



NSET
Earthquake Safe Communities in Nepal

NATIONAL SOCIETY FOR EARTHQUAKE TECHNOLOGY-NEPAL (NSET)

Earthquake Safety

भूकम्प प्रविधि राष्ट्रिय समाज-नेपालद्वारा प्रकाशित

Newsletter

Issue 22 | June - December 2018 | Kathmandu, Nepal

Feature Highlights

NSET marks Silver Jubilee of its Journey

As it began, it progressed, and as it progressed, it succeeded!

National Society for Earthquake Technology–Nepal (NSET) marked Silver Jubilee of its journey with a gala event on June 20, 2018. On the occasion, NSET organized various programs including 25th NSET Day Ceremony with cultural events at Radisson Hotel in Kathmandu.

NSET, which was established in 1993 with its mission to enhance seismic safety of Nepal and the beyond, observes the day on June 18 every year as 'A Day to Reaffirm the Commitments to Earthquake Safety'. This year NSET marked the 25th Anniversary right after concluding an International Conference "Risk2Resilience" which commenced on June 18, 2018. The

conference focused on the experiences of Earthquake Risk Management, Preparedness and Reconstruction in Nepal. On the occasion, NSET General Secretary Dr. Amod Mani Dixit talked about the activities and efforts from past to present in disaster risk reduction. He also expressed sincere thanks to various personnel, organizations, staff members for their untiring efforts to bring the NSET this far for the past 25 years.

Similarly, NSET Executive Director Mr. Surya Narayan Shrestha addressed the event saying, "We are happy to have completed an active, intense, thoughtful, collaborative and challenging journey of 25 years." A total of 500 people including guests from various



Government Offices, recently elected Local Governments, Security Forces, Diplomatic Missions, Bilateral/Multilateral Agencies, Donors/Partners, I/NGOs, CBOs, Professional Societies, Private Sector, Media, Local Communities and various DRR stakeholders as well as more than 250 NSET Staff and members joined the ceremony.



International conference on Experience of Earthquake Risk Management, Preparedness and Reconstruction held



A resolution was adopted from the international conference on Experience of Earthquake Risk Management, Preparedness

and Reconstruction titled Risk2Resilience: Nepal's Collective Journey towards a Safer Future held from 18th-20th June, 2018 in Kathmandu. The conference was attended by both Nepali and international citizens across continents in order to learn about the progress of Nepal in areas of Disaster Risk Management, to share the results of our scientific research, to share our concerns about the growing social and technological risks in Nepal and to collectively explore ways for Nepal to further strengthen the

In this issue

Feature Highlights	1
Baliyo Ghar	3
CBDRM	6
EERT.....	6
DPER.....	6
SESP.....	7
NSSP	8

efforts in Disaster Risk Reduction and to pledge continual support to the people of

Nepal to their excellent and innovative works of Disaster Risk Reduction and Inaugurated by the Minister of Home Preparedness under the leadership of the Government of Nepal. Affairs, MoHA, Mr. Ram Bahadur Thapa, the three major themes of the conference were: Learning from the Past three decades, Understanding the Present and Searching the Future.

The conference brought together 240 people including national and international citizens. A total of 40 international professionals from 13 different countries were present. Throughout the proceeding of the Conference, there were 15 Key-Note Speeches made on key issues; and 220 persons including government officials, DRR Experts, Practitioners and Academia shared

their ideas and views as speakers, presenters or panelists. A total of 12 Technical Sessions, 11 Panel Discussions and 2 Side Events were held. The Risk2Resilience Conference resulted successfully with the approval of the Conference Resolution endorsed by Conference participants incorporating their final comments and suggestions.



