

## Japanese Contributions to Reconstruction and Recovery in Gorkha



20 January 2019  
JICA Nepal

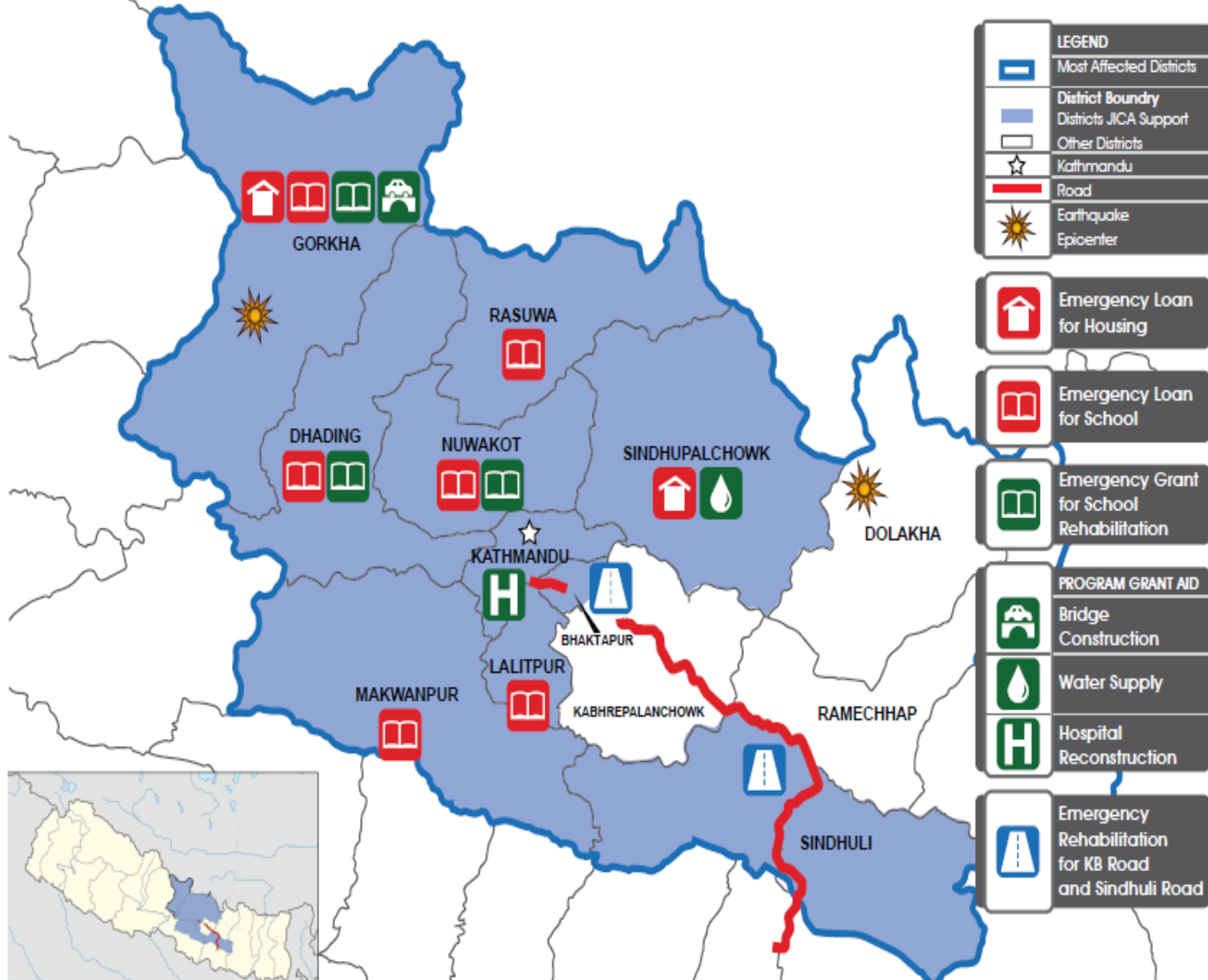
# Our Support for EQ Recovery

