



## Promoting Action for Disaster Risk Governance and Working to Achieve Preparedness for Risk Reduction through Technical Assistance in Nepal – PARIWARTAN





Discussion with Community Members, Purbichowki Rural Municipality. © 2022 IOM Nepal

# A GLIMPSE OF PARIWARTAN

The Promoting Action for Disaster Risk Governance and Working to Achieve Preparedness for Risk Reduction through Technical Assistance in Nepal – PARIWARTAN project is implemented by International Organization for Migration (IOM) – the UN Migration Agency to support the Government of Nepal in developing resilient community through improved federal, provincial, and local disaster risk reduction and management (DRRM) legislative regulatory framework that facilitates timely and comprehensive disaster management. Under the leadership of Ministry of Federal Affairs and General Administration and support from the United States Agency for International Development/Bureau for Humanitarian Assistance (USAID/BHA), the project officially commenced from 15 August 2019.

Building upon the learnings and foundations established by Phase I - Technical Support to Government of Nepal to Implement Disaster Risk Reduction and Management Act project, USAID/BHA supported IOM with Phase II 'Promoting Action for Disaster Risk Governance and Working to Achieve Preparedness for Risk Reduction through Technical Assistance in Nepal (PARIWARTAN)' project.

The project is implemented to assist Government of Nepal to enhance the Disaster Risk Reduction and Management (DRRM) governance at federal, provincial, and local levels. To achieve this, the project is supporting in strengthening the legal framework of both the provincial and local levels considering the roles and responsibilities of the federal, provincial as well as local governments for effective and efficient disaster prevention, preparedness, response, and recovery activities.

*The objective of the project is to contribute to improved federal, provincial, and local DRRM legislative regulatory framework that facilitates timely and comprehensive disaster management with strengthened capacity to develop resilient community.*



Training in Progress, Nagarjun Municipality. © 2022 IOM Nepal



Group Photo, Nason Rural Municipality. © 2022 IOM Nepal

# For improved federal, provincial and local DRRM legislative regulatory framework to develop resilient communities

15 August 2019 – 31 January 2023

How much?

USD 2,302,622



Where?

1

Federal Level

7

Provinces

753

Local Levels



How?

- 1 Support all three tiers of government in implementing DRRM Act through coordinated effort.
- 2 Provide technical assistance to Provincial Governments in implementing the DRRM Act with inclusive response towards DRRM.
- 3 Support at all 753 Local Governments in strengthening capacity for implementing DRRM through localized DRRM law, policies, strategic action plan in place.

# AT THE FEDERAL LEVEL

## Coordination with Three Tiers of Government

The project, under leadership of Ministry of Federal Affairs and General Administration (MoFAGA) and guidance of Project Advisory Committee (PAC), supported the federal government to improve and institutionalize disaster risk reduction and management work and practices in line with new laws and policies. IOM established a 'Project Advisory Committee (PAC)' chaired by Joint Secretary of MoFAGA and has members representing from Ministry of Home Affairs (MoHA), National Disaster Risk Reduction and Management Authority (NDRRMA), Ministry of Forest and Environment (MoFE), Ministry of Urban Development (MoUD), National Planning Commission (NPC), Municipality Association of Nepal (MuAN), Network of Rural Municipalities (NARMIN) and IOM for a coordinated approach to DRRM. The project was implemented in close coordination with MoFAGA at federal level, and Ministry of Internal Affairs and Law (MoIAL) at provincial level. In due coordination with federal and provincial government, strengthening of capacity of all local levels on DRRM was carried out.



*Project Advisory Committee Meeting Convened at Ministry of Federal Affairs and General Administration.*

# Disaster Risk Management Localization Manual

A comprehensive Disaster Risk Management (DRM) operational training manual, owned by Ministry of Federal Affairs and General Administration (MoFAGA), was developed to roll out the capacity building trainings to all 753 local levels. The manual - 'Disaster Risk Management Localization Manual - A Training Manual for DRM Capacity Building of Local Governments' with a total of 16 sessions that encompasses various DRM themes, tools and information developed based on the needs and capacity assessment of local government with regards to DRM is the cornerstone document for DRRM localization. This study was carried out under the phase I of the project in 2018/19. The final manual was endorsed by the first PAC meeting on 4 March 2020 and likewise National Level Master Training of Trainers (NMTotT) on DRM training manual was conducted in Kathmandu post endorsement of the manual. The selected 17 candidates were mobilized to work further in rolling out the master trainings at the provincial level.



