Japanese Contributions to Reconstruction and Recovery in Gorkha

Seminar on Sustainable Recovery: Experience Sharing between Nepal and Japan

20 January 2019
JICA Nepal
Our Support for EQ Recovery

Based on the **Build Back Better (BBB)** concept, a wide range of support has been provided since immediately after the earthquake in April 2015.

- Housing Reconstruction
- School Reconstruction
- Rebuilding Local Public Infrastructure & Facilities
- Livelihood Recovery in the Affected Communities
- Hazard Maps
- District-Level Recovery Planning
- Rehabilitation of Cultural Heritage
- Earthquake Risk Assessment for Kathmandu Valley
1. Hazard Maps

Enlargement of Hazard Map (Laprak)

Enlargement of Hazard Map (Barpak)

Source: JICA Project Team
2. District Rehabilitation and Recovery Plan

Consultative Process of RRP Formulation

- **Preliminary Workshop**: Aug. 28, 2016
  Contents: Explanation of PDDP and RRP, viewpoint of reconstruction
- **Cluster Workshop**: Dec. 1-4, 2016
  Contents: Issue setting in 4 regions in the district
- **Vision Workshop**: Feb. 19-20, 2017
  Contents: District reconstruction vision setting
- **Planning Workshop**: Feb. 20-21, 2017
  Contents: Introduction of the example of reconstruction, RRP action list elaboration
- **Sectoral Committee**: Mar. 13-14, 2017
  Contents: RRP action list elaboration, discussion of utilizing hazard map for reconstruction and DRR
- **Final Presentation**: April 18, 2017
  Contents: Introduction of Draft RRP
Gorkha District’s Vision

“Beautiful, Equitable and Prosperous Gorkha through Agriculture, Tourism and Resilient Infrastructure”

Planning Period : 2016- 2026 (10 years)

Basic Policy

■ Recovery of Daily Lives
Housing Reconstruction, Restoration of Public Services (Administration, Health, Education and Social Welfare), Livelihood Restoration of Vulnerable population

■ Building Resilient District Structure
Utilization of Hazard Map, Restoration of Resilient Infrastructure, Establishment of DRR System

■ Recovery and Development of Regional Economy
Restoration of Agriculture, Restoration of Tourism, Restoration of Cottage and Small Industries
3. Rebuilding Local Infrastructure and Facilities

Source: Prepared by the Project Team based on Map of Survey Department Nepal
Bridge Construction along Barhakilo-Barpak Road

3 Bridges by Grant Aid project, 2 bridges by RRNE QIPs

5 Bridges, totally 289 meter long. Completed in November 2018.
Local Government & Police Office

Saurpani VDC

Barpak VDC
and Demo Model House

Palungtar Police Office
Health Care Facilities

Amppipal Hospital

Barpak Health Post

Community Centers

Bungkot CTC

Women Community Center
4. Livelihood Recovery Support

**Improved vegetable farming for women’s groups**
- **Location:** 6 VDCs in Gorkha
- **Beneficiaries:** 374 people

**Improved maize farming practices**
- **Location:** 3 VDCs in Gorkha
- **Beneficiaries:** 198 people

**Improved goat farming**
- **Location:** Barpak
- **Beneficiaries:** 80 people

**Establishment and enhancement of a women’s cooperative**
- **Location:** Barpak
- **Beneficiaries:** 415 people
5. Housing Reconstruction

JICA Target Area – Time Series (As of 26th December, 2018)

- PA Signing, 97.6%
- 1st Tranche, 97.5%
- Reconstruction Start, 92.9%
- 2nd Tranche, 89.0%
- Reconstruction Completion, 84.8%
- 3rd Tranche, 79.2%

Housing Reconstruction
JICA Target Area – By Ward (As of 26th December, 2018)

Good progress in Reconstruction and Tranche Distribution

Maximum % of final inspection
Community Mobilization Program (CMP)

1) Contents of 1st Phase CMP (Up to March 2018)

- **Orientation**
  for Community Based Reconstruction Committee (CBRC)

- **Community Meeting**
  for all the house owners

- **Technical Assistance by Mobile Mason**
  selected at the each community
to house owners and unskilled labors
Community Mobilization Program (CMP)

2) Contents of 2\textsuperscript{nd} Phase CMP (From April 2018)

- Ward Level Coordination meeting with Ward members and DLPIU Engineers
- Issue Specific Community Meeting for Beneficiaries who has specific issue
- Technical Assistance by Mobile Mason selected at the each community to house owners and unskilled labors
- Correction For non-compliant houses
Status of Vulnerable Beneficiaries