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**

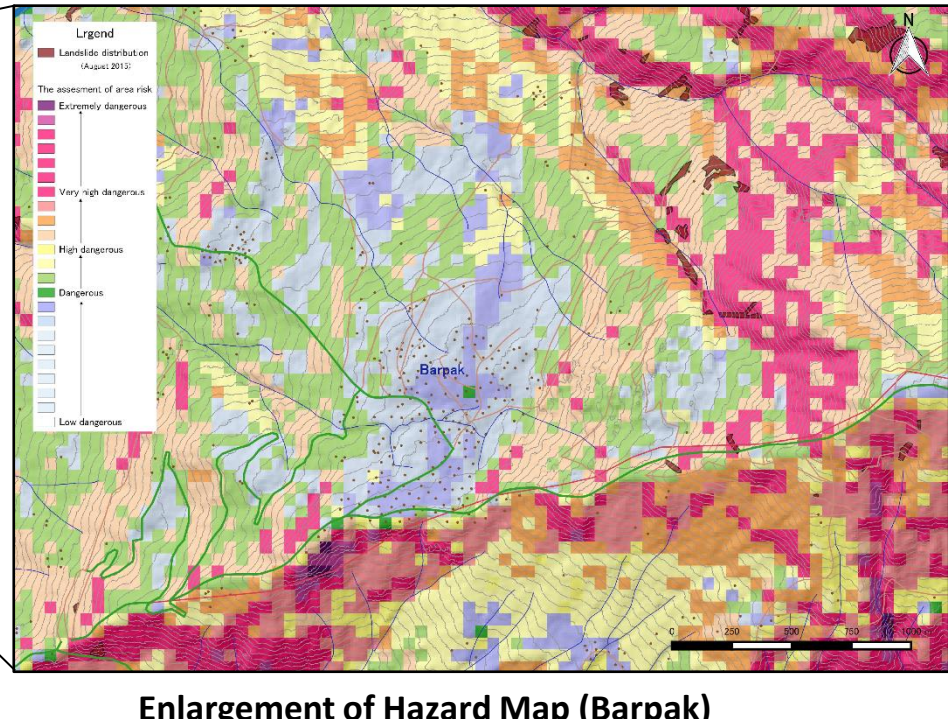
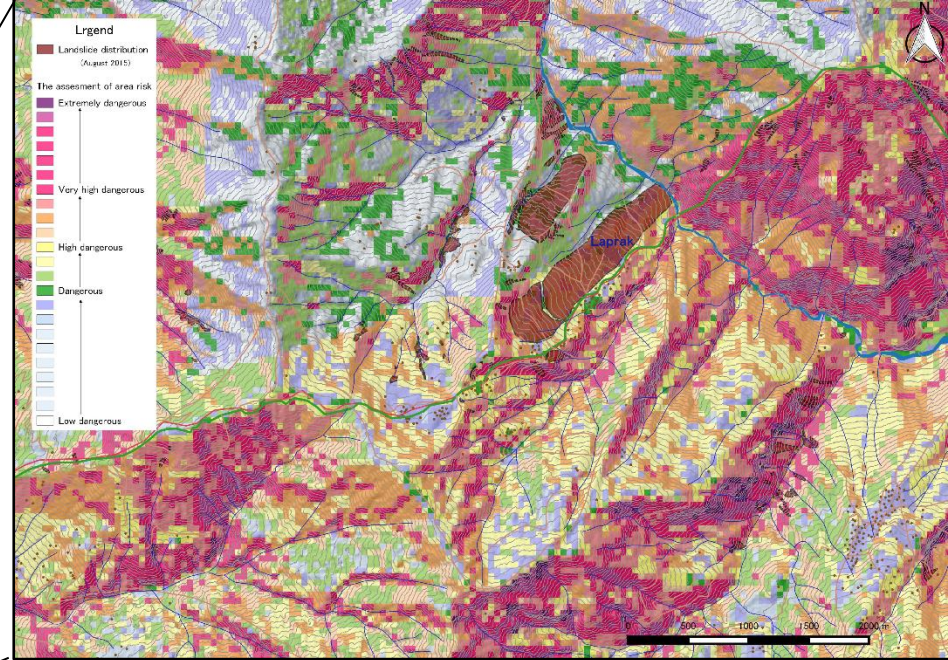
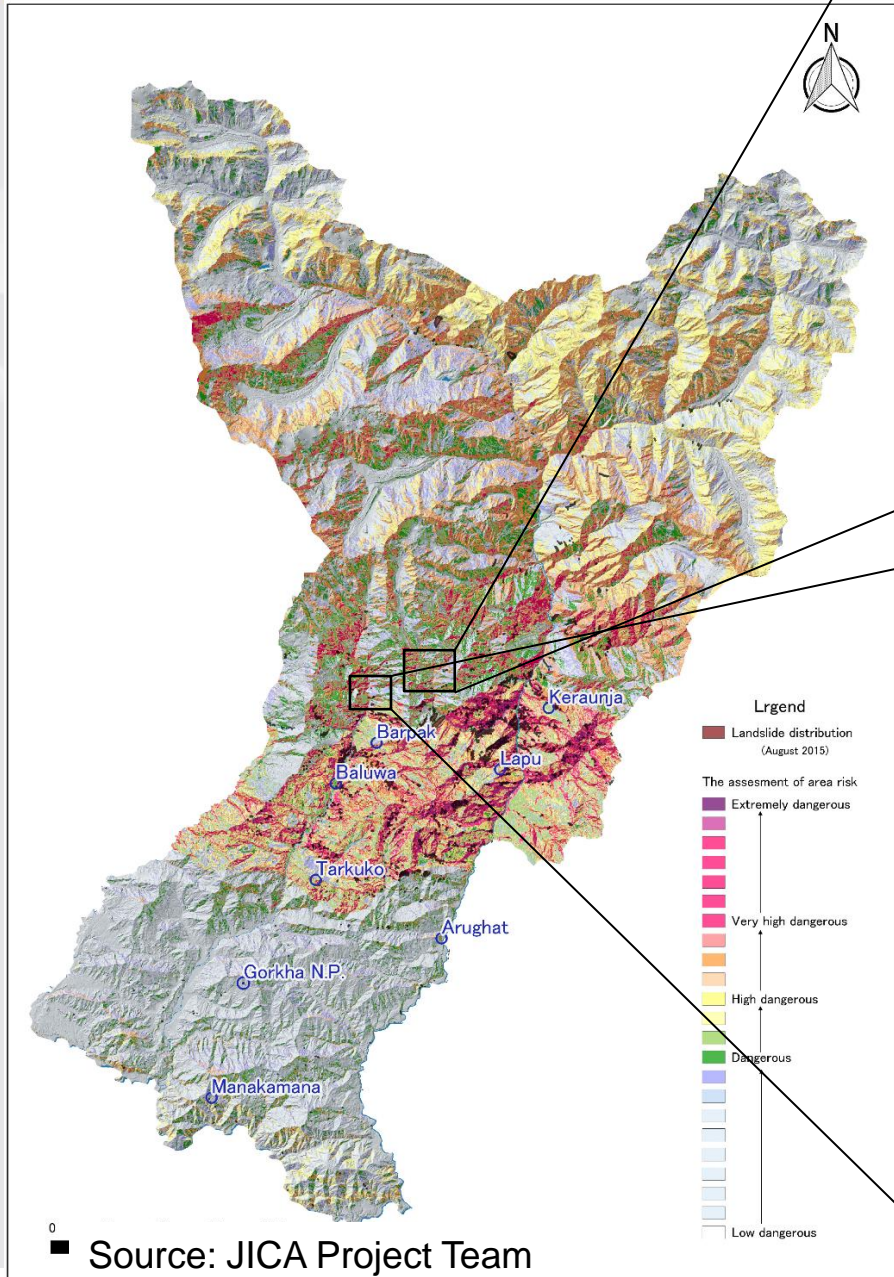








