Monthly Report
Monitoring and Evaluation of the Reconstruction Activities

Poush 2076
(A field based Monitoring Report Prepared by Monitoring and Evaluation Consultants from 14 affected Districts and CLPIU Central)

Submitted to

National Reconstruction Authority
Central Level Project Implementation Unit (Building)
Earthquake Housing Reconstruction Project (ERHP)
Babarmahal, Kathmandu
### Abbreviations

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<thead>
<tr>
<th>Abbreviation</th>
<th>Full Form</th>
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<tr>
<td>ASE</td>
<td>Assistant Sub Engineer</td>
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<tr>
<td>CLPIU</td>
<td>Central Level Project Implementation Unit</td>
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<td>CS</td>
<td>Census Survey</td>
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<td>DPD</td>
<td>Deputy Project Director</td>
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<td>DSE</td>
<td>District Support Engineer</td>
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<td>Er</td>
<td>Engineer</td>
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<td>ERHP</td>
<td>Earthquake Housing Reconstruction Project</td>
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<td>GMALI</td>
<td>Grant Management and Local Infrastructure</td>
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<td>GOs</td>
<td>Government Organizations</td>
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<td>HHS</td>
<td>House Holds</td>
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<td>HRRP</td>
<td>Housing Reconstruction and Recovery Platform</td>
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<td>INGO</td>
<td>International Non-Government Organization</td>
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<td>M &amp; E</td>
<td>Monitoring and Evaluation</td>
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<tr>
<td>MIS</td>
<td>Management Information System</td>
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<tr>
<td>MoFALD</td>
<td>Ministry of Federal Affairs and Local Development</td>
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<td>MOUD</td>
<td>Ministry of Urban Development</td>
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<td>MR</td>
<td>Minimum Requirements</td>
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<td>MTtoT</td>
<td>Master Training of Trainers</td>
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<td>MM</td>
<td>Mobile Mason</td>
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<td>NBC</td>
<td>National Building Code</td>
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<td>NGO</td>
<td>Non-Government Organization</td>
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<td>NRA</td>
<td>National Reconstruction Authority</td>
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<td>NRCS</td>
<td>Nepal Red Cross Society</td>
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<td>NSET</td>
<td>National Society for Earthquake Technology</td>
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<td>OJT</td>
<td>on the Job Training</td>
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<td>PAF</td>
<td>Poverty Alleviation Fund</td>
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<td>PD</td>
<td>Project Director</td>
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<td>Project Operational Manual</td>
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<td>PoS</td>
<td>Partner Organizations</td>
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<td>REC</td>
<td>Retrofitting Technique and Correction/ Exception</td>
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<td>SE</td>
<td>Sub Engineer</td>
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<td>SeE</td>
<td>Senior Engineer</td>
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<td>SOPs</td>
<td>Standard Operational Procedures</td>
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<td>SM</td>
<td>Social Mobilisers</td>
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<td>TCN</td>
<td>Training Center Nepal</td>
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<td>ToR</td>
<td>Terms and References</td>
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<td>ToT</td>
<td>Training of Trainers</td>
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<td>TSP</td>
<td>Training Service Provider</td>
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<td>VDCs</td>
<td>Village Development Committees</td>
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Executive Summary
In most affected 14 Districts, out of 724,507 beneficiaries 683,627 (94.36%) has made contract agreement and first, second and third tranche is received by 676105 (93.32%), 562383 (77.62%) and 486,130 (67.10%) beneficiaries respectively. Similarly, out of total 64,934 retrofit beneficiaries only 34,451 (53.05%) have made contract agreement, 34,135 (52.56%) have received first tranche and only 33 (0.05%) have received second tranche.

To accelerate the rate of reconstruction and retrofitting, follow up Meetings with Engineers, Observation of private housing, Coordination meeting in District DCC, Meeting with Palikas Representatives, Coordination meeting with POs, Observation POs Activities were done by M & E Consultants in different earthquake affected Districts were carried out.

The major activities which will play vital role for the effective reconstruction/retrofit as well as the capacity development of reconstruction human resoueces performed by M & E Consultants this month were as follows:

- Organized and participated in several Palika/Ward level meetings related to awareness creating about Retrofitting.
- Coordination and communication for Retrofitting Data and Individual Beneficiary reconstruction status data collection from ward level
- Organized meetings several times for hire and management of socio technical assistance team and to develop training curriculum.
- Continued the joint monitoring of private housing, training activities, inspection digitization, and the reconstruction activities of POs with HRRP in the districts.
- Follow up of Engineers for the progress of third inspection, inspection digitization and completion certificate.
- Participated in the different meetings related to MIS Issues, vulnerable support working group, retrofitting and Socio Technical Support.

The detailed districtwise activity reports are presented in this monthly report as per the observations, case studies and interactions with Engineers and benefesaries. Though the progress of reconstruction is very good and peoples are aware towards safer and better reconstruction of houses but the retrofitting is not going well as per expectation.

1. INTRODUCTION
1.1 Background
National Reconstruction Authority through Central Level Project Implementation Unit (Building) stationed at Babarmahal, Kathmandu is working through its District Level Project Implementation Unit (DLPIU) in inspection and certification of rural and urban housing built through owner driven approach and built back better concept, training mason and house owner and technician about earthquake Resistant Technology and supported at field level for safer construction. To regularize
the project there are DLPIU Engineers, Consultants and many more Partner Organizations to implement the Reconstruction activities very promptly.

CLPIU hired Monitoring and Evaluation Consultants one in Central and one for each two earthquake affected districts through Earthquake Housing Reconstruction Project (ERHP). The main function of Monitoring and Evaluation Consultants are to do the regular monitoring of all the activities of reconstruction and report to respective DLPIU and CLPIU regularly. The consultants will make monthly Work Plan and perform the activities accordingly and prepare the monthly report in line with Work Plan.

1.2 Objectives
The main objective of the assignment is to monitor and evaluate the training activities conducted by the CLPIU, DLPIUs and Other Partner Organization in earthquake affected districts as well as support NRA in monitoring and evaluation of owner driven housing constructed in affected district of NRA-CLPIU EHRP program. Except this other specific objectives are to:

- Support NRA-DLPIU for collection, consolidating report to NRA, NRA-CLPIU and other concerned agency for data, information related with owner driven housing construction, training activities.
- Support NRA-CLPIU/DLPIU in various activities as per POM and standard SOPs related with housing construction and Training activities.
- Support technical work such as reviewing M&E methods, carrying out training needs, designing M&E tools and advising M&E technical assistance.
- Monitor project progress through field visit, offer feedback and keep regular communication with related field and Centre level staff.

2. ACTIVITIES PLANNED

2.1 Activities That Were Planned For Poush
The following activities were planned for the month of Poush

2.1.1 Central/Dolakha and Ramechhap Districts
Poush 01-02 Field visit Chitawan and Makawanpur.

Poush 03-05 Daily work in CLPIU, Preparation of Monthly report of Mangsir 076 and monthly plan of Poush 076.

Poush 06-11 Daily work in CLPIU, Telephonic communication with M & E Consultants-Districts and Technicians of Dolakha and Ramechhap Districts. Follow up Engineers activity, Inspection Digitization, Data collection in Dolakha and
Ramechhap Districts. Meeting with World Bank for preparation of STA Training.

Poush 13-18  Field visit Dolakha and Ramechhap.
Poush 20-25  Daily work in CLPIU
Poush 27-29  Daily work in CLPIU, Preparation of Monthly Report

2.1.2 Sindhuli and Okhaldhunga Districts
Poush 1-5  Sindhuli District
Poush 6-12  Sindhuli District
Poush 13-19  Okhaldhunga District
Poush 20-29  Okhaldhunga District

2.1.3 Sindhupalchowk, Kavrepalanchowk and Bhakatpur District
Poush 1-2  Working in DLPIU office of Sindhupalchok District.
Poush 3-4  Monitoring of Reconstruction activities in Chautara Municipality.
Poush 6  Working in DLPIU office of Sindhupalchok District.
Poush 7-8  Monitoring of Reconstruction activities in Bahrabishe Municipality.
Poush 9-11  Monitoring of Reconstruction activities in Bhotekoshi Rural- Municipality.
Poush 13-14  Working in DLPIU office of Kavrepalanchok District.
Poush 15-16  Monitoring of Reconstruction activities in Panauti Municipality.
Poush 17-18  Monitoring of Reconstruction activities in Namobudha Municipality.
Poush 22-23  Working in DLPIU office, Bhaktapur.
Poush 24  Monitoring of Reconstruction activities in Madhyapur Municipality.
Poush 25  Monitoring of Reconstruction activities in Bhaktapur Municipality.
Poush 27  Monitoring of Reconstruction activities in ChanguNarayan Municipality.
Poush 28  Monitoring of Reconstruction activities in Suryabinayak Municipality.
Poush 29  Working in DLPIU office, Bhaktapur.