“I am fully confident that this training guide will be helpful in augmenting the efficacy of local governments in disaster risk reduction and management by mobilizing local communities and volunteers.”

– **Mr Surya Prasad Gautam**  
Secretary  
Ministry of Federal Affairs and General Administration



*Disaster Risk Management Localization Manual. © 2020 IOM Nepal*





# Open Space

In coordination with National Disaster Risk Reduction and Management Authority (NDRRMA), the information on the re-assessment of open spaces of Kathmandu valley and other districts of Bagmati, Gandaki and Lumbini Provinces were integrated into Building Information Platform Against Disaster (BIPAD) platform. On BIPAD, users can search for route displays to specific open spaces on Google Maps. This further enables users to identify open spaces near themselves, and the best way to get there in case of a disaster.

The open space mobile application, Open Space Nepal, has been developed with the purpose of providing guidance for the public in the event of a disaster. Open Space Nepal includes features such as displaying the location and capacity of identified open spaces, facilities in the vicinity of the open space that are important for humanitarian response such as hospitals and police stations, as well as a reporting function where users can send updates about the state of the open spaces in the event of encroachment. Moreover, the user can select open spaces from the map and be provided with route descriptions.

**OPEN SPACE NEPAL APP**

Download now

Download on the App Store | GET IT ON Google Play

**?** **HOW CAN OPEN SPACE NEPAL APP HELP DURING DISASTER?**  
With the aim to strengthen emergency preparedness and to provide the initial response planning framework for local governments and humanitarian agencies, Open Space Nepal gives a starting point for life-saving assistance to those in immediate need of support, including displaced populations.

**📍** **ONE-CLICK ROUTING TO SAFER LOCATIONS**  
Route to the nearest open-space from the user location during an emergency or navigate through multiple route options from users' location to open-space.

**👤** **I SUPPORT OPEN SPACE**  
The application enables a feature on Facebook allowing users to superimpose the message Protection of Open Spaces- My Responsibility on their profile photos.

**!** **HUMANITARIAN ASSISTANCE**  
Get notified about humanitarian assistance provided by the humanitarian agencies during and after a disaster.

**IOM UN MIGRATION** | **USAID FROM THE AMERICAN PEOPLE**

## Advocacy for the Effective Implementation of the DRRM Act through Media

To sensitize the federal, provincial and local governments as well as community people and to raise awareness for real time action and implementation of DRRM policy provisions, 52 TV episodes “Talk of the Town” was developed and aired. The media advocacy mainly focused on formation and structuring of authority at federal level, sensitization and awareness campaigns at different high-risk municipalities, and provinces to make them accountable on their role and responsibilities regarding the effective implementation of the DRRM Act.

Additional 7 episodes were developed and broadcasted focusing on COVID-19 preparedness and response efforts of Government of Nepal. These episodes covered the efforts of federal, provincial, and local governments for COVID-19 preparedness and response, awareness message to public and key suggestion to the government from experts on COVID-19 preparedness and response.



*Discussion with Community Members, Tikapur Municipality. © 2022 IOM Nepal*

## PREPAREDNESS

As per the commitments expressed by the Mayor of Lalitpur Metropolitan City (LMC) in the television episode, Metropolitan City has formed and trained 101 volunteers to use them at the time of disasters. Construction of 30,000 litres water tank at four places has been completed as a strategy for both water supply and fire preparedness in urban settlements. LMC has allocated five million rupees in their local level disaster management fund and provisioned allocation of NPR. 300,000 for disaster management fund. Most importantly after mayor's commitment LMC has established a well-functioning Emergency Operation Centre and has further committed to function it for 24 hours all the week.

## DISASTER MANAGEMENT FUND

After their commitment in TV episode, Udayapurgadhi Rural Municipality (RM) has endorsed a policy to provide NPR. 50,000 and NPR. 20,000 for households losing their family members and with damaged households respectively. RM has also allocated NPR. 4,000,000 in disaster management fund for preparedness activities. RM has also started taking strict measures against unplanned road constructions which is one of the major issues of disaster in RM.

## COMMUNITY AWARENESS

The chairperson of Rapti Sonari Rural Municipality (RM) committed to prioritize disaster preparedness and community awareness in a discussion episode for TV program, of which they have introduced welfare and response package program for flood and other disaster preparedness. The RM has formed a 6 - 12 members task force in each wards and mobilized for disaster awareness campaigns. Warehouse has been constructed at several words and RM has stockpiled first aid and lifesaving as well as search and rescue materials in the warehouse.