# 1. Hazard Maps





## 2. District Rehabilitation and Recovery Plan

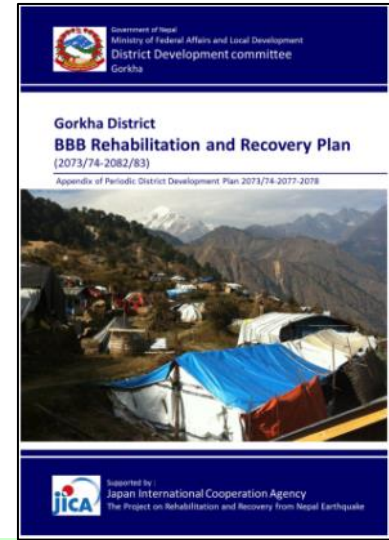
### Consultative Process of RRP Formulation

- **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

QIP'S



## Public Facility



## Infrastructure

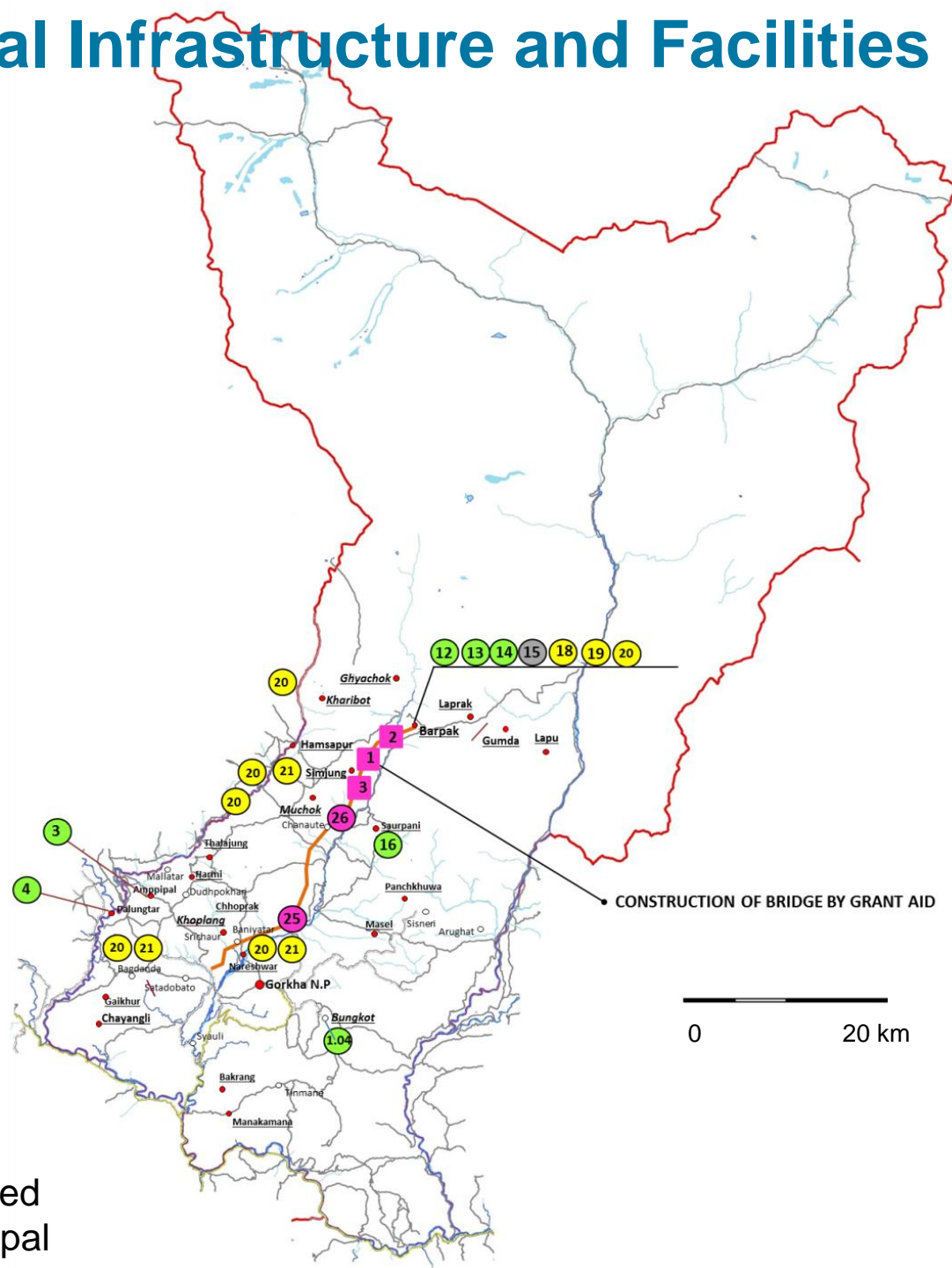