2.1.4 Kathmandu, Lalitpur and Makawanpur Districts
Poush 1-5  Attend and manage TOT on earthquake resistant building for engineers at Makawanpur
Poush 6-9  Attend review meeting at Makawanpur district
Poush 10-11 Working at CLPIU, Discussion with Project Director, Deputy Director and Team leader

Poush 13-14 Working at DLPIU Lalitpur, review of progress, telephonic conversation with engineers and ward chairs

Poush 15-18 Working at DLPIU Kathmandu, review of progress, meeting with DLPIU chief, district support engineer Telephonic conversation with engineers and ward chairs.

Poush 20-25 Field visit at Makawanpur district, Bakiya, Bagmati, Makwanpurgadhi and Manahari (Palika level)

Poush 27-29 Review of progress of all district, reporting and meeting with DLPIU chiefs and formulation of plans for Next month.

2.1.5 Nuwakot and Rasuwa Districts

Poush 1 Preparation of monthly report

Poush 2 Meeting with Palika Focal Engineers of Nuwakot in DLPIU

Poush 3-4 Phone Conversations with E/SE/ASE of Nuwakot and Rasuwa regarding field issues and monthly target.

Poush 6-8 Field Visit to Shivapuri R.M., Nuwakot

Poush 9-11 Field Visit to Likhu R.M., Nuwakot

Poush 13-15 Field Visit to Tarkeshwor R.M., Nuwakot

Poush 16-18 Phone Conversations with E/SE/ASE of Nuwakot and Rasuwa regarding field issues and monthly target.

Poush 20-22 Field Visit to Uttargaya R.M., Rasuwa

Poush 23-25 Field Visit to Kalika R.M., Rasuwa

Poush 27-28 Meeting with WB-TPMA in Nuwakot about monthly findings, as well as follow-up of corrections recommended

Poush 29 Follow-up with E/SE/ASE on various issues

2.1.6 Dhading and Gorakha Districts

Poush 1-5 Joint monitoring with HRRP of Reconstruction Activities in Tripura Sundari and Nilkitha & Dhunibeshi RM Dhading.

Poush 6-7 Contacts and follow up of DLPIU E/SE/ASE in Gorkha & Dhading

Poush 8 Working at CLPIU & Participation in the Monthly meeting

Poush 9-11 Meeting with UNDP/NHRP/HRRP Team in Gorkha

Poush 13-14 Monitoring & Facilitation of Mobil Mason Training in the Gorkha District.
Poush 15-18 Joint monitoring with HRRP of Reconstruction Activities in Ajirkot and Vimsen Thapa RM Gorkha.
Poush 22-26 Joint monitoring with HRRP of Reconstruction Activities in Khaniyabash and Jwalamukhi RM Dhading.
Poush 27-28 Meeting with DLPIU / NRA/ Update Reconstruction activities in the Dhading.

2.2 Activities Planned For Magh
The following activities are planned for the month of Magh, 2076 at center and District level.

2.2.1 Central/Dolakha and Ramechhap Districts
Regular activities of M & E Consultant (Central) is to perform day to day activities in CLPIU, regular contact with M & E Consultant (Districts) to update their activities in the district and attained the meeting related to M & E in CLPIU, NRA and other POs. The Specific activities for Magh 2076 are as follows:

Magh 05-10 Daily work in CLPIU, Calculation and review of evaluation of Technicians. Planning and Preparation for STA Training.
Magh 12-17 Daily work in CLPIU, Telephonic communication with M & E Consultants-Districts and Technicians of Dolakha and Ramechhap Districts.
Magh 19-24 Field visit in STA Training Districts.
Magh 26-29 Daily work in CLPIU, Follow up Engineers activity, Inspection Digitization, Data collection in Dolakha and Ramechhap Districts.

2.2.2 Sindhuli and Okhaldhunga Districts

Magh 01-14 Sindhuli District
Magh 15-29 Okhaldhunga District

Monitoring the presence of E/SE/ASE monitoring the presence of E/SE/ASE monitoring & co-ordination meeting in Rural Municipality/Municipality & coordination meeting in respective Districts and Update MIS Data & CS Entry and also monitoring of POs activities, third inspection digitization also assist DLPIU for retrofitting data collection works.

2.2.3 Sindhupalchok, Kavrepalanchowk and Bhaktapur Districts

Magh 1 Working in DLPIU office of Bhaktapur District.
2.2.4 Kathmandu, Lalitpur and Makawanpur Districts

Magh 01-05  Kathmandu District, Review progress, organize meeting with DLPIU chief, DSE and focal persons

Magh 06-10  Field visit at Kathmandu Metropolitan

Magh 12-13  Review of progress, organize meeting with DLPIU chief, DSE and Focal persons at Lalitpur district

Magh 14-15  Field visit at Lalitpur metropolitan

Magh 16-17  Field visit at Konjymsom R.M.

Magh 19-20  Working at DLPIU Makwanpur, review of progress, meeting with DLPIU chief, district support engineer, Telephonic conversation with engineers and ward chairs.

Magh 21-23  At DLPIU Lalitpur

Magh 24-27  Field visit at Manahari R.M. Makwanpur

Magh 28-29  Field visit at Bagmati R.M. Makwanpur

2.2.5 Nuwakot and Rasuwa Districts

Magh 1  Preparation of monthly plan and field reports

Magh 2  Attend program of Earthquake Safety Day and preparation of monthly report

Magh 3-5  Field Visit to Panchakanya R.M., Nuwakot
Magh 6  Phone Conversations with E/SE/ASE of Nuwakot and Rasuwa regarding field issues
Magh 7  Phone Conversations with E/SE/ASE of Nuwakot and Rasuwa regarding caseload, backlog and CS Entry
Magh 8-10 Field Visit to Tarkeshwor R.M., Nuwakot for meeting with retrofitting beneficiaries
Magh 12 Move to DLPIU Rasuwa
Magh 13-16 Field Visit to Uttargaya and Kalika R.M., Rasuwa
Magh 17 Meeting in DLPIU with Palika focal Engineers
Magh 19 Follow-up and phone conversations about retrofitting beneficiary status
Magh 20-24 Field Visit to Belkotgadi Municipality and meeting with retrofitting beneficiaries
Magh 26 Meeting with WB-TPMA in Nuwakot about monthly findings, as well as follow-up of corrections recommended
Magh 27-29 Follow-up with E/SE/ASE on various issues, Preparation of monthly reports

2.2.6 Dhading and Gorakha Districts
Magh 1-3 Joint monitoring with HRRP of Reconstruction Activities in Benighat-Rorang & Jwalamukhi RM. of Dhading and Palungtar & Gorkha Municipality of Gorkha District.
Magh 5-7 Contacts and follow up of DLPIU E/SE/ASE in Gorkha & Dhading
Magh 8-10 Working at CLPIU & Participation in the Monthly meeting
Magh 12-13 Meeting with NSET/ICDC/PIN/CSRC/HRRP Team in Dhading District
Magh 14-17 Monitoring & Facilitation of Retrofitting Training in the Dhading District.
Magh 19-21 Joint monitoring with HRRP of Reconstruction Activities in Ajirkot, Dharche and Vimsen Thapa RM Gorkha.
Magh 26-27 joint monitoring with HRRP of Reconstruction Activities in Khaniyabash and Netrawati,Galchi & Thakree RM. Dhading.
Magh 28 Meeting with DLPIU / NRA/ Update Reconstruction activities in the Dhading.
3. ACTIVITIES PERFORMED IN DETAIL

Depending upon the need basis and the different conditions the planning may not apply fully. Activities performed are some different from the planned activities in Districts. The following specific activities have been performed by the M & E Consultants in coordination with CLPIU and respective DLPIUs:

3.1 Central/Dolakha and Ramechhap Districts

M & E Consultant (Central) has performed day to day activities in CLPIU, regular contact with M & E Consultants (Districts) to update their activities in the districts and attended the meeting related to M & E and training in CLPIU, NRA and other POs. The Specific activities performed were as follows:

- Review on the hiring process of Social Mobilizer and Mobile Masons. Finalization of ToR along with planning for recruitment process and timeframe.
- Participated in meeting for development of training curriculum for STA team (Social Mobilizer and Mobile Mason).
- Participated in preparation of STA training Curriculum and training materials.
- Preparation of Training curriculum and training material for Mobile Mason Training.
- Participated in ToT to Engineers in ‘homes accessible to all’.
- Preparation of STA team Training budget and training Planning.
- Planning for preparation of mobile application for field level data collection by Social Mobilizers.
- Field Visit to Makawanpur and Chitawan District.
- Attended several Meetings with different POs at CLPIU.
- Regular Telephonic Communication with DLPIU Team (DLPIU Chief, Focal Engineer, Engineers, DSE and MIS Officer) of Dolakha and Ramechhap districts and update in Reconstruction
- Field visit Chitawan and Makawanpur Districts. (Field visit with Project Director CLPIU-Building) Opening and Handover of Galkot Ashram, Devaghat. Opening of ToT at Makawanpur. Meeting with DLPIU team.
- Preparation of monthly Report of Poush and monthly plan for Magh.
3.2 District: Sindhuli and Okhaldhunga
Framework: Inspection and certification of rural and urban Housing built through owner driven approach with built back better concept.

