

PERU Action Plan

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

Peru - Key Takeaways from TDD



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1. Importance of Disaster Risk Identification – sharing information and coordination between different government agencies. Incorporate risk assessment into decision making in the different levels of government – for urban planning and improving/updating Building Regulations Codes. Financial Risk Profile as a tool to help identify the costs involved if risk identification is not addressed.
2. National Action Plan for Disaster Emergency Response defining roles and responsibilities in every level of government. Plan that needs to be revised continuously



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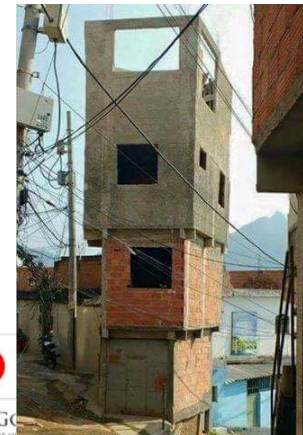
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3. Communication, Education and Public awareness on Disaster Risk Prevention
– communication for preparedness – NEVER FORGET. Learn from the past.
4. Develop Urban Plans and revising and updating Building Codes Regulations including Risk Disaster Prevention and Management. Implementing and enforcing these Plans and Regulations
- 5. Infrastructure management and hazard reduction in the build environment
– diagnose situation of utilities infrastructure and existing buildings.
Mandatory evaluation and retrofitting**



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Peru - Accomplishments Needed



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1. Develop Hazard and Risk Maps (seismic, floods and landslides) for major urban areas prioritizing cities with high populations
2. Inclusion of hazard and risk management into Territorial and Urban Planning
3. Enforcement by local governments of building codes regulation in existing and new buildings
4. Development and implementation of National Emergency Response Plan



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Peru - Actions to be Taken



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- **Short-term: 6 month**

- Scope and methodology (depending on the population) to update/develop the urban planning with the inclusion of hazard and risk analysis, by Ministry of Housing, Construction and Sanitation (MHCS), CENEPRED (National Center for Disaster Prevention) and local governments
- Update the disaster hazard information for major cities > 1.000,000 population by CENEPRED
- Revise and re-launch the National Subsidiary Program for existing house retrofitting, by MHCS and Ministry of Finance (MEF)
- Capacity building for the enforcement of Building Regulation Codes at local government, by MHCS (in partnership with Universities, ONGs, Engineering/Architecture Associations)
- Develop a Public awareness campaign including different targets (general public, public employees and private sector) by National Institute of Civil Defense (INDECI)
- Diagnosis and update of schools curricula for the inclusion of hazard and risk prevention by Ministry of Education

- **Medium-term: 24 month**

- Update/Develop of the Territorial Planning for major cities > 1.000,000 population, by MHCS and local governments
- Update the disaster hazard information for municipalities > 100,000 population by CENEPRED
- Develop the urban cadaster for major cities by (National Agency for Land Formalization) COFOPRI



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Peru - Actions to be Taken



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- **Medium-term: 24 month**

- Introduce of mandatory vulnerability assessment for private and public existing buildings, and definition of a subsidiary Program for financing the assessment and strategic communication plan, by MHCS, MEF, INDECI and Architecture/engineering Associations
- Update or develop the National Emergency Response at National Level and guidance for the development of subnational plans, by INDECI

- **Long-term: 5 years**

- Update/Develop of the Urban Planning for municipalities > 100,000 by MHCS and local governments
- Develop the urban cadaster for municipalities > 100,000 by COFOPRI
- Retrofit Program for existing building and Subsidiary Program for its financing by MHCS, MEF and Local Governments



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Barrier/Challenge of Implementation of Plan



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1. Lack of technical capacity at National and Local levels for implementing a large scale effort for hazard risk mapping
2. Recent changes in the legal and Institutional framework on Disaster Risk Management (affected the coordination on DRM) – CENEPRED under Ministry of Defense instead of the Prime Minister Office
3. Priorization on DRM into National Budget by the MEF

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Peru - Support Needed



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- **World Bank:**
 - Technical assistance in the inclusion of hazard and risk analysis into territorial planning
 - Initial stage on preparation of Investment Project Financing (IPF) with the Ministry of Finance including finance to improve National Seismic Network
- **TDLC Program**
 - Technical assistance to capacity building on building regulation and enforcement process
 - Technical assistance on Public awareness and co-responsability
- **Knowledge Products (Case Studies, Policy Notes, etc.)**
 - Policy note on DRM to support the project preparation (IPF)



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