## Livelihood

## GRANT AID



## Infrastructure



- CONSTRUCTION OF BRIDGE BY GRANT AID

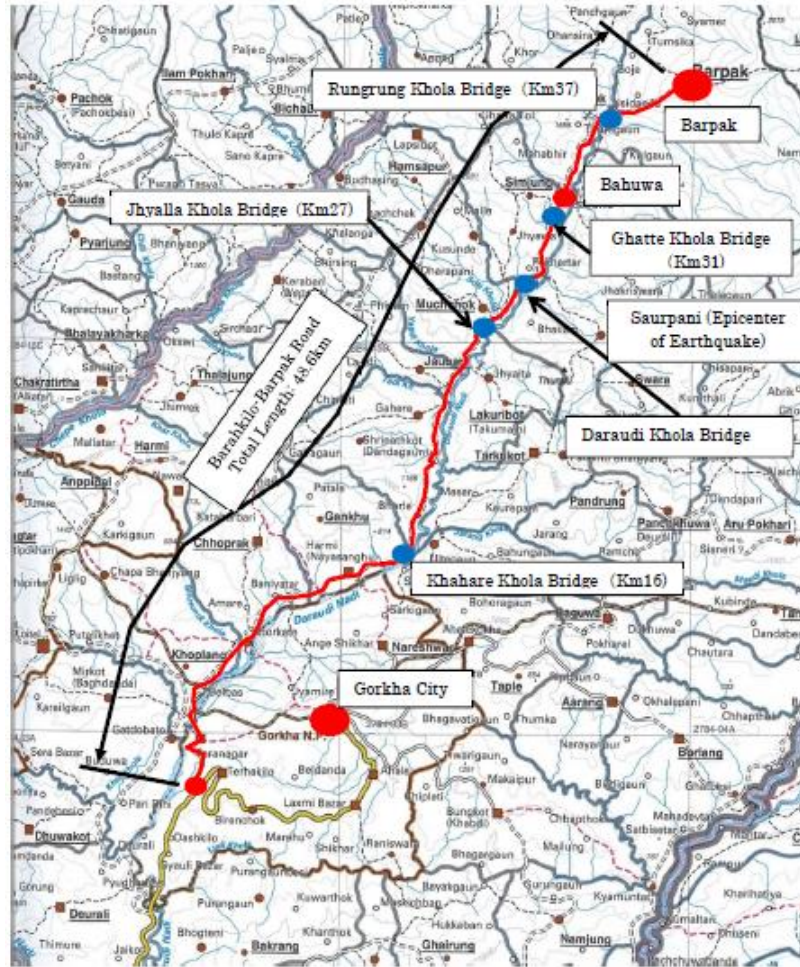
0 20 km

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 国際協力機構 10



## 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

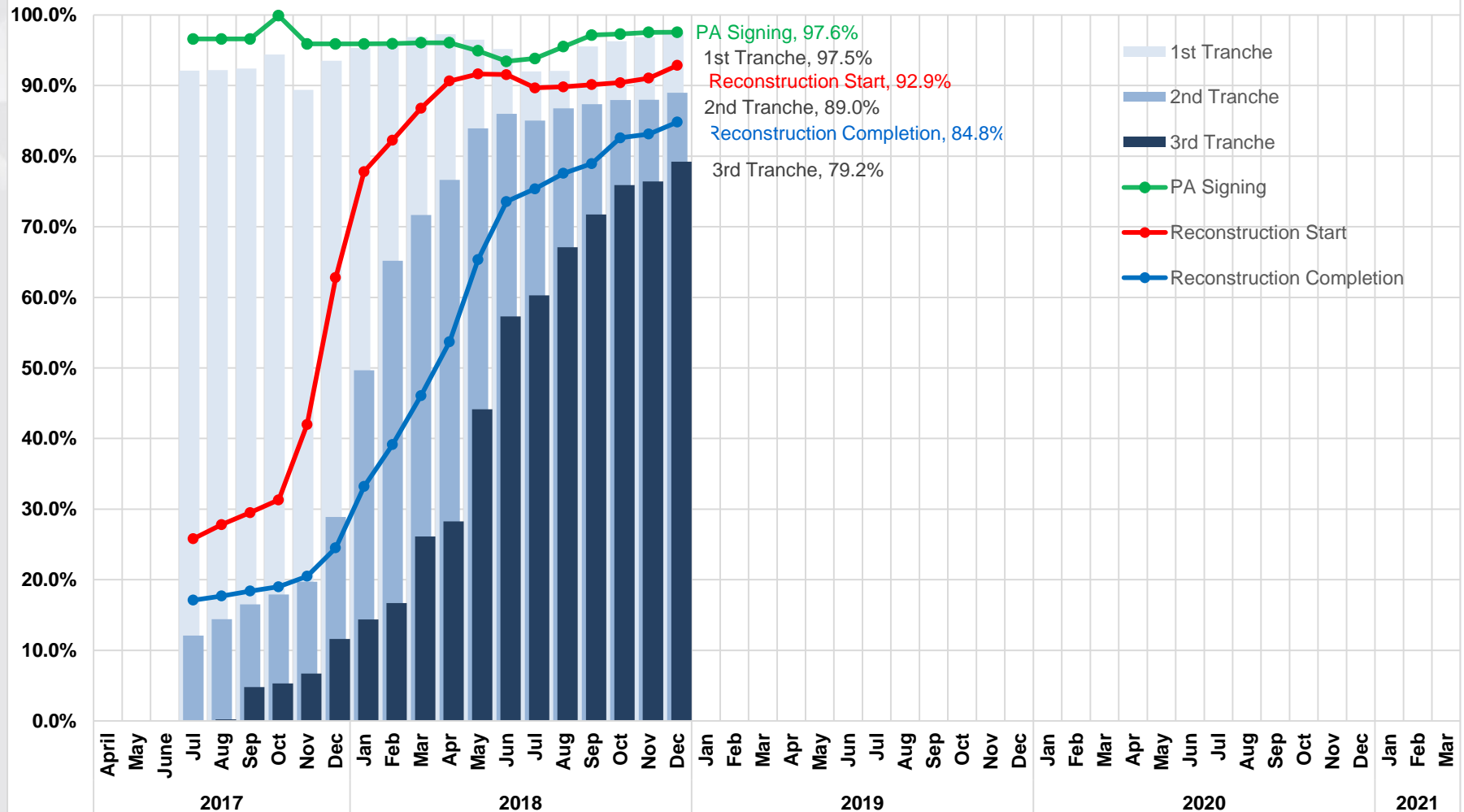
### Establishment and enhancement of a women's cooperative