NSET participates in Asian Ministerial Conference on Disaster Risk Reduction (AMCDRR) 2018

The Asian Ministerial Conference on Disaster Risk Reduction (AMCDRR), supported by the ISDR-Asia Partnership Forum, and together with the sub-regional platforms and forums in the Pacific, forms the regional platform structure of the Asia-Pacific region. Held from July 3-6, 2018, Ulaanbaatar, Mongolia, the AMCDRR also serves as a forum for other stakeholders to take a shared responsibility and make actionable commitments to reduce disaster risk. The conference, true to the multi-stakeholder spirit of the Sendai Framework, enables governments and stakeholders to exchange experiences on successful practices and innovative approaches to prevent, reduce and manage disaster risk. This results in forward-looking action plans based on a mutual sharing status of DRR implementation. Three professionals attended the 8th AMCDRR from NSET: Dr. Amod Mani Dixit, Mr. Surya Narayan Shrestha and Dr. Ramesh Guragain. NSET organized four sessions as part of the Side Events during the conference in which NSET professionals participated as panelists and moderators. The four sessions were titled-Building Resilient Schools for Imminent Earthquakes: A hope for the future, Enhancing Urban Resilience in the Region: Successes, Challenges and Lessons, Owner Built Approaches in Reconstruction: Lessons LEARNED-Lessons NOT LEARNED and Mainstreaming Disaster Risk Reduction through Community Based Disaster Risk Reduction.

NSET AGM concludes with focus on working approach in the context of federalization



NSET held its 25th Annual General Meeting (AGM) on September 26, 2018. NSET General Secretary, Dr. Amod Mani Dixit presented Progress Report on NSET's 25 years' achievements with a main focus on past one year, its completed and ongoing programs, challenges and way forward.

The AGM was held under the chairmanship of Mr. Manohar Rajbhandari, the senior most member of NSET Management Board owing to the absence of President of NSET, Mr. Varun Prasad Shrestha. A total of 26 respective general/life members including Management Board Members attended the event. The General Meeting unanimously endorsed both the Reports of General Secretary and Treasurer.



Baliyo Ghar Activities

Baliyo Ghar Program” is an initiative to support Government of Nepal (GON)’s wider national goal of “Build Back Better” in the wake of April 25, 2015 Gorkha Earthquake that struck in Nepal. With the support from the United States Agency for International Development (USAID), NSET is implementing Baliyo Ghar program during the period of October 2015 to September 2020. The program imparts knowledge, skills and awareness about earthquake resistant building construction technology to house owners and local masons. Furthermore, the program assists GON and its related authorities, and partner organizations to develop standard guidelines, norms and training curricula. Among 14 severely earthquake affected districts, the program is being implemented in four districts- Dhading, Dolakha, Nuwakot and Kathmandu.

Baliyo Ghar Program is assisting government led reconstruction activities through Mason Trainings, On-the Job Trainings, Community Orientations, Door to Door Mobile Clinic and Mass Awareness through media campaign.

Activities accomplished during June – September 2018

Mason Trainings

To enhance the knowledge and capacity of existing masons expecting their contribution in reconstructing their localities safer and better. Baliyo Ghar program through its mobile team (3 membered team comprising Engineer, Social mobilizer and Construction) conducts 7-day mason training for those masons who have at least some sorts of experience in housing construction. During the period (June-Sep 2018) Baliyo Ghar program conducted **46 mason trainings** in 4 program districts where **1313 local masons enhanced their knowledge and skills** in rebuilding earthquake safe homes.

On the Job Training

In order to fulfill the huge demand of trained masons, as the government is conducting On the Job Trainings (OJT) in quake hit districts, Baliyo Ghar program is also implementing OJT in program districts to produce massive number of trained masons. OJT is 50-day course where 6 fresh masons learn the safer

construction techniques and involve in rebuilding a house where the training is conducted. In such way, Baliyo Ghar program helps in rebuilding a house in each ward of erstwhile VDC of Dolakha, Dhading and Nuwakot. The idea is to train 6 masons for 50 days to make them skilled manpower and rebuild at least a model house in the ward. The house is selected with the consensus among the villagers, ward committee. In the program implemented areas, OJT is implemented through regular program activities and non-program areas through training service providers. During June-Sep 2018, Baliyo Ghar program has implemented **137 OJT program with 822 new masons get trained.**