## AT THE PROVINCIAL LEVEL

For facilitation of effective policy making and ensuring mainstreaming of disaster risk reduction and management into the development plans of the provinces, project supported to strengthen the capacities of the provincial institutions, mainly, Provincial Planning Commission (PPC), Provincial Emergency Operation Centres (PEOC), and Provincial Disaster Management Executive Committees (PDMEC).

The project conducted consultative workshops under the leadership of provincial assembly speakers, and representing MPs, and under the leadership of the Deputy Speaker of the Provincial Assembly and elected women representatives to share and discuss their role on the process of mainstreaming DRRM into the legislation process and policy documents, and for improving coordinated actions for inclusive DRRM.



*PPC Consultation Session in Progress, Lumbini Province. © 2022 IOM Nepal*



## Consultation with Provincial Planning Commissions (PPC)

A first round of introductory consultation was conducted in 2020 under the leadership of provincial planning commission and representation of Provincial Government to share and discuss on the process and mainstreaming DRRM into the planning process and policy documents. This effort was continued in the second round of the consultations and technical workshops to update and mostly follow up on the recommendation received from the first round and provide technical assistance to Provincial Planning Commissions (PPCs) to mainstream DRRM in the formulation of the periodic plan and programs.



Consultation Session, Karnali Province. © 2022 IOM Nepal

**13** events PPC consultations were held reaching out to **204** members (160 male and 44 female).

Our local and indigenous knowledge holds technicality in managing impacts of disaster. Our focus should be on assessing these knowledge and skills and analyzing the gaps to reinforce these existing capacities and implement in our developmental activities for effective disaster risk reduction and management. - Hon. Subodh Raj Pyakurel, Vice Chair, Provincial Planning Commission, Province 1

There is a need to encompass aspects of human needs and interest in our disaster risk governance as our policies are yet to instill importance of disaster risk reduction and management in our institutions and society. – Hon. Hikmat Kumar Karki, Ministry of Internal Affairs And Law, Province 1



Group Photo PPC Consultation, Gandaki Province. © 2022 IOM Nepal

## Consultation with Provincial Disaster Management Executive Committees (PDMEC)

The consultations centred on need of provincial government to work in line with the national priorities and objectives, implement and monitor DRRM related works at the provincial level, and coordinate, collaborate and foster healthy competition with other provinces and local governments.



Group Photo PDMEC Event in the Presence of MoIA Minister, Gandaki Province. © 2022 IOM Nepal

**7** consultation  
events with  
PDMEC  
members

(benefitting **165** people,  
**151** male and **14** female)  
were held.



## Consultation with Provincial Emergency Operating Centres (PEOC)

The consultations were organized to contribute to enhancing the capacity of PEOC and staffs of the provincial ministry overseeing emergency coordination, communication, and data management/dissemination to improve coordination and better functioning of the emergency operating centres.



PEOC Consultation in Progress, Lumbini Province. © 2022 IOM Nepal

**7** consultation events with PEOC (benefitting **266** people, **227** males and **39** females) were held.



१. खासगरी विद्युत् आपूर्तिको कमीको बारेमा  
 २. स्वास्थ्य सुविधाको अभावको बारेमा जानकारी  
 ३. खासगरी स्वास्थ्य सुविधाको अभावको बारेमा  
 ४. स्वास्थ्य सुविधाको अभावको बारेमा  
 ५. स्वास्थ्य सुविधाको अभावको बारेमा  
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 ९. स्वास्थ्य सुविधाको अभावको बारेमा  
 १०. स्वास्थ्य सुविधाको अभावको बारेमा

USAID IOM  
 विपद् जोखिम ह्यूनीकरण  
 तथा व्यवस्थापन स्थानीयकरण  
 निर्देशिका सम्बन्धी स्थानीय  
 तहमा क्षमता अभिवृद्धि तालिम

NSET

## DRRM Simulation

Tabletop exercise (TTX) was conducted based on a major earthquake scenario with violent shaking, power cut off, breakdown in communication, severe damage to physical infrastructures, and buildings severely damaged or collapsed in 7 provinces. The TTX demonstrated the importance of strengthening interagency emergency preparedness, response, and communication. Discussions among various levels of government and humanitarian partners helped bring more clarity on the immediate response and coordination requirements in responding to disasters.