- **Location:** Barpak
- **Beneficiaries:** 415 people



# 5. Housing Reconstruction

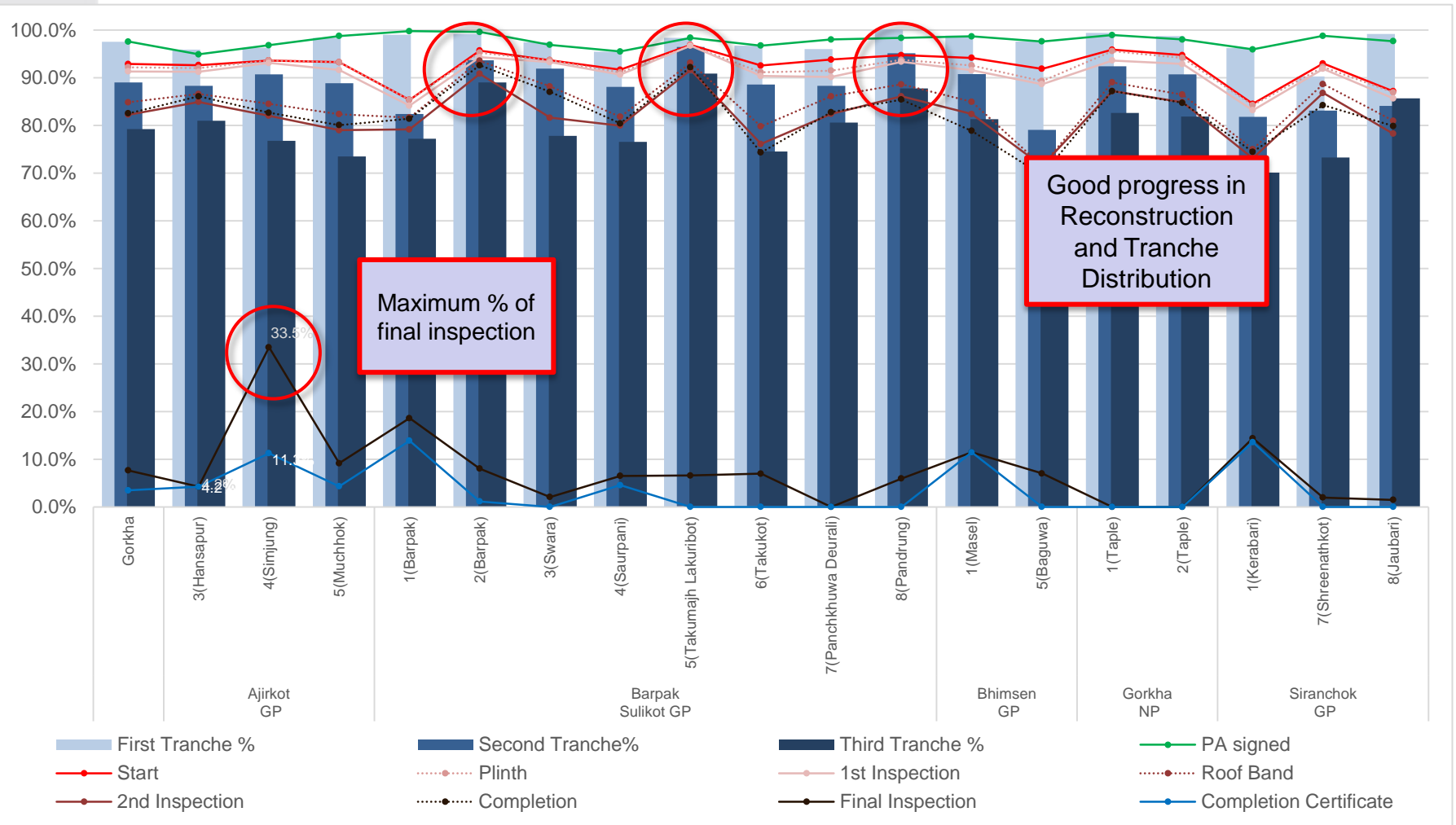
## JICA Target Area – Time Series(As of 26<sup>th</sup> December, 2018)