Orientations

In order to make the earthquake affected people aware about the earthquake risk, preparedness, earthquake safety and safer reconstruction Baliyo Ghar Program conducts orientation program in the quake affected areas. The mobile team runs the orientation as campaign to ensure the safe communities. Orientations are held in the classrooms, open spaces, public gathering areas and even at individual houses to share the ideas about the technology and convince the house-owners to rebuild resilient houses. During the period June-Sep 2018, **13387 people have been oriented from the 634 community orientations** conducted in different parts of Dolakha, Dhading, Nuwakot and Kathmandu.

Door to Door Technical Assistance

Apart from the community orientations, mobile team of Baliyo Ghar visits every household to aware, convince and help house-owners in decision making and ensuring safer construction. 3 membered team visits every under construction house to ensure earthquake safe elements are embedded in. Disseminate required information regarding the importance of earthquake safe construction, help derive house-owners in the government process and assist them in the overall part of building construction is the door to door technical assistance that the program is

providing. In the period of June-Sep 2018, **5782 households have received the direct technical assistance** through the program.

Social Mobilizers Training

Huge numbers of social mobilizers and social development officers have been deployed in the program areas to reach out to each and every household in the community to spread the awareness message, assist house-owners in decision making and develop conducive environment for the technical assistance. Also, from the government side and different partner organizations large numbers of social mobilizers have been deployed in the quake hit districts. To enhance the capacity of those social mobilizers, Baliyo Ghar Program has 5 day social mobilization training course. Training courses for social mobilizers has been organized to enhance their skills in facilitating the community, which includes simplified technical information about earthquake-resistant construction technology, basic knowledge and skills on effective social mobilization, and information about housing reconstruction program. The main objective of this course is to equip social mobilizers with technical and social information so as to motivate and facilitate people to choose safer construction practices. During the period June-Sep 2018, **56 social mobilizers have been trained through 2 such trainings.**

Other Trainings

Apart from training to the existing masons and new masons, Baliyo Ghar program also conducts Engineers training to make them skilled in delivering mason trainings, Basic Retrofitting training, Advance training on Retrofit and Training for Instructors for the potential instructors as well.



Major Achievements in this quarter



13387 people have been oriented from the **634** community orientations



On the Job Training (OJT) **137** OJT programs held with **822** new masons trained



46 mason trainings in 4 program districts where **1313** local masons enhanced their knowledge and skills in rebuilding earthquake safe homes



56 social mobilizers have been trained through 2 Social Mobilizers trainings



Door to Door Technical Assistance **5782** households have received direct technical assistance through

Awareness through Mass Media and New Media

In order to disseminate the essential messages regarding safer reconstruction, to transfer the technical ideas in a simplified form and help ensure safer reconstruction through media initiatives, Baliyo Ghar program has been working with mass media since its inception. Public awareness campaigns through various media like; Local FM radios, television, and new media have been launched to deliver the key messages about the reconstruction process, safer reconstruction techniques. NSET-Baliyo Ghar Program has been partnering with 13 Radio Stations in Dolakha, Dhading, Nuwakot including Kathmandu Valley and with Television program production agency to produce 1 Episode of Television program and get it aired through 3 TV Channels twice a week.

During the period June-Sep 2018, 13 radio stations produced 221 individual episodes of Radio Magazine and broadcasted 442 times. While, 17 episodes of TV Program have been produced and broadcasted 153 times from 3 channels. Additionally, public service announcements (PSAs) on promoting safer reconstruction have been broadcasted all the partner media 10 times a day in order to raise massive awareness and educate the earthquake beneficiaries.