Additionally, a Provincial Water Induced Disaster Simulation Exercise was held under the leadership of Ministry of Internal Affairs, Law and Communication, Lumbini Province. The simulation supported the provincial government's effort in preparedness and response and was successful in creating synergy and enhancing cooperation among different frontline actors involved in rescue and response.

A total of **573** people (**521** males and **52** females) participated in the simulations.



Provincial Water Induced Disaster Simulation Exercise, Lumbini Province. © 2022 IOM Nepal



Provincial Water Induced Disaster Simulation Exercise, Lumbini Province. © 2022 IOM Nepal

## Effective Policy Making and Ensuring Mainstreaming of DRRM in the Provincers

The consultative workshops were conducted under the leadership of provincial assembly speakers and representing Members of Parliament to share and discuss their role on the process of mainstreaming DRRM into the legislation process and policy documents.

The consultative workshops were conducted under the leadership of the Deputy Speaker of the Provincial Assembly and focused on improving coordinated actions for inclusive DRRM. The discussions centred around the need of increasing role of women leaders, establishing platform for discussion on adoption of gender sensitive risk reduction practices in formulation and amendment of policies and programs, allocating budget for empowering women and increasing their coping capacity and organizing knowledge sharing and awareness building campaigns on DRRM ensuring gender inclusive participation.

Seven Virtual Media Sensitization Workshops across seven provinces in coordination with the Federation of Nepali Journalists (FNJ) to support integration of DRRM policies and programs and to contribute to safer and resilient communities. A total of 99 journalists (78 males and 21 females) learned about DRRM news coverage and shared their experiences and suggestions.

**152** parliamentarians  
(**88** males and **64** females).

A total **179** women  
representatives  
participated.

A total of **99**  
journalists  
(**78** males and **21** females)  
participated.

## Support for the Formulation of Provincial Plans

The project supported the provincial governments to prepare their respective Monsoon Emergency Response Plan (MERP) - particularly in coordination, review, translation, editing etc. in their respective provinces. Both technical and financial support were provided in Province 1 whereas technical support was provided particularly in Madhesh Province, Bagmati Province and Gandaki Province. In Bagmati Province, the team helped to include the details of open spaces (which can be used for evacuation or humanitarian response) in the plan.

In Province 1, the project also helped organize two events for the finalization of Provincial DRRM Policy and Strategy document. The DRRM Policy and Strategy is expected to support in the implementation of the DRRM Act 2017 and localization of DRRM. The contribution by the project was widely appreciated by respective provincial ministries, and lead UN agencies as well as humanitarian clusters.



*Monsoon Emergency Response Plan Finalization Program, Madhesh Province. © 2021 IOM Nepal*

## Provincial Training of Trainers on DRRM

The project reached out to government officials working at provincial, district and local levels within each province interested to work as DRRM trainers and built their capacity on Disaster Risk Management Localization Manual, so the DRRM localization movement moves forward even after the project tenure. 19 Provincial Training of Trainers (PToT) were conducted in seven provinces and 349 government officials (304 males and 45 females) at the provincial level were developed as master trainers on Disaster Risk Management Localization Manual and their database was submitted to MoFAGA for future use.