# Housing Reconstruction Status

## JICA Target Area – By Ward (As of 26<sup>th</sup> December, 2018)



# Community Mobilization Program (CMP)

## 1) Contents of 1<sup>st</sup> 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<sup>nd</sup> 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

+

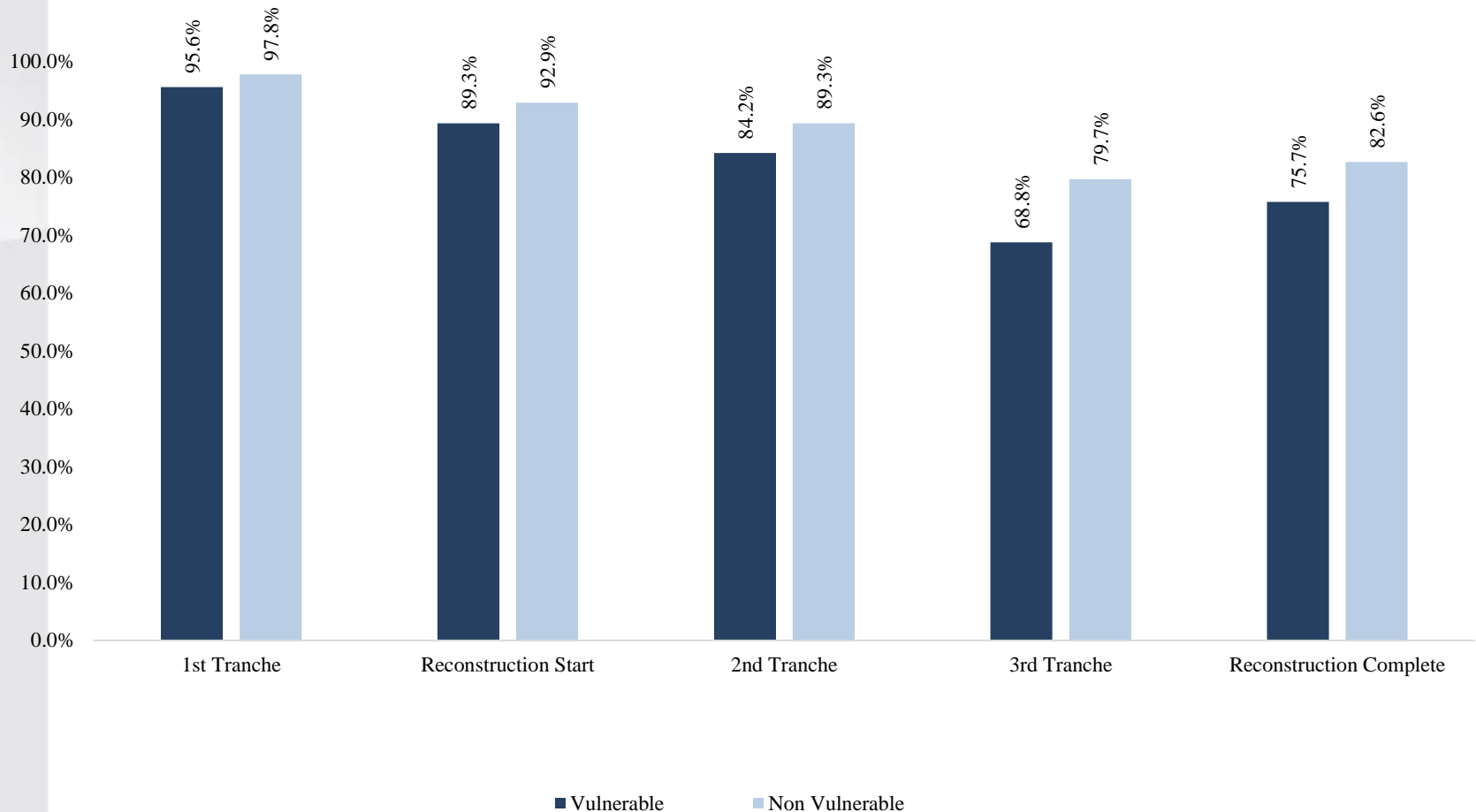
**Technical  
Assistance by  
Mobile Mason**  
selected at the  
each  
community  
to house  
owners and  
unskilled  
labors