Learning Sharing Workshop on Reconstruction and On-the Job Training (OJT) held in 3 districts

"One day Learning and Sharing Workshop" was held in Dhading, Dolakha and Nuwakot, the program implemented districts. The

representatives from District level, Municipal Units as well as Ward level participated in the workshop, where they shared the recent reconstruction status, their assenting efforts to exacerbate the process and the challenges that are hampering the anticipated stride. The challenges range from the accumulated

Baliyo Ghar and training service providers (TCN and Trade Link), selected house owners, head masons, and trained masons participated to discuss the pros and cons of OJT implementation, needs improvement on the training curricula and social problems in implementing OJT.



faults in the preliminary survey, current convolutions being evolved in the reconstruction process & challenges in the institutionalization of achievements to cope with future hazardous events.

Three such workshops were held in three districts where more than 180 persons actively participated in the sessions and pursued the collaborative efforts to institutionalize the current efforts for safer and better reconstruction.

Three other workshops were about the learning and sharing from the OJT. In the OJT workshop, implementation team from

The key shared experiences on the learning sharing workshops were; if adequate awareness and knowledge to local authorities had been provided earlier it would aid the speeding up in reconstruction. However, due to proper dissemination of knowledge through such trainings the local authorities are able to understand its importance and viability and ensure the implementation of building code in rural municipalities anticipating their further urbanization. The local authorities have seen skeptical in implementing retrofits in rural houses.

Capacity building Training to the Local Authorities conducted in four Districts

One-Day Training on Disaster Risk Reduction (DRR) / Disaster Risk Management (DRM) and Sustainable Reconstruction to the local authorities was conducted in Dhading, Nuwakot, Dolakha and Kathmandu. In the Year III, 6 such trainings were held in 4 districts where 287 elected representatives including ward chiefs and ward members from Baliyo Ghar Program implemented rural and urban municipalities



actively participated in the training. The training was conducted to impart the knowledge about the role, responsibility and liability of local authority on reconstruction in new Federal System- Nepal.

The main objective of this training was to enhance the knowledge on disaster risk reduction and sustainable reconstruction and to support and build-up knowledge of local authority on federal and decentralized government focusing on the reconstruction.

Case Story

Bahun Dada, Dhading where Reconstruction Thrived

Bahundada, a village once known as Jogi Dada in Khalte of Nilkantha Municipality-05, Dhading has now changed its identity. All of the 35 houses in Bahun Dada got collapsed during 2015 Gorkha Earthquake. Now, almost all of them have been rebuilt to resist earthquakes. Mrs. Gita Bidari is one of the members of quake affected families in Bahun Dada who spent 2 years of miseries after she lost her house. No skills in hand and poor economic status; she could not manage to erect her house. She used to get involved in construction works but had no knowledge about measuring, laying the foundation, walls and other parts of house. Without skills she made the temporary shelter, rebuilt the damaged toilet. She wished, someone would come to train her so that she could rebuild her own house by herself. Few days later she wished, NSET-Baliyo Ghar conducted mason training in her locality where she got participated.

"I tried my best to achieve all knowledge and skills during mason training. I had to do household works, look after the cattle and take care of children but I did it. Now I have planned to sell all these faunas to get fully engaged in reconstruction works. My husband earns Rs. 800 per day and I am being paid Rs. 1000 " – Mrs. Bidari said.



Like Mrs. Gita Mr. Dil Bahadur Thapa is also a Baliyo Ghar trained mason who involved himself in rebuilding houses restlessly. Both of them are the real heroes of Bahundada to make it resilient village as villagers say. Mr. Bishnu Prasad Agasti, one of the beneficiaries of Bahun Dada said, "It was like competition to reconstruct the houses. Every house-owner was very much excited and reconstruction was like celebration." Like Agasti, every family is now feeling safe and satisfied to get earthquake resistant houses. To make the village, a seismic resilient village, mobile team of Baliyo Ghar did tireless works to aware and inspire villagers, to build capacities of local masons and continuous technical assistance in each household.