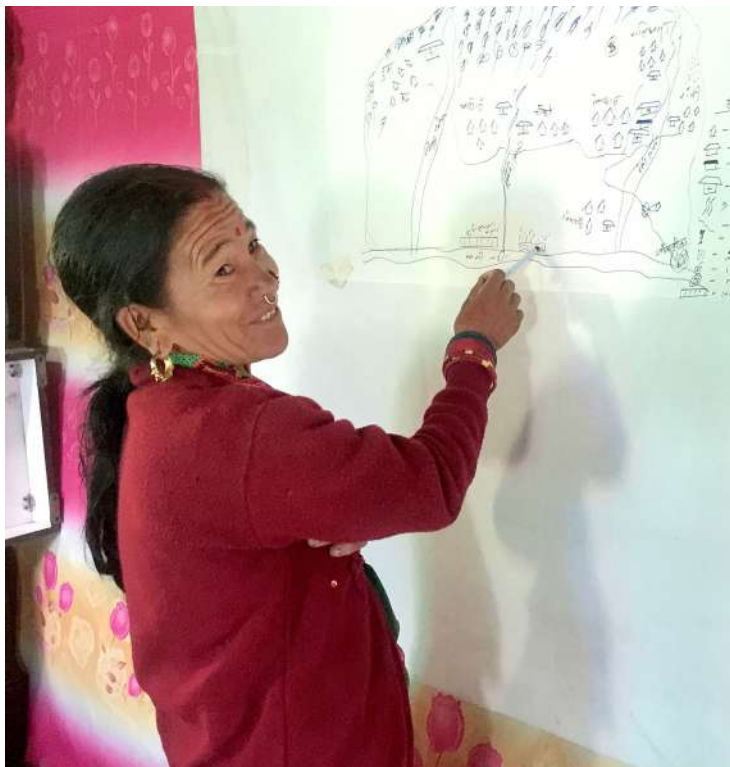


Training in Progress, Bagmati Province. © 2021 IOM Nepal

**349**  
government officials  
(**304** males and **45** females)  
developed as  
master trainers.

# AT THE LOCAL LEVEL

At the local level, project reached out to all local levels including the remotest local governments with trainings on DRRM Localization Manual. Furthermore, technical support was provided on DRRM legislative framework based whenever there was request from the local government.



Ward Member from Chankheli Rural Municipality Presenting during Local Level Training. © 2021 IOM Nepal



Local Resource Map, Tikapur Municipality. © 2022 IOM Nepal





Group Photo, Lomanthang Rural Municipality. © 2022 IOM Nepal



Local Level Training, Nagarjun Municipality. © 2022 IOM Nepal

## Leaving No Local Levels Behind

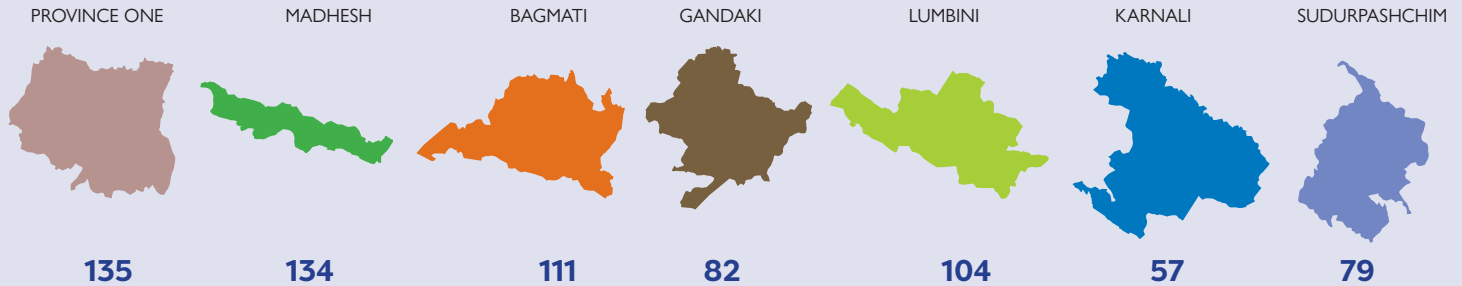
The project reached out to 702 of the total 753 local governments through DRRM localization trainings based on the Disaster Risk Management Localization Manual. Among the remaining 51 local governments, 14 were covered by IOM's first phase DRRM initiative, and 37 by other IOM projects and USAID funded projects implemented by different organizations.

Altogether over 18,000 local government elected representatives and government officials benefitted from the training. The project partnered with a consortium of National Society for Earthquake Technology (NSET) – Nepal, Practical Action Consulting (PAC) and Lutheran World Federation (LWF) Nepal for the implementation of the training component. The project coordinated with National Association of Rural Municipality in Nepal (NARMIN) and Municipal Association of Nepal (MUAN) as well for smooth implementation of the trainings.

