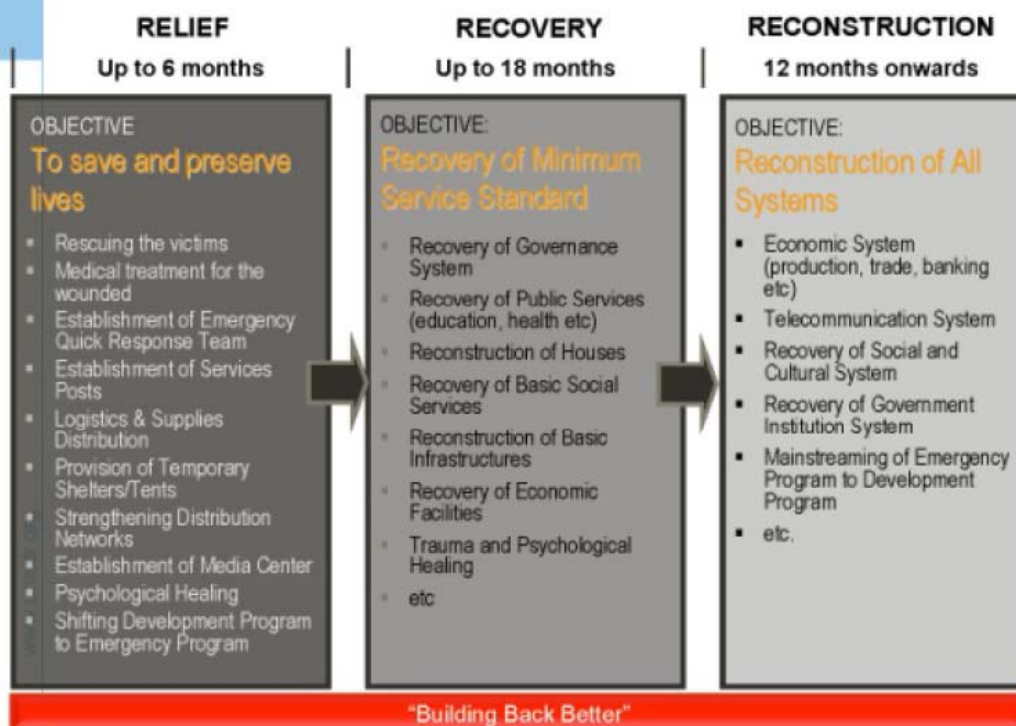


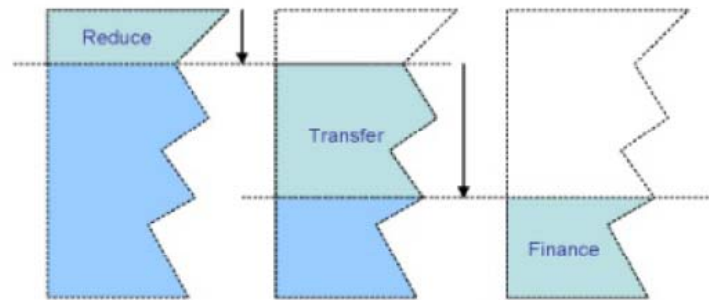
International Cooperation, DRR, CCA, Recovery, & Reconstruction

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ACTIVITIES ON EACH STAGE AFTER THE DISASTER



Country Catastrophe Risk Financing Model



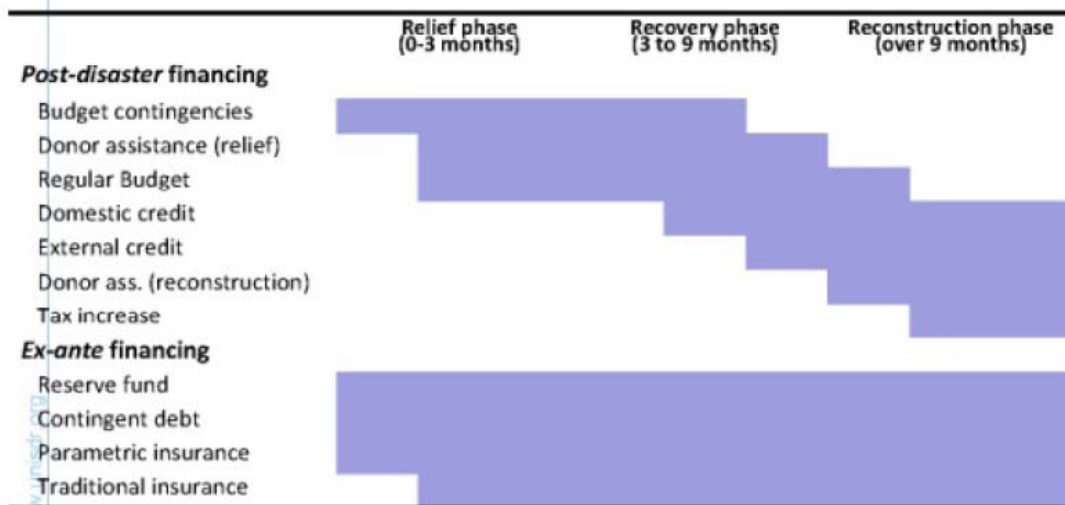
Three pillar model

- Assess and reduce government liability/exposure to natural disasters (disaster risk reduction)
- Promoting risk transfer to private sector (insurance markets, capital market)
 - Increasing cat insurance penetration of homeowners/farmers/SMEs
- Financing sovereign risk
 - Securing immediate liquidity and budget support after a disaster