Community Based Disaster Risk Management activities



First formal introductory meeting of Network for Empowered Aid Response (NEAR) Partners in Nepal was organized on September 11, 2018 at NSET meeting hall, Kathmandu, Nepal to formally start the activities related to establishment of NEAR Pooled Funding Mechanism. On behalf of the NEAR Partners in Nepal and also as the Lead for NEAR Pooled Funding Mechanism, NSET hosted the meeting. A total of 17 participants representing the 8 NEAR Partner

Organizations of Nepal attended the meeting. The network partners discussed on the mechanism for the establishment of the NEAR pooled funding mechanism, MOU among the network members, finalization of activities and division of

Responsibilities. Through the meeting, it was decided that NSET is to take up leadership for pre-design related activities and act as 'the secretariat' for these activities. Updates on NEAR concepts and approaches were discussed. In addition, each of the activity and work plan was discussed in detail and activities, costs and timeline were finalized. Participants discussed their role in the activities. This also included NSET's leadership, partners in Kathmandu valley taking lead role in national level consultations and each partner being actively engaged in their respective location and participate in other national level consultations.

Earthquake Engineering Research and Training activities



SAFER is a holistic and multi-disciplinary program for improving the earthquake-related safety of school buildings and the resilience of educational communities in Nepal. The Safer School Research Project has been divided into five work packages and various tasks which are scheduled to be accomplished in three years. The main objective of SAFER is to take global development challenges in Nepal through

engineering research for sustainable infrastructure and Disaster Resilience through a multi-disciplinary consortium of geographical and structural engineers, engineering seismologists, ICT experts, earth scientists from academia, social scientists, policy makers, financial experts, and humanitarian and stakeholders.

SAFER is the consortium program of various partners; Bristol University, University of Southampton, California Institute of Technology (CALTECH), University at Buffalo, University of Roma Tre, NSET, Tribhuvan University, Institute of Engineering, Kathmandu University (KU), Arup International Development (ARUP-ID) and Save the Children. Planning Workshop of the Seismic Safety and Resilience of Educational Communities in Nepal (SAFER) on 'Safer School Research Project' was held in Lalitpur on April 26, 2018. The workshop was jointly organized by Department of Education (DoE), Bristol University and NSET together with consortium partners.

Disaster Preparedness and Emergency Response (DPER) Program for Enhancement of Emergency Response activities

Emergency Response Stakeholders Meeting in Nepal was held



Ministry of Home Affairs-Government of Nepal led and hosted Nepal Emergency Response Stakeholders Meeting on June 7, 2018, at MoHA, Singha Durbar, Kathmandu. Meeting highlights included the existing capacities, broader need and strategies for enhancing the emergency response capacities of Nepal, within the present federal system of government structure. There were 25 participants in the meeting, representing MoHA, Nepalese Army, Nepal Police, Armed Police Force, Nepal Red Cross Society, USAID Nepal and NSET. The stakeholders' meeting aimed at sharing capacity building and emergency response experiences in Nepal, lessons learned and good practices (achievements), impact of PEER, evaluation of PEER implementation in Nepal; strategy for PEER institutionalization in

respective PEER partnering institutions, and way forward for emergency response capacity building in the country.

Mr. Kedar Neupane, Joint Secretary, MoHA, emphasized the importance of having a standard training curricula appropriate for

Nepal context in developing emergency responders. Following the meeting, NSET has also shared PEER course directories to MoHA, an initial step of integrating PEER database into the national database maintained by the National Emergency Operations Center (NEOC). NSET, through PEER, provided support to this meeting.

Training on Automated External Defibrillator (AED) conducted

NSET in collaboration with Nepal Ambulance Service (NAS) conducted half-day training course on Automated External Defibrillator (AED) on Aug 24, 2018 in Kathmandu. The main purpose of this training has been to impart knowledge and skills on proper use of AED. A group of NSET staff involved in trainings on life safety skills and emergency response courses joined the course. Dr. Kulesh Thapa, Medical Director of NAS served as Lead Trainer and Ms. Nisha Thapa assisted as an Assistant Instructor.