Activity 1: Field Visit with NRA Central Team, GMALI, DLPIU (Building) and meeting in Kamalamai Municipality ward no. 8, 9, 10, Sindhuli
Field visit team: M&E Specialist, District Support Engineer, Focal Person(DLPIU Building), DLPIU(Engineer), Ward Chairpersons, Ward Secretary, Beneficiaries

Meeting with Ward Chairperson and Technicians
- Discussion about Technicians presence in working area
- Discussion about the importance of Construction Completion Certificate and inspection digitization; and support from ward level
- Discussion about Support in PA Digitization
- Discussion about the data collection of re-construction status in ward level
- Discussion about retrofitting’s progress in each wards
- Distribution of Completion certificates in each wards.
- Observation of more than 2 Non–Compliance buildings and interaction with beneficiaries which were constructed before presence of field Technician in the field
- Observation of Correction made buildings.

Issues:
- Discussion about the Elani Land and Permanent Land, Geotechnical study for Permanent Land to reconstruct house.
- For retrofitting progress, visualization documents presentation are necessary in each wards or in Rural Municipality.
- Beneficiaries are found interested if change the beneficiaries list from retrofitting to reconstruction.
- RS/RV data results waiting to construct the houses.

Activity 2: Field Visit with NRA Central Team, GMALI, DLPIU(Building)and meeting in Dudhauli Municipality ward no. 1,2 & 3,Sindhuli

Field visit team: M&E Specialist, District Support Engineer, Focal Person(DLPIU Building), DLPIU(Engineer), Ward Chairpersons, Ward Secretary, Beneficiaries

Meeting with Ward Chairperson and Technicians
- Discussion about Technicians presence in working area
- Discussion about the importance of Construction Completion Certificate and inspection digitization on; and support from ward level
- Discussion about Support in PA Digitization
- Discussion about the data collection of re-construction status in ward level
• Distribution of Completion certificates in each wards.
• Discussion about the retrofitting’s progress in each ward
• Observation of 3 Non-Compliance buildings about BMC, SMM houses.
• Observation of the retrofitted Timber Structure and SMM houses.
• Observation of Correction made buildings.

Issues and findings of Dudhauri Municipality:
• Discussion about the Elani Land and Permanent Land, Geotechnical study for Permanent Land to reconstruct house.
• For retrofitting progress, visualization documents presentation are necessary in each wards or in Rural Municipality.
• Beneficiaries are found interested if change the beneficiaries list from retrofitting to reconstruction.
• RS/RV data results waiting to construct the houses.

Activity 3: Field Visit with NRA Central Team, GMALI, DLPIU(Building) and meeting in Marin Rural Municipality ward no. 1, 2, 3, 4, 5 & 6, Sindhuli

Field visit team: M&E Specialist, District Support Engineer, Focal Person(DLPIU Building), DLPIU(Engineer), Ward Chairpersons, Ward Secretary, Beneficiaries

Meeting with Ward Chairperson, beneficiaries and Technicians
• Discussion about Technicians presence in working area
• Discussion about the importance of Construction Completion Certificate and inspection digitization; and support from ward level
• Discussion about Support in PA Digitization
• Discussion about the data collection of re-construction status in ward level
• Distribution of Completion certificates in each wards.
• Discussion about the retrofitting’s progress in each wards

Issues and findings of Marin Rural Municipality:
• Beneficiaries are made non compliances houses themselves and blamed to the field technician.
• Target of first, second and third inspection and completion certificate distribution with digitization till the end of this month
• For retrofitting progress, visualization documents presentation are necessary in each wards or in Rural Municipality.
• Discussion about the Elani Land and Permanent Land, Geotechnical study for Permanent Land to reconstruct houses
Activity 4: Joint Monitoring Field Visit with DLPU focal Engineer, DSE and Coordination meeting in Siddhicharan Rural Municipality, Okhaldhunga

**Field visit team:** M&E Specialist, District Support Engineer, Focal Person (DLPIU Building), DLPIU (Engineer), Ward Chairpersons, Ward Secretary, Beneficiaries

**Meeting with Ward, beneficiaries and Technicians**
- Discussion about Technicians presence in working area
- Discussion about the importance of Construction Completion Certificate and inspection digitization; and support from ward level
- Discussion about Support in PA Digitization
- Discussion about the data collection of re-construction status in ward level
- Distribution of Completion certificates in each wards.
- Discussion about the retrofitting’s progress in each wards

**Issues and findings:**
- Beneficiaries are made non compliances houses themselves and blamed to the field technician.
- Target of first, second and third inspection and completion certificate distribution with digitization till the end of this month
- Due to absence of field technicians, completion certificates and digitization process and retrofitting data collection works having difficulties.
- For retrofitting progress, visualization documents presentation are necessary in each wards or in Rural Municipality.

**Framework: Training mason and house owner and technician about earthquake Resistant Technology.**
Monitored the 50 days Model houses retrofitting training organized by Build Change/UNOPS in Sindhuli.

**Framework: Other Activities**
- Participated in General Coordination meeting at DLPIU (GMaLI), Okhaldhunga
  - Activities of POs (Helvetas, CRS, Build Change) and their progress in private housing and their training activities
  - Discussion about first, second and third Inspection data and CS Entry
  - Discussion about the retrofitting progress in each wards of the Municipality/Rural Municipality
- Participated in General Coordination meeting at DLPIU (GMaLI), Sindhuli
  - Activities of POs (Build Change, NGO(CSRC) and their progress in private housing and their training activities
  - Discussion about in third Inspection data and CS Entry
  - Discussion about the retrofitting progress in each wards of the Municipality and Rural Municipality
Mobile Monitoring of the Engineer/Sub-Engineer and Assistant Sub-Engineer of their performance in the districts.
- Coordination with POs (CRS, Build Change) about their retrofitting activities
- Follow up of the Engineers for the CS Entry, Third Inspection and MIS Update
- Organized orientation meeting with DLPIU Chief, Focal Person, VDC Engineer, M&E Team and POs working in the districts in every month.
- Discussion about Joint Monitoring field visit plan with HRRP in mostly affected the Rural Municipality/Rural Municipality Level
- Participated in Progress in reconstruction in 4 years in Kamalamai Municipality at Sindhuli
- Participated in 1 day refresher training for field technician (E/SE/ASE) in Sindhuli at Kamalamai Municipality

3.3 District: Bhaktapur, Kavrepalanchowk and Sindhupalchok
Framework: Inspection and certification of rural and urban Housing built through owner driven approach with built back better concept.

In Bhaktapur District
- In this district, the total number of beneficiaries who found the first tranche is 24450 in which 10197(42%) are found his second tranche and 9548(39%) found his third tranche.

- In this district, First inspection digitization is 10303, Second inspection digitization is 9826 and Third inspection digitization is 8717.

- Meeting with technical persons of Suryabinayak municipality about progress and issues in Reconstruction of private housing and Retrofit in their respective wards.

- Field Monitoring about Retrofit of houses in ward no-6 and 7 of Suryabinayak municipality.

In Kavrepalanchowk District:
- In this district, the total number of beneficiaries who found the first tranche is 76225 in which 57512(76%) are found his second tranche and 47713(63%) found his third tranche.

- In this district, First inspection digitization is 56413, Second inspection digitization is 47505 and Third inspection digitization is 38307.

- Meeting with technical persons of Mandan Deupur and Paachkhal municipality about progress and issues in Reconstruction of private housing and Retrofit in their respective wards.

- Field Monitoring about Retrofit of houses in Mandan Deupur and Paachkhal municipality.
In Sindhupalchok District-
- In this district, the total number of beneficiaries who found the first tranche is 86,666 in which 85,842 (99%) are found his second tranche and are 78,293 (90%) found his third tranche.

- In this district, First inspection digitization is 82,451, Second inspection digitization is 72,701 and Third inspection digitization is 67,538.