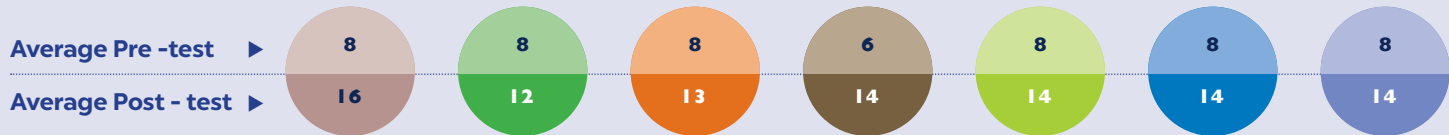


Local Level Trainings. © 2022 IOM Nepal

## Trainings under PARIWARTAN

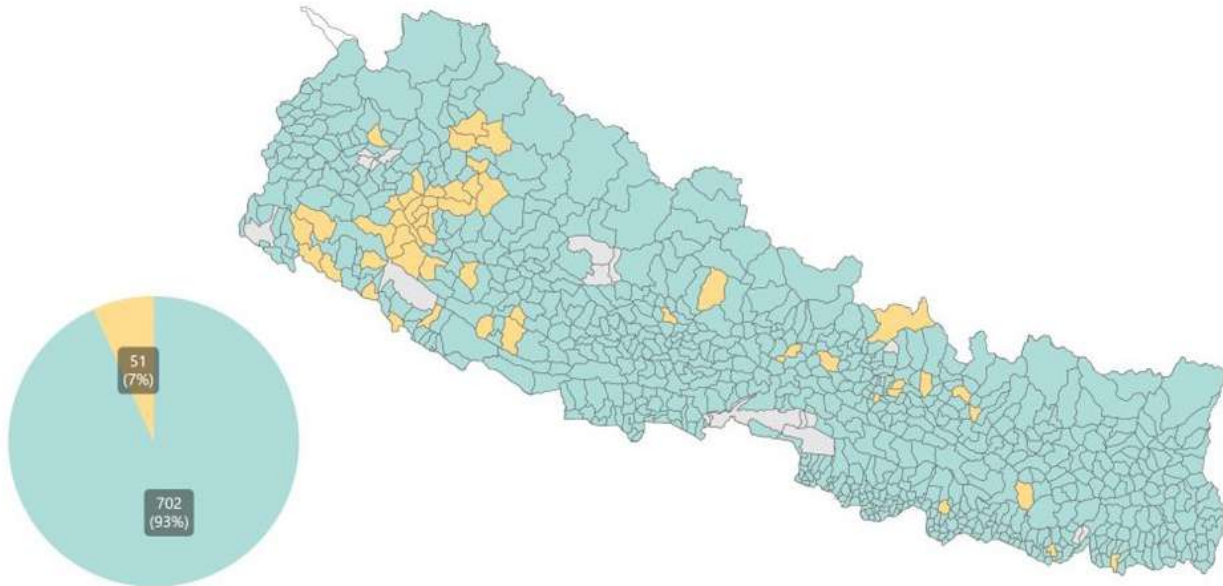


### Test Scores



Comparing the pre-test and post-test responses on DRRM in local level trainings, it was observed that the knowledge on DRRM had increased by 75%.

## Local Level Training for Disaster Risk Reduction and Management Capacity Building of Local Governments



- Completed through USAID's BHA funded PARIWARTAN project
- Protected areas
- Completed through other USAID and USAID/BHA funded projects and IOM projects

# Technical Support for Disaster Management Fund Guideline Lalitpur Metropolitan City, Bagmati Province

When DRRM localization training was conducted in the city (through Phase I), the city officials realized that Disaster Management Fund Guideline was urgently needed. Following a request from LMC authorities, the project supported in the formulation of Disaster Management Fund Guideline for Lalitpur Metropolitan City (LMC) as part of IOM's technical support to the local governments.

LMC officials have praised the initiative and acknowledged the importance of the guideline not only in disaster relief but also preparedness and planning. "This document has undoubtedly become a useful guiding tool for us, and we are planning to organize a public hearing by the end of 2022 to further explore points for its improvement as well as to make stakeholders aware about the guideline", informed DRR focal person Mr Harishchandra Lamichhane during the workshop for the technical support.



Technical Workshop with LMC. © 2021 IOM Nepal



Group Photo, National Master Training of Trainers. © 2020 IOM Nepal



Event in Progress, Lumbini Province. © 2022 IOM Nepal



Provincial Closing Event, Lumbini Province. © 2022 IOM Nepal



Master Trainers, Lumbini Province. © 2022 IOM Nepal



Risk Mapping, Local Level Training. © 2022 IOM Nepal





Purbichowki Rural Municipality. © 2022 IOM Nepal



Displaced Community in Temporary Shelter, Kailari Rural Municipality. © 2022 IOM Nepal



Group Photo, Maiwakhola Rural Municipality. © 2022 IOM Nepal



Celebration of World Humanitarian Day 2022. © 2022 IOM Nepal



Group Activity, Nagarjun Municipality. © 2022 IOM Nepal



Key Informant Interview with Ward Chair, Kailari Rural Municipality. © 2022 IOM Nepal



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