An AED is a lightweight, portable device that delivers an electric shock through the chest to the heart. The shock can potentially stop an irregular heart beat (arrhythmia) and allow a normal rhythm to resume following sudden cardiac arrest (SCA). SCA occurs when the heart malfunctions and stops beating unexpectedly. If not treated within minutes, it quickly leads to death. AEDs make it possible for more people to respond to a medical emergency where defibrillation is required. Because AEDs are portable and prompts in stepwise instructions, they can be used by nonmedical people.



NSET has installed AED in its office premises and conducted a training program to its staff on using the AED. The selected team of trainees for AED provided training to all NSET staff on 3rd September 2018.

School Earthquake Safety Program activities



The Closing Ceremony for the program 'Disaster Education from Hyogo in Nepal,' was held in August in two levels, at the

The program which began in August 2016 focused on eight schools of Nuwakot district

at the district level in Nuwakot and at the central level in Kathmandu in collaboration with Team Hyogo, Japan and Centre for Education and Human Resource Development (CEHRD).

in Dupcheswor and Tadi Rural Municipality which emphasized on disaster education and construction of a two class room semi-permanent school building at Tarkeshwor Rural Municipality. The teachers further expressed their commitment to continue the approach and process they learned from this program for disaster education in their respective schools as well as spread the message to other schools in the district in future. Through this program, the eight schools of Nuwakot have been developed as leader schools to spread the concept of disaster education to other schools.

School Handover Ceremony held



The newly constructed Semi permanent school block of Chandra Nayan Basic School

School Handover Ceremony was held at Dangsing, Tarkeshwor Rural Municipality, Nuwakot on 27th August 2018. The event was attended by 70 people including the newly elected rural municipality Chairperson and Vice Chairperson, ward members, parents, School Management Committee members and teachers. The two room semi-permanent school block was constructed through technical support from NSET and financial support from Team Hyogo under the project 'Disaster Education from Hyogo in Nepal.'

Chandra Nayan Basic School was heavily damaged by the 2015 Gorkha earthquake. It lies in a very remote area of Nuwakot and not many facilities are accessible for the community members which

includes a majority of marginalized indigenous population. Consisting of 30 students, the school was functioning through a Temporary Learning Center constructed by bamboo.

Nepal Safer School Project activities

The NSSP is one of the programs under DFID's "Strengthening Disaster Resilience in Nepal" that includes a total of six programs. The major objective of the NSSP is to Support the implementation of the Comprehensive School Safety framework (Safer Learning Facilities, Disaster Management and Resilient Education) in four districts in the Far and Mid-West and Support national-level capacity in the Center for Education and Human Resource Division (CEHRD) to further develop policy and guidance to deliver safer schools. The working area of the program covers four districts- Jumla, Surkhet, Achham and Bardiya from province 5, Karnali and Sudurpaschim. The program's Inception period is successfully completed and the implementation phase has begun. Various Inception reports have been prepared. Addressing the program launch of NSSP in Kathmandu, Director Mr. Deepak Sharma from Centre for Education and Human Resource Development (CEHRD) said, "This programme will test new ways of protecting vulnerable communities from natural disasters that can be replicated across the country."



Technical Support for Building Code Implementation in Nepal activities

NSET is implementing Technical Support for Building Code Implementation in Nepal (TSBCIN) program with funding support from the United States Agency for International Development / Office of U.S. Foreign Disaster Assistance (USAID/OFDA) in 30 Municipalities from 2017-2019. The program is being implemented in order to continue the success and institutionalization of the process of the Building Code Implementation Program in Municipalities in Nepal (BCIPN) implemented by NSET earlier from 2012 to 2016. The BCIPN was largely successful in developing and piloting methodologies for building code compliance in 30 municipalities and urbanizing settlements of Nepal. The program demonstrated the feasibility of ensuring safer building construction through building code implementation.