- Meeting with technical persons of SunKosi and Bhotekoshi rural- municipality about progress and issues in Reconstruction of private housing and Retrofit in their respective wards.

- Field Monitoring about Retrofit of houses in SunKosi and Bhotekoshi rural- municipality.
Framework: Training mason and house owner and technician about earthquake Resistant Technology.
- Successfully completed Retrofit technical Orientation to the Retrofit Task Force of all 12 Palikas in Chautara, Sindhupalchok organized by DLPIU, Sindhupalchok.

3.4 District: Kathmandu, Lalitpur and Makawanpur
Framework: Inspection and certification of rural and urban Housing built through owner driven approach with built back better concept.
- Attended a review meeting at Makawanpur organized by DLPIU (Gmali) in which overall progress of reconstruction and retrofitting were discussed. During the program, consultant explained about importance of retrofitting, its legal process and grant distribution method.
Coordinated and facilitated at two days ToT on “Making home available to all “organized by world Bank group and CLPIU (BUILDING).

- Assist DLPIU retrofitting task forces to develop the strategic frame work about retrofitting.
- Telephonic conversation was done about engineer’s attendance with ward presidents of municipalities about performance of engineers and with the engineers about the digitization of case load of third inspection.

3.5 District: Nuwakot and Rasuwa

Framework: Inspection and certification of rural and urban Housing built through owner driven approach with built back better concept.

Activity 1: Meeting on retrofitting

1. Activity: Meeting with retrofitting beneficiaries and ward chiefs on Bidur-4, Nuwakot

2. Objectives:

   - To know the retrofitting beneficiaries status and non-compliance issues in the field.
   - To identify the number of houses that couldn't be recommended second and/or third tranche due to various reasons.
   - To verify Field attendance of Engineers, Sub-Engineer and Asst. Sub-Engineers.
   - To know the Status of third inspection, its digitization and distribution of completion certificates.

3. Team Involved:

   - M & E (Building) and DSE, Focal Engineer.
4. Participants in meeting/Discussion:
   - Field E/SE/ASE, Ward Chief, Ward Secretary and retrofitting beneficiaries.

5. Reconstruction Summary of Ward/Palika:

   **Retrofit Beneficiary**

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<thead>
<tr>
<th>WN</th>
<th>RTB</th>
<th>Agreement</th>
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<th>Second Tranche</th>
<th>Application for Beneficiary Switch</th>
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6. Activity Details:
   - Ward Level Meeting in ward 4 was held. Retrofitting Beneficiaries, Ward Chief of ward 4, Secretary, Ward members, public, NRA E/SE/ASE, focal and M & E-DLPIU (Building) were present.
   - The retrofitting beneficiary status was discussed classifying them into three categories-those who have built new house or building new house, those whose house is technically unfeasible to retrofit and neither of these-that who have to retrofit their old house.
   - In conclusion the ward chief and beneficiaries committed that their technically feasible houses will begin retrofitting.
   - The field attendance of NRA Engineer and Asst. Sub-Engineer was found satisfactory.

7. Presence of DLPIU Technical Team:

<table>
<thead>
<tr>
<th>WN</th>
<th>Name of the Technician</th>
<th>Contact no</th>
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<td>Er Abhimanyu Khadka</td>
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<td>ASE Purusottam Kumar Yadav</td>
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8. Findings/Discussion/decision Made etc.
   - The retrofitting beneficiaries were in dilemma on what they should do, what are the government provisions and deadlines, how the NRA is going to support etc.
   - They were made clear about retrofitting related issues.

9. Photographs

   *Meeting of focal Engineers of DLPIU-Nuwakot.*
   *Ward Level Meeting and Interaction with Retrofitting Beneficiaries of Bidur Municipality ward no.4.*
**Activity 2: Meeting on retrofitting**

1. **Activity:** Meeting with retrofitting beneficiaries and ward chiefs on Bidur-2, Nuwakot

2. **Objectives:**
   - *To know the retrofitting beneficiaries status* and non-compliance issues in the field.
   - To identify the number of houses that couldn't be recommended second and/or third tranche due to various reasons.
   - To verify Field attendance of Engineers, Sub-Engineer and Asst. Sub-Engineers.
   - To know the Status of third inspection, its digitization and distribution of completion certificates.

3. **Team Involved:**
   - M & E (Building), DSE, Focal Engineer.

4. **Participants in meeting/Discussion:**
   - Field E/SE/ASE, Ward Chief, Ward Secretary and retrofitting beneficiaries.

5. **Reconstruction Summary of Ward/Palika:**
   **Retrofit Beneficiary**
   
<table>
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<tr>
<th>WN</th>
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6. **Activity Details:**
   - Ward Level Meeting in ward 2 was held. Retrofitting Beneficiaries, Ward Chief of ward 2, Secretary, Ward members, public, NRA E/SE/ASE, focal and M & E-DLPIU (Building) were present.
   - The retrofitting beneficiary status was discussed classifying them into three categories—those who have built new house or building new house, those whose house is technically unfeasible to retrofit and neither of these—that who have to retrofit their old house.
   - In conclusion the ward chief and beneficiaries committed that their technically feasible houses will begin retrofitting.
   - The field attendance of NRA Engineer and Sub-Engineer was found satisfactory.

7. **Presence of DLPIU Technical Team:**

<table>
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<tr>
<th>WN</th>
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<td>SE Arun Lamichhane</td>
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</table>

8. **Findings/Discussion/decision Made etc.**
   - The retrofitting beneficiaries were in dilemma on what they should do, what are the government provisions and deadlines, how the NRA is going to support etc.
   - Retrofitting beneficiaries were made clear case wise. Some of the beneficiary had photograph of houses with them too. Discussion was done about measures that might be taken.
   - They were also informed on recent decisions and notices of NRA.

9. **Photographs**

*Ward Level Meeting and Interaction with Retrofitting Beneficiaries of Bidur Municipality ward no.2*
Framework: Training mason and house owner and technician about earthquake Resistant Technology.

1. **Title of the Training**: One day refresher training of DLPIU field E/SE/ASE and UNOPS STFC (Socio-Technical Facilitation Committee) Engineers
2. **Date and Venue**: January 7-10 and January 13, 14.
3. **Organizer**: UNOPS/Build Change
4. **Participants**: Training for Engineers/Sub-Engineers/Assistant Sub-Engineers

<table>
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<td>49</td>
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5. **Organizer**: Findings/Suggestions
   - NRA E/SE/ASEs were updated on guidelines, policies, non-compliance issues, retrofitting issues, digitization issues and other recent issues. They were reminded on work priorities. Retrofitting was major issue on training.
   - Retrofitting beneficiary status was discussed ward wise.

6. **Photographs**

   - One day refresher training at Bidur, Nuwakot. Date January 7.
   - One day refresher training at Dansing, Trakeshwor R.M., Nuwakot. Date January 14.

**Other Activities:**

- Contact, Mail and Follow-up with focal Engineers and ward E/SE/ASE of Nuwakot and Rasuwa about retrofitting issues and digitization works.
- Follow-up on WB-TPM reports.
- Meeting with palika focal Engineers in DLPIU-Nuwakot.
- Meeting on District Co-ordination Office with DCC Chief, Palika chief, deputy chief and chief administrative officer of Bidur Municipality, Belkotgadi Municipality and Shivapuri Municipality.
- Meeting on District Co-ordination Office with DCC Chief, Palika chief, deputy chief and chief administrative officer of Tarkeshwor R.M., Kakani R.M. and Likhu R.M.
- Attend program organized by DLPIU-GMaLI on celebration of NRA establishment day on Poush 12.
Meeting on District Co-ordination Office with DCC Chief, Palika chief, deputy chief and chief administrative officer of Bidur Municipality, Belkotgadi Municipality and Shivapuri Municipality.

Celebration of NRA establishment day on Poush 12 in Nuwakot.

3.6 District: Gorakha and Dhading
Framework: Inspection and certification of rural and urban Housing built through owner driven approach with built back better concept.

