INDONESIA Action Plan

Technical Deep Dive on Seismic Risk and Resilience
March 12 – 16, 2018
Tokyo, Sendai and Kobe
Indonesia Key Takeaways from TDD

1. **Never Forget the History** and impacts of major disasters in our country.

2. **Data and information system, and strong capacity** to conduct analysis, is necessary for accurate qualitative and quantitative risk assessments.

3. The importance of **law enforcement** related to building regulations.

4. Need to develop or strengthen **capacity and awareness** of municipal/city governments and local communities.

5. Need to strengthen **communication and coordination** among line ministries, between central and local government, and between government, university, and international organization.
Indonesia Accomplishments Needed

1. Improved central government capacity to conduct risk assessments that include micro-zonation maps, and dealing with urbanization and remote islands.
2. More innovative and alternative methods of disaster financing and investment on DRR.
3. Better knowledge sharing and knowledge management for disaster management and risk reduction, e.g., sharing stories, books, lessons learned.
4. Harmonization of Disaster Management Master Plan regulation (forthcoming) and building regulations (existing), as well as other related actions and regulations (e.g., Sendai Framework, Climate Change Agreement, SDGs, etc.).
5. Improve the capacity of local government agencies, particularly in conducting risk assessments to prepare disaster risk management action plan and M&E plan.
6. Increase awareness through education, public communication, socialization to the public (e.g., building code regulations, operational procedures, drill simulations, community preparedness, community resilience).
7. Improve collaboration and cooperation with private sector, university/academia, and NGO stakeholders.
Safe School Implementation In Indonesia
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Indonesia Actions to be Taken

**Short-term:**
- Harmonize Disaster Management Master Plan regulation (forthcoming) and building regulations (existing), as well as other related actions and regulations (e.g., climate change, SDGs, etc.) by Bappenas/BNPB
- Identify champions and agents of change (e.g., government agencies, researchers) by Bappenas/BNPB
- Build capacity at local and central levels to identify analysis, prepare risk modeling, and conduct regulation/enforcement by MoHA/Bappenas/BNPB

**Medium-term:**
- Review and improve methodology of disaster risk assessments (e.g., risk maps, risk-informed spatial planning, climate change, environmental safeguards); national standards of building and infrastructure regulations by Bappenas/PUPR/BNPB/BMKG/ATR/BG/universities/private sector
- Strengthen knowledge management of DRM practices – championing especially DRR (e.g., InaRISK, BNPB/BPBD knowledge hub)
- Strengthen capacity of local governments to implement and enforce building codes including building audits, monitoring and inspections by PUPR, private sector, NGOs and universities.

**Long-term:**
- Identify options for effective disaster risk financing, insurance, and investment by Bappenas/MoF/PUPR
- Develop an effective EWS to communicate seismic risk information across Indonesia (need to increase number of monitoring stations and improve risk information and data dissemination) by BMKG/BNPB
Barrier/Challenge of Implementation of Plan


2. Disseminating data and information equally and effectively to the local governments particularly in the remote areas. Sharing information through InaRisk.

3. Improving quality and priority on budgeting. Eventhough Disaster Risk Management become one of the national priority program in the Annual Budget, but mostly focusing more on curative actions.

4. Improving awareness of the local communities with different social and culture. Need more communication, socialization and sharing information using.

5. Convincing and involving actively private sectors on the implementation of Disaster Risk Management. Need more sharing information and public consultation.
Indonesia Support Needed

• **World Bank:**
  • Technical assistance on the knowledge center on Disaster Management and Risk Reduction.
  • Training/Course/Sharing Knowledge and Experience

• **TDLC Program**
  • Technical Training for the National and Local Government staffs
  • Improve the Methodology of Risk Assessment

• **Knowledge Products (Case Studies, Policy Notes, etc.)**
  • Regulation on Building Code
  • Success story of Disaster Risk Management
1. ISO 22327 (Landslide Early Warning System) was Enacted in Sydney, 15 March 2018.

2. Proposed a series of Standards for Specific Hazards e.g. Flooding, Volcanic Eruption and Tsunami (ISO/TC 292 Next Meeting Plenary in Norway)
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Thank You