Around 1400 people sensitized on Earthquake Safer Construction Technology in this quarter

Awareness raising is one of the major strategic components of NSET/TSBCIN program to help implement the national building code through sensitization to its various stakeholders. Under the program, TSBCIN has been working on raising awareness and sensitization programs for house owners, local community, municipal staff, political/social leaders and other Stakeholders on the cause of earthquake risks and need to enforce the national building code as best way to mitigate the risks through Safety Campaigns, Orientations, Mobile Clinics, Local Radio campaign etc.

In this quarter, total 10 orientations for social/political leaders conducted and altogether 223 people benefitted from these orientations. Likewise, 72 masons were benefitted from 5 orientation programs. Similarly, 887 community people benefitted through 18 sensitization events. Besides that, a total of 161 house owners oriented through 8 events conducted in various municipalities.



10 orientations for social/political leaders conducted and total 223 people benefitted from these orientations



72 masons were benefitted from 5 orientation programs



887 community people benefitted through 18 sensitization events



161 house owners oriented through 8 events conducted in various municipalities

183 engineers working on construction sector trained

TSBCIN is conducting training on safer construction practices for masons, contractors, engineers, municipal engineers, municipal staff, officials and elected representatives. TSBCIN provides technical

support to conduct training courses for house-owners and masons upon request from the municipalities.

In this quarter, a total of 183 engineers working in the field of building permit system, building construction and design and drawings in the various municipalities were

trained under the NSET/TSBCIN program so far. As part of the program, 158 municipal engineers provided trainings on Building Permit System (BPS) in various municipalities with the view to improve the building permit process. Likewise, an Advance Earthquake Design training was conducted to 25 municipal engineers.

Engineers Training on Seismic Evaluation of Building Design and Drawings concluded in Lalitpur



With the view to assist municipalities on effective implementation of National Building Code, TSBCIN program organized an Engineers' Training on Seismic

Evaluation of Building Design and Drawings at Tewa, Dhapakhel, Lalitpur.

The five-day training was held from 30th July to 3rd August 2018 where 25 civil engineers from 25 municipalities participated. The participants were comprised of engineers being involved in the building permit section of the various municipalities, namely, Birendranagar, Bhimdutta, Nepalgunj, Dhangadhi, Godawari, Bheriganga, Sainamaina, Suklagandaki, Bardaghat, Kawasoti, Gaidakot, Vyas, Damak, Kamal, Mithila, Bardibas, Janakpur, Manthali, Bharatpur, Dharan, Dhankuta, Baglung, Itahari, Suklaphanta and Narayan.

American Society of Nepalese Engineers (ASNEng) along with participating municipalities and USAID/OFDA provided financial contribution to organize the training.

710 masons trained on safer construction practices

Enhancing the capacity of constructions technicians like masons, engineers, contractors, architects and others is one of the major focus of TSBCIN program. The major objective of the training course is to impart the essentials knowledge, upgrade their skill in quality construction and develop skillful working human resources require in earthquake resistant construction in line with the Nepal National Building Code.

In this quarter, three mason trainings were conducted and through these trainings, total 97 masons enhanced their skills.

Mason training at Birendranagar Municipality



Training-Workshop for Local government leaders held in Surkhet and Dharan

Training workshops targeting local government leaders i.e. Mayor, Deputy Mayor, Chief Administration Officer and Engineers were organized in Dharan and Surkhet. The events were held with a view to enhance the understanding of local leaders on earthquake hazard and risk of Nepal,

possible ways for reducing the earthquake risks and improving the preparedness, existing legal provisions on disaster risk management and building code enforcement, and also for sharing good practices, successful examples of risk reduction measures.