- Interaction with Secretary of NRA, DCC Chief, DLPIU Chiefs GMaLI Team, DSE and Focal Engineer's at Dhading District
- Interaction with JICA/EHRP Team, DLPIU Building Team and Field Technician at Gorkha Palace hotel Gorkha District
- Meeting with DLPIU chief of Both Gorkha and Dhading district for the reconstruction issues in the district.
- Coordinated and Attended NRA. Establish day review meeting with DCC Chief, Acting CDO, DLPIU Chief, Journalist & POs working at Dhading district organized by DLPIU GMaLI on the date 10-12TH Poush. Various issues regarding the reconstruction were discussed and decisions were made
- Phone call with Engineers/Sub-Engineers/Asst. Sub Engineers, in both DLPIU Gorkha & Dhading District.
- Meeting with WB.third party monitoring team in Dhading about their findings, issues and plan.
- Jointly Field Monitoring of Gorkha 9 &10 Gorkha municipality and Mankamana 2&3 in Shahid Lakhan Rural municipality of Gorkha District. In this monitoring we discussed Ward Chief & Admin assistant of both municipality about progress of reconstruction, Observation of Retrofitting house, their issues, challenges and performance of our technical persons working in this area.
• Jointly Field Monitoring of ward no 9,10,11&14 in Gorkha municipality and ward no 1,2,5&7 in Palungtar municipality of Gorkha District and Monitoring of ward no 1 & 2 Tripura sundari RM, ward no 4 & 5 Gajuri RM. and ward no 7 & 8 in Dhunibeshi municipality of Dhading district. In this monitoring & observation of Retrofitting house, their issues, challenges and performance of our technical persons working in this area.

• Coordination meeting with the Palika focal engineers and discussion about the major Retrofitting Beneficiary Issues in the district and about digitization and suggested them to fixed the weekly target & work on it. Gorkha District.

• Coordination with the district supports engineers and discussion about the major Retrofitting Beneficiary Issues in the district and current construction practices in the both district.

• Discussion with DSE, & Focal persons of both district about in third Inspection data, Retrofitting data, TPMA report and CS Entry etc.

• Coordination with GMaLI DLPIU Team/ DFID/UMN/ UNDP/NHRP/ EHRP/JICA/NSET/PIN/CSRC/UNOPS/Build Change/HRRP Team/ Purnima/Kaduri & ICDC Discussed about the current problems, Retrofitting beneficiary, issues of third inspection & Certificates distribution activities in the Gorkha and Dhading district.

• Interaction with local people about technical assistance/Support, trance distribution, data collection and other issues related to reconstruction.


Framework: Training mason and house owner and technician about earthquake Resistant Technology.

• Mobile Monitored the retrofit training organized by NSET in Dhading district

• Monitored the 50 days Model houses retrofitting training organized by UNOPS/Build Change in Gorkha and Dhading District

Framework: Other Activities

• Meeting with Focal Engineers of all Palikas of Gorkha district in the presence of DLPIU Chief, MIS,DSE and Focal engineer's at DLPIU Gorkha district.

• Follow up of technical persons for proper supervision and inspection of houses in his wards regularly

• Telephonic conversation with ward engineers for Caseload files solutions of third inspection digitization and Certificates distribution

• Study of TPMP report and calling respective ward E/SE/ASE and reporting

• Follow up E/SE/ASE for data collection of retrofitting beneficiaries of the both district.
4. FINDINGS

4.1 Sindhuli and Okhaldhunga Districts

- Local Government representatives are asked to play lead role in correction of Non-Compliance buildings and they should play vital role in creating awareness about the importance of Construction Completion Certificate.
- Appointing of new E/SE/ASE but they havenot received trainings. So need TOT/Correction Exceptional Manual/Retrofitings trainings for newly appointed field technician.
- Lack of co-ordination found during field visit between Municipality/Rural Municipality Level and ward office.
- Retrofitting trainings for Masons is necessary to retrofit the building. During the field visit, no knowledge was observed of Skilled Masons.
- Due to the temporary transfer of Engineer from the district to NRA, the Engineers are not sufficient to work in each ward.
- Due to the scarcity of wood in ward of Sindhuli, the retrofittings for Timber Struture houses are not constructing.
- For retrofitting progress, visualization documents presentation are necessary in each wards or in Rural Municipality/Municipality.
- Retrofittings training for E/SE/ASE in necessary in Sindhuli & Okhaldhunga District
- RS/RV data results should be published as soon as possible.

4.2 Sindhupalchok Kavrepalanchowk and Bhaktapur District

- Still retrofit beneficiaries not want to retrofit their houses because they want to change in fully damaged beneficiaries. Also some beneficiaries constructed their new houses but they still not demolishes his old or retrofit house and wants to change in fully damaged beneficiaries.
- Local level Representatives are also negative thought about Retrofit of SMM houses. They also want Retrofit beneficiaries changes in to Fully Damaged beneficiaries.
- Many beneficiaries only repaired his house in simple manner not retrofit and claim for second tranches. NRA should also addressed about Repaired house for second tranche they will found or not.
- Technical persons of wards also can not convinced retrofit beneficiaries for retrofit of their houses. Because beneficiaries want to change him to fully damaged.
- Still completion certificate distribution is not started in Bhaktapur and Kavreplanchok district.
4.3 Kathmandu, Lalitpur and Makawanpur Districts

- ToT on Earthquake resilient building construction and retrofitting has been completed at Makwanpur for engineers and Sub-Engineers has been completed and as retrofitting works has to be speed up and till date no training has been provided for assistant sub engineers, training about retrofitting for assistant sub Engineers is highly recommended.
- The grant distribution for the houses those constructed before engineers deployment has not been started yet, at some municipalities municipal board has refused to certify annex 1 before municipal drawing approval process which has created obstruction for immediate grant distribution.
- Slow progress has been found for the distribution of construction completion certificate so, DLPIUs have to made plans regarding distribution of construction completion certificate. Till date there is only provision for reconstruction but should also be for retrofitted houses regarding construction completion certificate.
- Grant amount for retrofitting at urban area seems to be insufficient and addition of grant amount for urban retrofitting is highly recommended.

4.4 Nuwakot and Rasuwa Districts

- The retrofitting beneficiaries were interacted on various meetings at ward level. They were made to convince on retrofitting measures that can be taken.
- Local elected representatives were informed on recent notices, retrofitting issues during meetings at palikas and district.
- DLPIU engineers/ sub-engineers and focal engineers were oriented towards retrofitting. They were reminded of various works to be done. Issues and challenges faced by the project were presented to the DLPIU E/SE/ASE.
- During interaction with various stakeholders it was found that the increase in financial support will increase the trend of retrofitting.
- The inspection target of field E/SE/ASE is met by 80% wards already. Inspection, caseload and backlog digitization are also in priority of ward Engineers.

4.5 Gorakha and Dhading districts

- 281 Beneficiaries received first tranche without signed agreement in wards 1& 2 of Tripurasundari RM. Dhading District (It is big Challenged)
- Since a 2-3 month field technicians are not receiving the salary, so they have not found serious in their responsibility.
- Beneficiaries are found interested if change the beneficiaries list from retrofitting to reconstruction.
- For retrofitting progress, visualization documents presentation are necessary in each wards in each wards of Municipality.
Due to lack of monitoring mechanism, the inspections of houses constructed by POs can’t be done. Monitoring mechanism of POs activities should be developed.

Palika Level meetings on all palikas are necessary for speeding up third inspection as well as completion certificates distribution.

Mostly field technicians are found attendance and mobilization is poor.

Beneficiaries are still oriented to only grant receive, not focused to safer building construction, that’s why building are being further constructed after receiving third tranche.

Districts Gorkha and Dhading are being reconstructed with Earthquake Resistance Houses. House owners are feeling proud of having earthquake resistant house.

Women used to work as labor in the past but after getting opportunity of MASON training, now they are working as skilled mason.

There is high expectation of community, people as well as government agencies from NRA.

Beneficiaries are made non-compliances houses themselves and blamed to the field technician.
5. CONCLUSION AND RECOMMENDATION

- Land Less people are still waiting for soft loan and interest free loan to start reconstruction but policy and its working process is still unclear to people. Help desk at DLPIU level is found necessary to support people.

- Special support for vulnerable household is necessary through a different agency specially devoted on this. Still some vulnerable people are without shelter. STA team should be mobilized as soon as possible.

- The information regarding recent deadlines and completion certificates has not been disseminated well in all wards. DLPIUs, Local Government and the ward level technicians should be serious in this issue. Information should be disseminated through different medium and media.

- Monthly target and its performance indicators have been developed by DLPIU’s and as the focal persons have some additional responsibility, any types of responsibility allowance for them is highly recommended to motivate focal Engineers.

- The grant distribution for the houses those constructed before engineers deployment has not been started yet, at some municipalities municipal board has refused to certify annex 1 before municipal drawing approval process which has created obstruction for immediate grant distribution.

- Issues in Urban Reconstruction should be addressed separately. At core areas of Kathmandu and Lalitpur there are some vulnerability issues with adjoining non-damaged houses whenever damaged houses decide to demolish which has created obstruction for reconstruction. During field visits it has been found that maximum number of houses can be retrofitted, so retrofitting may be suitable option by re damage assessment of the houses.

- There is also need for NRA to make strong decisions for those beneficiaries who do not intend to reconstruct their house even after taking first tranche.

