



# Bangladesh Action Plan

Technical Deep Dive on Seismic Risk and Resilience  
March 12 – 16, 2018  
Tokyo, Sendai and Kobe



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# Key Takeaways from TDD (Build-Back-Better: Bring Back to Bangladesh)



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1. We will never forget – documentation of disasters and sharing lessons learnt
2. Kobe City Experience - Emergency Preparedness and Risk Communication and E-defence knowledge
3. Sendai City Experience – Evacuation Center and Early Warning Systems & Re-built initiative
4. Public participation is key to address seismic risk identification & preparedness (Self help & Mutual help)



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# Bangladesh Accomplishments Needed



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1. Enforcement and Implementation of Building Code
2. Construction Monitoring System and Building Audit Mechanism
3. Procedure for Building Certification and Third Party Inspection
4. Guidance to Building in Deviation – Illegal Structures.
5. Public Awareness on Building Safety



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# Bangladesh Actions to be Taken

- **Short-term:**
  - Capacity and Institutional Building, by All relevant agencies
  - Vulnerability Assessment and Retrofit Design of Essential Critical Buildings, by RAJUK and Public Works Department (June 2020)
  - Development of Risk Sensitive Land Use plan, by RAJUK (June 2020)
  - Create and Operationalize Urban Resilience Division, by RAJUK (June 2020)
  - Electronic Construction Permitting System, by RAJUK (June 2020)
  - Professional Accreditation Program for Engineers, Architects, Planners, Bar Binders and Masons, by RAJUK (June 2020)
  - Mechanism for Building Code Enforcement and Implementation, by RAJUK (June 2020)
  - Creation of Early Warning System, by Meteorological Department in coordination with Department of Disaster Management
- **Medium-term:**
  - Retrofitting of Existing Critical Infrastructure/Buildings, by RAJUK and Public Works Department
  - Vulnerability Assessment and Retrofit Design of Critical and Essential Infrastructure (gas, water, electric), Utility Agencies
  - Risk Management and Risk Communication, by Department of Disaster Management, Fire Service, City Corporations, RAJUK, PWD
  - Regional Collaboration and Coordination for Risk Mapping, Bangladesh, India, Nepal, Myanmar
- **Long-term:**
  - Retrofitting of Essential Infrastructure (gas, water, electric), Utility Agencies
  - Ensure resilient new construction



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# Barrier/Challenge of Implementation of Plan

1. Low public awareness to seismic risk due to long history of last seismic event
2. Lack of sensitization and proactive participation of political leaders associated with seismic risk
3. Deficiencies in Institutional Preparedness and Management Capacity
4. Limited budgetary allocations for proactive measures of DRR mainstreaming
5. Lack of evidence based policy making (need for R&D and policy)
6. Absence of publicly available information and accessibility
7. Weak governance in implementation and enforcement



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# Bangladesh Support Needed

- **World Bank:**
  - Investment Projects – Phase 2 of Bangladesh Urban Resilience Project
  - Knowledge Sharing, Training and Capacity Building
- **DRM Hub**
  - South-South Knowledge Exchange
  - Knowledge Sharing, Training and Capacity Building
- **Knowledge Products (Case Studies, Policy Notes, etc.)**
  - Technical Assistance related to Seismic Risk and Resilience – Including TORs, Technical Specifications, Market Survey of Firms
  - Case Studies of other countries
  - Documentation of successful transformation (Japan, Chile, Turkey, Philippines etc.)



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