The first event was organized in Dharan Sub-Metropolitan City in eastern Nepal during Sep 7-8, 2018 inviting senior leaders from 9 municipalities of Province 1, 2, and 3. The second workshop was organized during Sep 21- 22, 2018 in Birendranagar

Municipality inviting leaders from 19 municipalities of Province 5, 6 and 7.

The topics that were discussed extensively during the workshop covered Nepal government's current policies (strategies, Acts, guidelines and regulations) on Disaster Risk Reduction and Management, National Building Code, Technologies for making earthquake resistant building, existing Building Permit System in municipalities, Evaluation Methods of Implementation of

National Building Code, DRR Mechanism in Urban Development Planning and Disaster Response Plan among others.

The training workshops are quite successful in generating the interest and also contributing to build capacities of local government leaders to assist in effective implementation of National Building Code. This also helped to understand the importance and possible ways of using Integrating Urban Development Planning

(IUDP) and Risk Sensitive Land Use Planning (RSLUP) for risk reduction.

The program was jointly organized by USAID/OFDA funded NSET/TSBCIN program and Birendranagar Municipality under directives of Minister for Federal Affairs and General Administration (MOFAGA) and Department of Urban Development and Building Construction (DUDBC).

Media Training Workshop organized for facilitating building code implementation

NSET /TSBCIN has partnered with five local radio stations to produce radio magazine program and messages on promoting safer construction.

A Media Training Workshop was conducted in Kathmandu focusing on key issues and dynamics of Building Code implementation in Nepal from 23rd to 24th July, 2018. A total of 20 participants including station managers and radio program producers from five radios and TSBCIN field team members participated in the workshop. TSBCIN program is partnering with five local FM radios for the regular radio programs and messaging. The partner radios are Saptakoshi FM, Itahari; Vijay FM, Gaundakot; Krishnasar FM, Nepalgunj; Bulbule FM, Surkhet and Dinesh FM, Dhangadhi. This Training Workshop was aimed at sharing knowledge, experience and ideas and building capacity of radio teams to produce the program episodes in purposeful ways. During the Training Workshop,

participants actively engaged in various sharing & learning activities and group works on issues for radio magazine and its format.



Program producers from different TSBCIN partner radio attending radio training workshop

TSBCIN partnered with 5 radio stations for "Daro Ghar Digo Basti" radio magazine



TSBCIN has established partnership and collaboration with five radio stations of 5 out

of 7 provinces in the country to jointly produce and disseminate regular fortnightly programs focusing on various aspects of building code implementation and earthquake resistant construction technology. These five radio partners were explored through open sealed bid call on April 4, 2018. The five radio partners are Saptakoshi FM, Itahari, Sunsari, Vijay FM, Gaundakot, Nawalparasi, Krishnasar FM, Nepalgunj,

Banke, Bulbule FM, Birendranagar, Surkhet and Dinesh FM, Dhangadhi, Kailali.

Each of the partnered radio produces and broadcasts regular half hour radio magazine titled "Daro Ghar Digo Basti" program on fortnightly basis. These five radios are running the program from the first week of August and will continue till end of July 2019.

NSET In house events

In-house orientation events were held such as orientation on new NSET Procurement manual, NSET Personal Policy, Travel Policy and IT Policy and Security Policy. These orientations are held annually at NSET.

For more information, contact



NSET
Earthquake Safe Communities in Nepal

National Society for Earthquake Technology- Nepal (NSET)

House 65, CR-13, Sainbu Awas, Bhainsepat
Lalitpur Metropolitan City-25, Nepal
P.O.Box No.: 13775, Kathmandu, Nepal
Tel: (977-1) 5591000, Fax: (977-1) 5592692, 5592693
E-mail: nset@nset.org.np, Website: www.nset.org.np

Think about making your house
Earthquake-Resistant

Attend our House Owners
Consultation Program"
Every Friday: 2-5pm"

**FRIDAY FREE EARTHQUAKE
CLINIC**
at NSET Office