- Retrofit beneficiaries not want to retrofit their houses because they want to change in fully damaged beneficiaries. Also some beneficiaries constructed their new houses but they still not have demolished their old or retrofit house and wants to change in fully damaged beneficiaries.

- Due to the temporary transfer of Engineer from the district to NRA, the Engineers are not sufficient to work in each ward.

- Due to the scarcity of wood in ward of Sindhuli, the retrofitting for Timber Structure houses are not constructing.

- For retrofitting progress, visualization documents presentation are necessary in each wards or in Rural Municipality/Municipality.
6. **ANNEXES:**

**Annex-1: List of Monitoring and Evaluation Consultants with contact Details**

<table>
<thead>
<tr>
<th>SN</th>
<th>Consultant</th>
<th>District</th>
<th>Mobile No.</th>
<th>Email</th>
<th>Remarks</th>
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<tr>
<td>1</td>
<td>Janak Raj Joshi</td>
<td>Central</td>
<td>9851101041</td>
<td><a href="mailto:janakjosie@gmail.com">janakjosie@gmail.com</a></td>
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<td>6</td>
<td>Roshan Kesari</td>
<td>Sindhupalchok</td>
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### Annex-2: District wise Reconstruction Data

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<th>SN</th>
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<th>Total Earthquake affected HHs</th>
<th>No. of HHs First Tranche Received</th>
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</tr>
<tr>
<td></td>
<td>Total</td>
<td>732840</td>
<td>672566 2834 675400</td>
<td>642309 571864 4935 576817</td>
<td>517755 500846 8805</td>
<td>509651 502137</td>
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</table>
### Annex-3: Capacity Development of Engineers / Technicians / Masons

<table>
<thead>
<tr>
<th>SN</th>
<th>Title of Training</th>
<th>Number of Participants</th>
<th>Contribution of M &amp; E</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>TOT on to Engineers ‘Making home accessible to all’ by World Bank</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>50 days Monitored the 50 days Model houses retrofitting training organized by Build Change/UNOPS</td>
<td>25 35</td>
<td>60</td>
</tr>
<tr>
<td>3</td>
<td>Technical Orientation to the Retrofit Task Force</td>
<td>36</td>
<td>✓ ✓ ✓ ✓ ✓ ✓</td>
</tr>
<tr>
<td>4</td>
<td>One day refresher training to DLPIU and STFC-Project Engineers</td>
<td>81</td>
<td>✓ ✓ ✓ ✓ ✓ ✓</td>
</tr>
<tr>
<td>5</td>
<td>Model Retrofitting (Build Change)</td>
<td>48 125 173</td>
<td>✓</td>
</tr>
<tr>
<td>6</td>
<td>Model Retrofitting (NSET)</td>
<td>154</td>
<td>✓</td>
</tr>
<tr>
<td>7</td>
<td>1day Refresher training for OJT Mason</td>
<td>18 18</td>
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<tr>
<td></td>
<td>TOTAL</td>
<td>35 25 35 0 0 36 0 0 0 0 0 0 0 0 81 202 143 557</td>
<td></td>
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## Annex-4: Follow up of Engineers

<table>
<thead>
<tr>
<th>SN</th>
<th>Districts</th>
<th>Engineers Attendance</th>
<th>Meeting with Engineers of Nagar/Gaupalikas</th>
<th>Observation of private housing</th>
<th>Engineers Performance</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Telephone Conversation</td>
<td>Direct Observation</td>
<td>How many Times?</td>
<td>How many Times?</td>
</tr>
<tr>
<td>1</td>
<td>Okhaldhunga</td>
<td>11</td>
<td>6</td>
<td>4</td>
<td>8</td>
</tr>
<tr>
<td>2</td>
<td>Sindhuli</td>
<td>20</td>
<td>8</td>
<td>5</td>
<td>12</td>
</tr>
<tr>
<td>3</td>
<td>Dolakha</td>
<td>24</td>
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<td>0</td>
<td>0</td>
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<td>Ramechhap</td>
<td>28</td>
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<td>0</td>
<td>0</td>
</tr>
<tr>
<td>5</td>
<td>Sindhupalchok</td>
<td>6</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>6</td>
<td>Kavrepalanchok</td>
<td>10</td>
<td>4</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>7</td>
<td>Bhaktapur</td>
<td>6</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>8</td>
<td>Kathmandu</td>
<td>12</td>
<td>3</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>9</td>
<td>Lalitpur</td>
<td>11</td>
<td>3</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>10</td>
<td>Makawanpur</td>
<td>14</td>
<td>3</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>11</td>
<td>Rasuwa</td>
<td>3</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>12</td>
<td>Nuwakot</td>
<td>2</td>
<td>4</td>
<td>8</td>
<td>4</td>
</tr>
<tr>
<td>13</td>
<td>Dhading</td>
<td>11</td>
<td>4</td>
<td>3</td>
<td>5</td>
</tr>
<tr>
<td>14</td>
<td>Gorakha</td>
<td>9</td>
<td>4</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>167</strong></td>
<td><strong>46</strong></td>
<td><strong>38</strong></td>
<td><strong>50</strong></td>
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## Annex-5: Coordination and observation of POs activities

<table>
<thead>
<tr>
<th>SN</th>
<th>Districts</th>
<th>Coordination meeting in District DCC</th>
<th>Meeting with Local Body Representatives</th>
<th>Coordination meeting with POs</th>
<th>Observation POs Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>How many Times?</td>
<td>How many Times?</td>
<td>How many Times?</td>
<td>How many Times?</td>
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<td>Okhaldhunga</td>
<td>1</td>
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<td>2</td>
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</tr>
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<td>2</td>
<td>Sindhuli</td>
<td>1</td>
<td>4</td>
<td>7</td>
<td>5</td>
</tr>
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<td>3</td>
<td>Dolakha</td>
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<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Ramechhap</td>
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<td>0</td>
<td>0</td>
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<tr>
<td>5</td>
<td>Sindhupalchok</td>
<td>None</td>
<td>4</td>
<td>1</td>
<td>1</td>
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<tr>
<td>6</td>
<td>Kavrepalanchok</td>
<td>None</td>
<td>4</td>
<td>None</td>
<td>None</td>
</tr>
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<td>7</td>
<td>Bhaktapur</td>
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<td>None</td>
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<td>No any Pos</td>
</tr>
<tr>
<td>8</td>
<td>Kathmandu</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Lalitpur</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Makawanpur</td>
<td>1</td>
<td>5</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Rasuwa</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Nuwakot</td>
<td>2</td>
<td>3</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Dhading</td>
<td>1</td>
<td>4</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Gorakha</td>
<td>1</td>
<td>3</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total</td>
<td>9</td>
<td>30</td>
<td>16</td>
</tr>
</tbody>
</table>

**Activities of POs**

- Reconstruction: ✓ ✓ ✓
- Training: ✓ ✓ ✓
- Livelihood: ✓ ✓ ✓
- Support to Victims: ✓ ✓ ✓
- Others: ✓ ✓ ✓
Annex-6: PHOTOGRAPHS

Participated in Public Hearing Program organized by Transparency International Nepal in Hariharpurgadhi RM at Sindhuli

Participated in Public Hearing Program organized by Transparency International Nepal in Hariharpurgadhi RM at Sindhuli

Meetings with Ward Chairperson, Field Engineer about the problems and solution in retrofitting and Elani Land in Kamalamai Municipality ward no. 8 at Sindhuli

Meetings with Ward Chairperson, Field Engineer about the problems and solution in retrofitting and Elani Land in Kamalamai Municipality ward no. 8 at Sindhuli

Meetings with Ward Chairperson, Field Engineer about the problems and solution in retrofitting and Elani Land in Kamalamai Municipality ward no. 9 at Sindhuli

Minutes of meeting in Kamalamai Municipality at ward no.8 in Sindhuli
Participated in Progress in reconstruction in 4 years in Kamalamai Municipality @Sindhuli

Participated in 1 day refresher training for field technician (E/SE/ASE) in Sindhuli @ Kamalamai Municipality

District Coordination meeting with NRA (Dr. Dhuwa Sharma Sir, SDE(NRA), CDO, DCC Chief, DLPIU(Building), M&E Consultant about the Problems and solution of Elani and Permanent Land in Sindhuli

Field Visit with NRA (Dr. Dhruwa Sir, GMALI Chief, Field Technician, Geologist, M & E Consultant) about the verification of Elani Land and geological study of suitable to construct houses in Land or not in Kamalamai Municipality @ ward no. 8 Sindhuli
Field Visit with NRA (Dr. Dhruwa Sir, GMALI Chief, SDE(NRA), Field Technician, Geologist, M & E Consultant) about the verification of Eland Land and geological study of suitable to construct houses in Land or not in Kamalamai Municipality@ ward no. 9 Sindhuli

Field Visit with NRA (Dr. Dhruwa Sir, GMALI Chief, SDE(NRA), Field Technician, Geologist, M & E Consultant) about the verification of Eland Land and geological study of suitable to construct houses in Land or not in Dudhauli Municipality@ ward no. 1, 2 & 3 Sindhuli

Monitored the retrofitted house of Timber Structure design in Dudhauli Municipality@ ward no. 3 in Sindhuli

Monitored the retrofitted house of Timber Structure design in Dudhauli Municipality@ ward no. 3 in Sindhuli

Meeting with CRS, Build Change, DSE, M&E Consultant, GMALI Consultant, Focal Engineer about the progress in retrofitting and further month program in Okhaldhunga DLPIU(Building) Office.