+

**Correction**  
For non-  
compliant  
houses



# Status of Vulnerable Beneficiaries

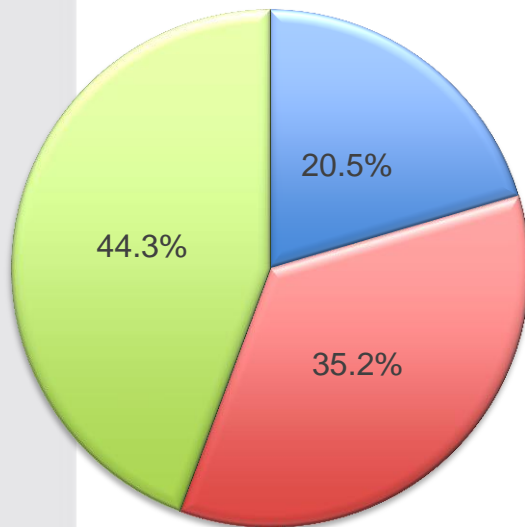


Total Vulnerable In Target Area: 272 out of 15,187 beneficiaries

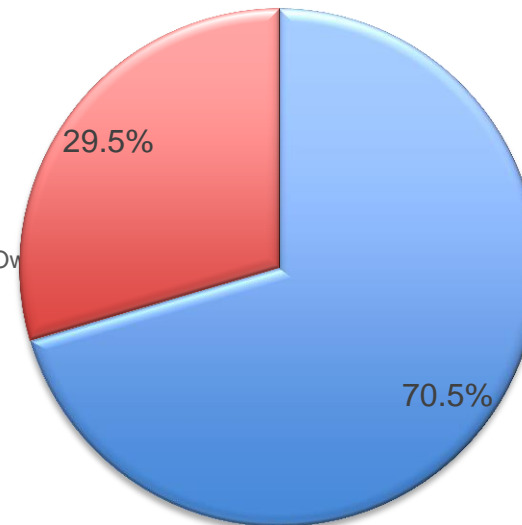


# Status of Resettlement Beneficiaries

Description	Gorkha Total	EHRP Target Area
Number of resettlement beneficiaries	470	88
Number of resettlement beneficiaries receiving government support (Max. 200,0000)	211	18



- Land Purchase with Government Money
- Land Purchase with Own Money
- Land Not Purchased



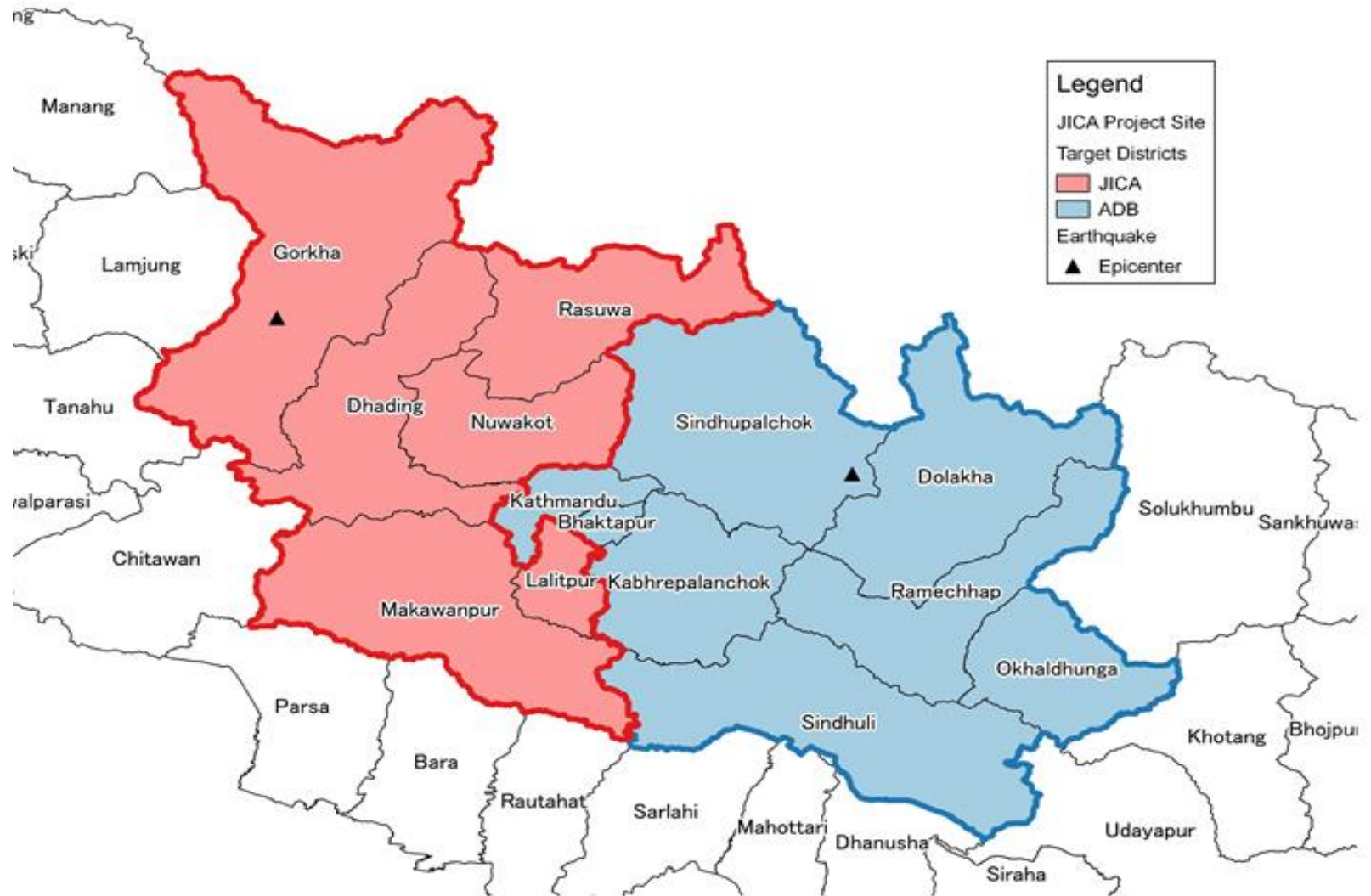
- Reconstruction Started
- Reconstruction not started

