	1=Real estate agent 2=Friend 3=Family/relatives 4=Others	_
4.17	Why did you decide to rent/live house in relocation site?	1=Good condition in infrastructure(water, electricity,road,toilet, kitchen)	_

QUESTIONS		ANSWER	
		2=Near the previous living condition 3=Good location (neat main road, near school, near clinic, other public facilities) 4=Recommended by Friend/family 5=Near working place 6=Others []	

5. OWNERSHIP OF MOVEABLE ASSETS

QUESTIONS	ANSWER
-----------	--------

5.1	<p>What Household Assets do you have?</p> <p><i>[Circle each asset owned and record no. of items]</i></p>	<p><u>Categories</u></p> <p>a) Rice cooker b) Electric stove c) Iron d) Electric fan e) Fridge f) Inverter g) Small generator h) TV i) Phone j) Water pump k) Sewing machine l) Solar panel m) Battery n) Radio o) Washing machine p) Karaoke q) Others ()</p>	<p><u>No. of Items</u></p> <p>a) b) c) d) e) f) g) h) i) j) k) l) m) n) o) p) q)</p>
5.2	<p>What Other Assets do you have?</p> <p><i>[Circle each asset owned and record no. of items]</i></p>	<p><u>Categories</u></p> <p>a) Bicycle b) Motorbike c) Gondow (hand tractor) d) Tractor e) Car f) Other ()</p>	<p><u>No. of Items</u></p> <p>a) b) c) d) e) f)</p>

6. EDUCATION AND HEALTHCARE

QUESTIONS		ANSWER	
EDUCATION			
6.1	How many school children do you have in your family?	TOTAL	<input type="text"/>
6.2	Do all children above 5 years attend school? If NO, why not?	YES / NO	If NO, specify why _____
6.3	Are there children who drop out of school? If YES, why?	YES / NO	If YES, specify why _____
6.4	Overall, are you satisfied with school that your children attend?	If YES, why _____ If NO why _____	<input type="text"/>
HEALTH & HEALTH CARE			
6.5	When you fall ill, how do you manage? (E.g. go to clinic hospital / self-treatment etc)	1=Go to health clinic; 2= Go to Hospital; 3=Self-treatment; 4=Traditional medicine; 5=Call Doctor to home, 6=Other (specify)	<input type="text"/>
6.6	Was any member of your household affected by serious illness in the last 12 months?	YES / NO	If YES, specify illness__ When_____

7. ENVIRONMENTAL CONDITIONS

QUESTIONS		ANSWER
7.1	Are there any noise problems where you live that disturb you?	YES / NO If YES, Specify
7.2	How do you manage when there are noise issues?	Specify_____

QUESTIONS		ANSWER	
7.3	Is there bad smell around your house relocation site? If Yes, where does it come from?	YES / NO	From where?
7.4	How do you manage when there are bad smell issues?	Specify_____	
7.5	Where do you dispose of your solid waste?	Specify_____	
7.6	Are there any environmental issues where you live? [List to top TWO issues]	1. _____ 2. _____	

8. COMMUNICATION AND SOCIAL NETWORKS

QUESTIONS		ANSWER	
8.1	How many social groups exist in your community / Myaing Tharya(3)?	YES / NO	How many? ()
8.2	If NO, do you think it needs to be formed?	YES / NO	
8.3	What are social activities in your community?	Specify_____	
8.4	How is the governmental /social activities' information shared? (trough 10HHs/ 100HHs, village administrator etc)	a-Governmental information [] b-social activities []	1=100HHs/10HHs, 2=Village administrator, 3=Other governmental official, 4=NGOs, 5=CSOs, 6=Monk ,7=INGOs, 8=Others

QUESTIONS		ANSWER	
8.5	<p>When you have problem which can not be solved within family, who do you ask consultation/help? (100HHs, village administrators etc)</p> <p>(a) problem in society, security, (b) infrastructure at relocation site,</p>	Answer[]	<p>1=100HHs/10HHs, 2=Village administrator, 3=Other governmental official, 4=NGOs, 5=CSOs, 6=Monk ,7=INGOs, 8=Others</p>
8.6	<p>Is there any social relationship with neighbor? (having tea/chatting together, for children to play together, playing karaoke together, watching video/TV together etc)</p>	YES / NO	If YES, what activities? ()
8.7	<p>How many households do you know friendly at relocation site?</p>	() HHs	

Annex 6: List of Respondents for PAPs living at the RS (A) to be surveyed and actually surveyed

To be provided later

Annex 7: List of Respondents for PAPs who sold/rented house at Relocation Site (B) to be surveyed and actually surveyed

To be provided later

Annex 8: List of Respondents for PAPs only economically displaced (C) to be surveyed and actually surveyed

To be provided later

Annex 9: List of Respondents for Host Community (D) to be surveyed and actually surveyed

To be provided later

Annex 10 : List of Respondents living at Relocation Site as New Owners/Renters (E) (not PAPs) to be surveyed and actually surveyed

To be provided later