Monitored the BMC houses which is constructed in Elani Land in Kamalamai Municipality@ ward no. 8 in Sindhuli
Annex 7. Retrofit Success Story

1. Karna Bahadur Bhujel, ward no-4 of Chautara Municipality completed retrofit of his house using Strong back method with the help of UNOPS/Build Change. Now he is very happy with this house not worried about why his name was not converted in Full beneficiary. His house looks like a new house.

2. Krishna Prasad Nepal, ward no-8 of Balephi Rural-Municipality retrofitting of his house using Splint and Bandage method without help by any organization. He is Retrofitting his house with own self by showing video Retrofit of Baliyo Ghar in TV. He also received his first tranche. Now he is eligible for his second tranche. This is good initiation by him for Retrofit of house in Sindhupalchok.

3. YaduNath Ghorasaini and Devaki Ghorasaini, ward no-3 of Mandan Deupur Municipality received his first tranche of Retrofit and wants to retrofit his house. He will Starting as soon as possible. When our team including DSE and Task Force visited him during Field visit they are positive about Retrofit of his house taking suggestions from Technical persons of ward.
4. Ram Bahadur Tamang, ward no-3 of Mandan Deupur Municipality also received his first tranche of Retrofit and wants to retrofit his house. He will also Starting as soon as possible. When our team including DSE and Task Force visited him during Field visit they are positive about Retrofit of his house taking suggestions from Technical persons of ward.
Annex 8. Case Study of Dhading

Sadhuram sharma two plus attic house was located on Galchi RM ward no6, Maheshdovan, Dhading. His house has been partially damaged by 2015 Gorakha earthquake and has been listed under retrofitting. Mr. Sharma doesn’t know much about retrofitting technique at first and when technical professionals from Build change made a visit on house and clarify him about retrofitting technique, Sharma agreed to retrofit his house. The house doesn’t have any earthquake resisting elements initially. Now the build change have started retrofitting of the house using strong back technology. The retrofitting work started from October 20 and ends on December 20. The Five mason were trained from this 50 days retrofitting training. This house will work as a retrofit model house in the community. All expenses of retrofitting work including material, mason charge was done by build change under the aid of UNOPS. The house will now have 6 column of size 10 by 10 inch having 4 no's of 12 mm rod.

On our interaction with house owner, Mr. Sharma said: “I am fully satisfied on retrofitting my house. And I can say the house was now much earthquake resistant as newly constructed building“.

Annex 9. Field Visit Reports (Dhading and Gorkha)

<table>
<thead>
<tr>
<th>Visit 1</th>
<th>Location</th>
<th>Participants</th>
</tr>
</thead>
</table>
| 16/12/2019 | Tripurasundari rural municipality, Salyantar, Dhading | Khagendra Awasthi (M&E, CLPIU-Building)  
Deepandra Paudel (MIS Specialist, DLPIU-GMaLI)  
Suman Bastola (MIS Officer, DLPIU-Building)  
Sushila Thapa (Computer Operator, GMaLI)  
Badri pyakurel (HRRP, Nuwakot)  
Kirti Chandra joshi (HRRP, Dhading) |
| 17/12/2019 | Nilkantha Municipality, Ward no 1, khalte, Dhading | Sudip shrestha (DSE)  
Rajesh Kumar Shrestha (DSE)  
Rabin shrestha (DLPIU-Building Focal person)  
Khagendra Awasthi (M&E, CLPIU-Building)  
Prakash Shrestha (municipality Focal person)  
Badri Pyakurel (HRRP, Nuwakot)  
Kirti chandra Joshi (HRRP, Dhading) |
| 18/12/2019 | DLPIU-(Building and GMaLI), Gorkha | Khagendra Awasthi (M&E, CLPIU-Building)  
Badri Pyakurel (HRRP, Nuwakot)  
Kirti chandra Joshi (HRRP, Dhading) |
| 19/12/2019 | Gorkha municipality-Ward no 9 & 10, Gorkha | Rajesh Adhikari (DSE)  
Awases Thakuri (DSE)  
Kirti Chandra joshi (HRRP)  
Khagendra Awasthi (M&E, CLPIU-Building)  
Badri Pyakurel (HRRP, Nuwakot)  
Suresh Neupane (A.S.E Ward 10)  
Krishne Gole (A.S.E ward 9) |
| 20/12/2019 | Sahid lakhan Rural municipality-Ward 3, Gorkha | Khagendra Awasthi (M&E, CLPIU-Building)  
Badri Pyakurel (HRRP, Nuwakot)  
Kirti chandra Joshi (HRRP, Dhading) |

**Objective(s)**

**Tripurasundari rural municipality, Salyantar, Dhading**
- To discuss about NRA reconstruction beneficiary who were listed as Reconstruction beneficiaries and receive first tranche although they haven’t signed agreement (with no Red card) to receive tranches of reconstruction.
- To inform and discuss about status of those beneficiaries who have got two or more PA number so called as Duplicate beneficiary in ward-1&2 of Tripurasundari Rural municipality.
- To discuss about Vulnerable beneficiary status in municipal and work out on finding out who falls under actual vulnerable category by ward-1 & 2 of municipality.
- To discuss about status of Retrofitting beneficiary of ward 1 & 2 and should prepare a data by those ward on three formats who are willing to do retrofit, not interested on retrofitting and who want to convert them into reconstruction full beneficiary.

**Nilkantha Municipality, Ward no 1, khalte, Dhading**
- To observe the house listed under retrofitting and taking views of retrofitting beneficiary and convince the retrofit beneficiary for retrofitting their house if feasible to do.
### Table

<table>
<thead>
<tr>
<th>Objective(s)</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>DLPIU-(Building and GMaLI), Gorkha</strong></td>
<td>To interact with beneficiaries to understand the reconstruction/retrofitting issues and status.</td>
</tr>
<tr>
<td><strong>Gorkha municipality-Ward no 9 &amp; 10, Gorkha</strong></td>
<td>To introduce between HRRP and DLPIU-(Building and GMaLI) as there is long gap on data collection, second trench distribution and representing HRRP in Gorkha district and for easy access of data of Gorkha to HRRP.</td>
</tr>
<tr>
<td><strong>Sahid Iakhan Rural municipality-Ward 3, Gorkha</strong></td>
<td>To observe the house listed as retrofitting and interact with beneficiaries to understand the retrofitting issues and status.</td>
</tr>
<tr>
<td><strong>To discuss about retrofitting issues and status</strong></td>
<td></td>
</tr>
</tbody>
</table>

The field visit on Dhading district was carried out focusing mainly retrofitting possibilities and status in ward 1(Former khalte vdc) of Nilkantha municipality. Also, Field visit to tripurasundari RM, Dhading was plan focusing various objectives as described above. Simultaneously field visit to Gorakha district was made mainly to introduce HRRP in the district as there is long gap on representing HRRP in Gorakha and made ease in access of data retrieval and to overview the status of retrofitting in district.

### Summary

**Field Visit:**

**Field visit to Nilkantha Municipality-1,Dhading**

A team of DSEs and Engineers (DLPIU Building), CLPIU- M&E Expert and HRRP Dhading visited ward no 1 of Nilkantha Municipality. The visit was plan mainly to find out exact retrofitting scenario in field. Out of 14 wards in municipality, the maximum number of retrofitting beneficiary was found on ward 1 of Nilkantha municipality count to 155 total out of 643 in municipality .In total 9 houses were visited. Out of 9 houses visited, 7 houses were listed on retrofitting and 2 on reconstruction beneficiary. On interaction with retrofitting beneficiary, none of them want to retrofit their house. Some have already demolished old house and started new construction and some are willing to convert them in full beneficiary. On newly ongoing construction, two houses were seen noncompliance .First case was the lintel band was found discontinuous as wooden member passes though band section and stones used were of small size. DSE suggested correction measure to provide bandage on outer and inner portion of wall where band is not continuous and connecting inner and outer portion through GI wire via Drilling either inserting hole. Secondly, the noncompliance found was house was constructed till sill level without vertical reinforcement and horizontal bands. DSE suggested to start a new construction by adding proper horizontal bands and vertical reinforcement to receive next tranche of reconstruction .