# Major Issues related to Municipalities

Status (15,187 Beneficiaries)	Major Issues (As of 9 <sup>th</sup> January 2019)
1. Not Started ( <b>999</b> Beneficiaries)	<ul style="list-style-type: none"> <li>Beneficiary Duplication : 145 (14.51%)</li> <li>Out of contact /Unknown Beneficiary : 117 (11.71%)</li> <li>Will not construct : 57 (5.71%)</li> <li>Migrated elsewhere : 54 (5.41%)</li> <li>Resettlement beneficiary : 41 (4.10%)</li> <li>Death : 36 (3.60%)</li> </ul>
2. Under Construction ( <b>12,681</b> Beneficiaries)	<ul style="list-style-type: none"> <li>DLPIU engineer not available : 1,431 (9.16%)</li> <li>Record keeping not completed : 845 (5.56%)</li> <li>Old house not demolished : 568 (3.74%)</li> <li>Building permit not completed : 142 (0.94%)</li> <li>No immediate plan to continue : 97 (0.43%)</li> <li>Pending in Ward office : 75 (0.28%)</li> <li>Delayed due to Integrated Settlement decision : 70 (0.43%)</li> </ul>
3. Completed, but with some Problems ( <b>765</b> Beneficiaries)	<ul style="list-style-type: none"> <li>Waiting for good quality certificate : 286(37.39%)</li> </ul>
4. Completed without any problems ( <b>742</b> Beneficiaries)	



# 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.

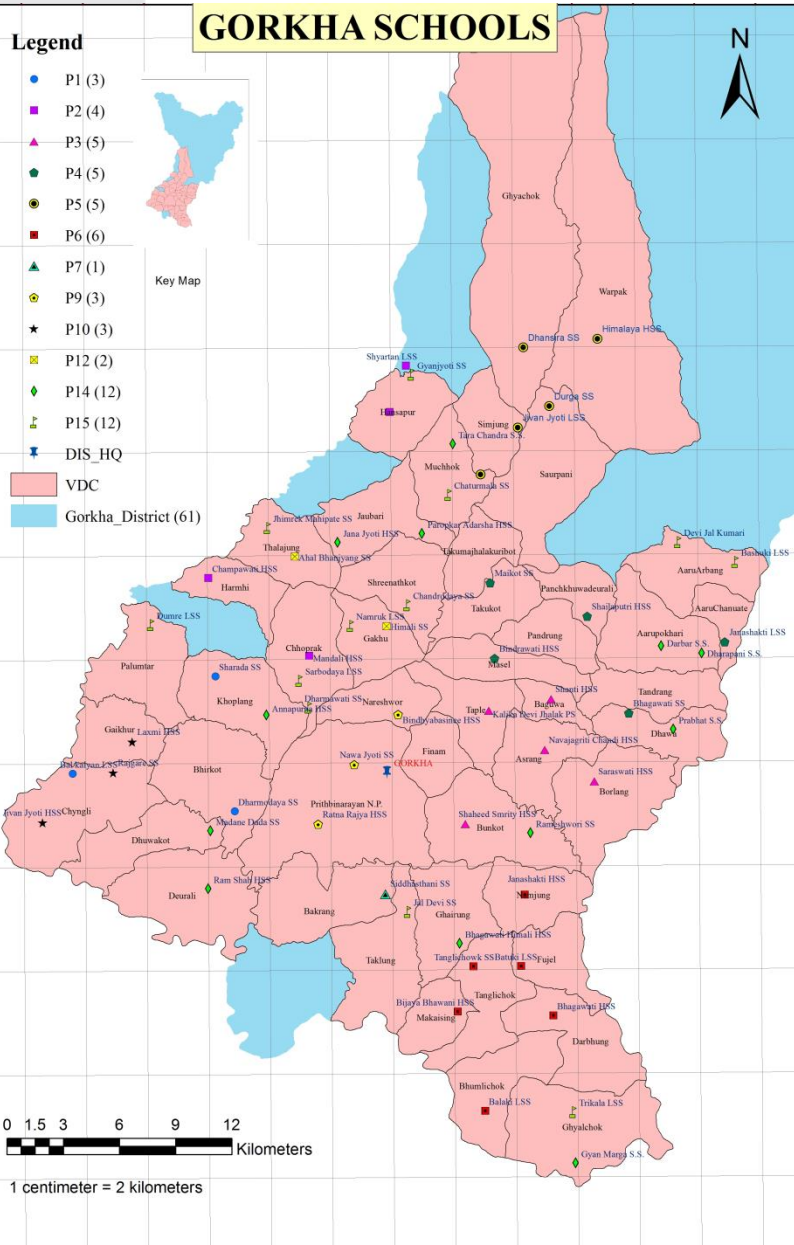




# Progress Status in Gorkha District

## Progress Status: (as of December 2018)

- 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.
- 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
- Batch 2: 9 Schools of 4 packages are under construction.
- Batch 3: 24 schools of 2 packages are under construction.



# Issues and Requests to Local Governments (1)

## 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.



# Issues and Requests to Local Governments (2)

## 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.**