Total Vulnerable In Target Area: 272 out of 15,187 beneficiaries
### Status of Resettlement Beneficiaries

<table>
<thead>
<tr>
<th>Description</th>
<th>Gorkha Total</th>
<th>EHRP Target Area</th>
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</thead>
<tbody>
<tr>
<td>Number of resettlement beneficiaries</td>
<td>470</td>
<td>88</td>
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<tr>
<td>Number of resettlement beneficiaries receiving government support (Max. 200,000)</td>
<td>211</td>
<td>18</td>
</tr>
</tbody>
</table>

#### Pie Charts

- **Left Pie Chart:**
  - **44.3%**: Land Purchase with Government Money
  - **35.2%**: Land Purchase with Own Money
  - **20.5%**: Land Not Purchased

- **Right Pie Chart:**
  - **70.5%**: Reconstruction Started
  - **29.5%**: Reconstruction not started
# Major Issues related to Municipalities

<table>
<thead>
<tr>
<th>Status (15,187 Beneficiaries)</th>
<th>Major Issues (As of 9th January 2019)</th>
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</thead>
<tbody>
<tr>
<td><strong>1. Not Started</strong> (999 Beneficiaries)</td>
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<td><strong>2. Under Construction</strong> (12,681 Beneficiaries)</td>
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<td><strong>3. Completed, but with some Problems</strong> (765 Beneficiaries)</td>
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<tr>
<td><strong>4. Completed without any problems</strong> (742 Beneficiaries)</td>
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</table>
6. School Reconstruction

**JICA Project District:** 1) Lalitpur 2) Makwanpur 3) Dhading 4) Nuwakot 5) Rasuwa 6) Gorkha
Overall Progress Status

Progress Status: (as of December 2018)

- **153** Type Design approved (2 schools in Lalitpur has special Type Design)

- **236** Schools selected largely secondary/bigger schools (under concept of complete school)

- **78** schools of Batch 1 started reconstruction from June 2016 and **5** schools were completed. **27** schools of Batch 2 started reconstruction from August 2017 and **1** school was completed. **131** schools of Batch 3 started reconstruction from May 2018 and some packages are under procurement

- The project is highly appreciated by stakeholders in terms of its design (Gender, Child & Disabled Friendly), meeting the needs of schools, reaching remote areas as such.
Progress Status in Gorkha District

- In Gorkha district, **64 schools** have been reconstructed and scattered from Barpak as the north end to Ghyalchok as the south end.

- **Batch 1**: 28 schools of 6 packages are covered by the project.

- **Batch 2**: 9 Schools of 4 packages are under construction.

- **Batch 3**: 24 schools of 2 packages are under construction.

- **3 schools** have been completed and handed over to School Management Committees.
  - Bal Kalyan LSS in Chyangli
  - Dharmodaya SS in Mirkot
  - Sharada SS in Kohoplang
During Construction

• Construction progress is slow, especially at schools in Batch 1. This is due to revision of site plan during construction, bad accessibility in rainy season, contractors’ poor performance and local issues etc.
• Construction safety has been constant challenge while working with local contractor.
• Ensuring quality of construction with proper supervision and monitoring is another challenge.

Requests to Local Government

• Local Government’s cooperation is an important key for prompt completion.
• Supports from local communities to consultants/contractors are very crucial, such as on quick revision of site plan, provision of facilities like water, power and material storing space and disposal of debris.
• Encouraging awareness of local people for the purpose of the school construction can prevent/mitigate local issues and expedite works for early completion.
• Educating students about dangers of construction site and keeping them away from construction site can protect them from fatal accidents.
After Construction

- After Construction, effective utilization of the facilities including proper operation and maintenance has been observed as an issue. In JICA’s quick observation, following issues were observed:
  - inadequate cleanliness and utilization of the facilities with some facilities already broken down;
  - no budget with school for operation and maintenance of the facilities;
  - less awareness on effective utilization and properly maintaining the facilities; and
  - less number of students in the schools.

Requests to Local Government

- Local Government’s role is highly expected to ‘ensure’ that schools are operated well.
- Schools shall secure budget for operation and maintenance for durability of the facilities from local government, for example, in order to repair the damages on facilities caused by students and to secure water resource for toilet block and kitchen utilities etc.
- Awareness and advocacy program for students and school management committees needs to be conducted regularly on school cleanliness, and proper utilization of the facilities.
Thank you for your attention.