**Field visit to Tripurasundari RM,Dhading**

A team of MIS from DLPIU-Building and GMaI, M&E -CLPIU-Building ,computer operator from GMaLI ,HRRP made a visit on Tripurasundari RM on 16 Dec 2019 to discuss on various topics .Firstly, there were 281 beneficiary in ward 1 & 2 of RM who were listed as Reconstruction beneficiaries and receive first tranche although they haven’t done agreement (with no Red card) to receive tranches of reconstruction. For that, the wards should find out those beneficiary and start agreement and forward detail to GMaLI office. If the beneficiary was fake ,the ward should provide detail of PA number, name of beneficiary and citizenship certificate to GMaLI office so as to remove beneficiary from list. Secondly, GMaLI presents the possibility list of duplicate beneficiary of wards of Tripurasundari RM. The wards should work on collecting PA number, name list and citizenship certificate and forward to GMaLI office after verification about duplication.
Thirdly, there were 137 vulnerable beneficiary in Tripurasundari RM. Now, the wards should work on finding and verifying beneficiary who comes under four category of vulnerability in order to receive 50,000 top-up bonus. 

Lastly, discussion was based on retrofitting status. Altogether 248 beneficiary were listed under retrofitting in Tripurasundari RM. Now the decision was made that different wards should work on finding retrofitting data on three formats - number of beneficiary willing to do retrofit, not interested on retrofitting and who want to convert them into reconstruction full beneficiary.

Field visit to Gorkha
Two day field visit plan to Gorkha was made on December 2019. Firstly introduction of HRRP with DLPIU-Building and GMaLi staffs was carried out. Joint field visit with DSEs was made on ward 9 and 10 of Gorkha municipality to visit retrofitting beneficiary’s house and to understand the retrofitting status. A total of 8 houses (2 RCC, 4 BMC, 1 BMM AND 1 SMM) listed under retrofitting was visited on very day. On our visit to 8 houses, we found some has already done repair using cement mortar on cracks portion - they understand retrofitting as repair. One of the retrofitting beneficiary with two sory RCC structure has demolished wall on first floor and have constructed new wall on first floor and have done repair using cement mortar on cracks portion on ground floor. On, One of the retrofitting beneficiary house one sided wall was collapsed completely and partition wall was bulged. DSE suggested to demolish the house and start new construction ASAP (last date was end of poush) to convert into full beneficiary.

Also, visit was made to sahidlakhan RM ward 3. There were altogether 223 retrofitting beneficiary and 209 have received first tranche. Ward chairperson Ganesh Thapa said the main problem for retrofitting was lack of trained mason, less knowledge about retrofitting among technical and beneficiaries and to convince house owner for retrofitting. He added he wants to made one retrofitted model house in his ward.

Meeting: Meeting minute Tripurasundari RM meeting

<table>
<thead>
<tr>
<th>Challenges / Issues Identified</th>
<th>Solutions Provided or Possible Solutions</th>
<th>Decision Taken</th>
<th>Responsible</th>
<th>Timeframe (specify the time taken to decide on the issues identified)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Possibility of duplicate beneficiary on ward 1 &amp; 2 of tripurasundari RM, dhading</td>
<td>Data provided of those duplicate beneficiary to RM</td>
<td>Ward engineers should ensure verification of those beneficiary and forward data to GMaLI</td>
<td>Engineers</td>
<td>As soon as possible</td>
</tr>
<tr>
<td>281 Beneficiaries received first tranche without signed agreement in wards 1 &amp; 2 of Tripurasundari RM</td>
<td>Data provided of those beneficiary to RM</td>
<td>Ward engineers should ensure verification of those beneficiary and forward data to GMaLI</td>
<td>Ward chair and Engineers</td>
<td>As soon as possible</td>
</tr>
<tr>
<td>Majority people are less aware towards retrofitting and want to convert them into full beneficiary</td>
<td>Retrofit task force group has been formed</td>
<td>Identification of beneficiary by engineer should carried out</td>
<td>Pos, Engineers</td>
<td>As soon as possible</td>
</tr>
</tbody>
</table>
The main challenge on retrofitting found was to initiate retrofitting work rapidly. Retrofitting task force has been formed under the coordination of the District Support Engineer. The retrofitting task force consist of the engineers from DLPIU building and engineers deployed at each municipality of district. Currently, the verification of the beneficiaries under the retrofitting is being carried out. The policy of changing retrofitting beneficiary into reconstruction beneficiary effect the retrofitting process from government level. The main reason for not starting retrofitting found were: willing to convert into full beneficiary, in some cases people have already reconstruct new house, lack of awareness about retrofitting methods and system, lack of trained masons for retrofitting work, houses wasn’t technically feasible for retrofit itself, cost estimation for retrofitting. One of the retrofitting beneficiaries Resham Bahadur Gurung from Nilkantha-1 said “We know retrofitting and have seen retrofitted house using GI wire mesh. But what to do, the cost was much high than newly construction. "Now he has started construction of 2 roomed SMM house. Also we feel, the listing of retrofitting beneficiary was not appropriate too. Majority of the houses listed under retrofitting were not technically feasible to do retrofit. For eg the house was listed under retrofitting even if there was high damage grade. We recommend such houses should be demolished and reconstruct the new house. The verification of such houses were going on.

Regarding retrofitting, build change has recently completed retrofitting of Sadhuram sharma two plus attic house using strong back technology located at Galchi RM-06, maheshdovan, Dhading. The retrofitting work started from October 20 and ends on December 20. The Five mason were trained from this 50 days retrofitting training. This house will work as a retrofit model house in the community. All expenses of retrofitting work including material, mason charge was done by build change under the aid of UNOPS.

On our interaction with house owner, Mr sharma said “ I am fully satisfied on retrofitting my house. And I can say the house was now much earthquake resistant as newly constructed building.

Name: Bishnu kumari Gurung
Location- Nilkantha-1, khalte-Gairibasa, Dhading
Bishnu kumari was listed in a retrofitting beneficiary. She has received first tranche. Now, she has decided to reconstruct a new house and she has already demolished her one story four roomed SMM house. She said the damage grade was high so she wants to reconstruct a new house that would fulfill her living requirement. Now, she has constructed SMM one plus attic two roomed on ground floor house.
with 6 pillar having 4 no's of 12 mm rod. All bands are properly placed. DSE suggested to use light use material CGI or wood in a gable wall. She has applied for a process to convert into full beneficiary. The construction cost till roof level reaches to 5 lakhs. Nowadays, the members of family are living in their uncle’s house.

| Name: Resham bahadur Gurung  
| Location- Nikantha-1, khalte-Gairibasa, Dhading  
| Resham bahadur Gurung was listed under retrofitting beneficiary. But, He has already demolished his old house and has started one story two roomed BMC new construction. We asked him why you have started new construction rather than retrofitting old house and he said that the cost of retrofitting is very high and government is provided only 1 lakh. So it would not be enough and after retrofitting on SMM house, will the house be sustain after major earthquake occurs, Gurung further added? He has received first tranche and now want to convert into full beneficiary. |

| Name: Sumitra Yogi  
| Location: Gorkha municipality-09, Thigureswara, Gorkha  
| Sumitra yogi’s house was listed under retrofitting. On our supervision, the house was not feasible for retrofitting. The picture shows isometric view and interior view of yogi’s house. One sided wall was completely collapsed and partition wall was bulged. She has received first tranche and doesn’t know what to do further of this house. DSE of gorkha suggested to demolished old house and take photos of house along with house owner and start new construction ASAP so that she will be processed to convert into full beneficiary. Currently she has been living on her father in law house. |
Name: Govinda bahadur Adhikari
Location: Gorkha municipality -09, Thigureswara, Gorkha
Typology: Two story RCC house with CGI roof. The house owner was a retrofitting beneficiary and has received first tranche. Now he has done repair on cracks portion on corners, opening and wall portion by himself by applying cement plaster and are living in same house. DSE suggested him that repair was not enough for this building and need to do retrofit. Mr. Adhikari said their economic condition was not good and doesn’t show much interest in retrofitting.
**Annex 10. Individual Beneficiary Details (Lalitpur)**

A sample of data collected by NRA field engineers and technicians about status of beneficiaries’ not receiving second tranche with reason, Bagmati RM, Lalitpur

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