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Sources: World Bank Group

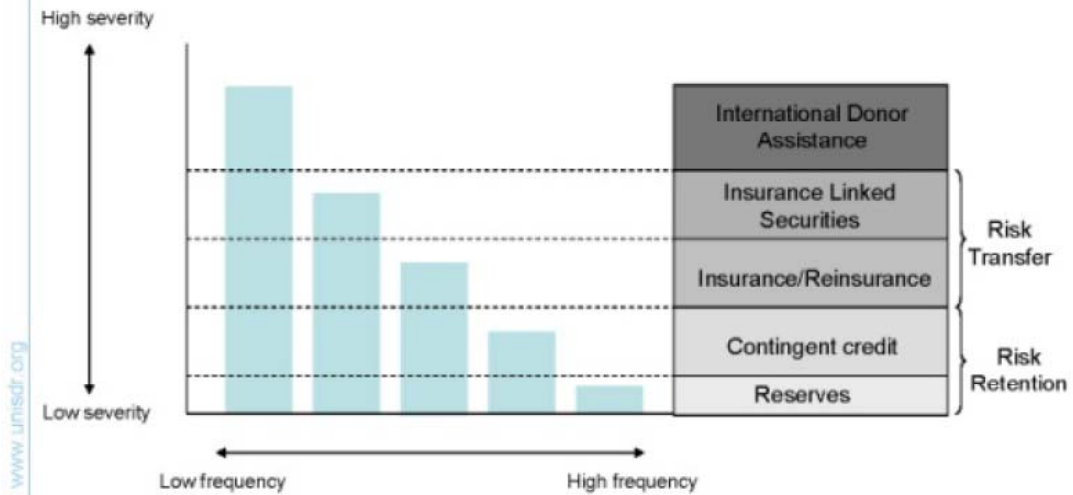
Governments have Various Instruments to Finance Natural Disasters



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Sources: World Bank Group

A country catastrophe risk financing strategy relies on an optimal combination of retention and risk transfer to protect fiscal balance

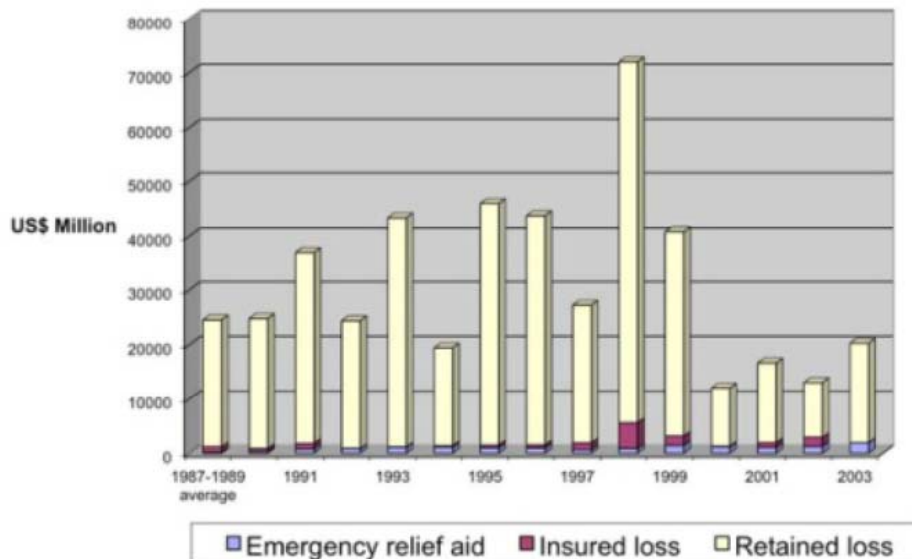


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Sources: World Bank Group

Catastrophe losses are mostly borne by governments and households in developing countries...

Financing of catastrophe losses in developing countries



PRIORITIZATION OF ACTIVITIES – RECOVERY & RECONSTRUCTION STAGES

Article 56 paragraph (2) of Gov Regulation 21/2008:

- To accelerate recovery of community life at post-disaster area, regional government shall set priorities for *rehabilitation* activities
- The prioritization shall follow **analysis of loss and damage from disaster (DaLA)**.

Article 75 paragraph (2) of Gov Regulation 21/2008:

- To accelerate the rebuilding of all facilities and infrastructure as well as institutions at post-disaster area, Government and/or regional government shall set priorities for *reconstruction* activities.
- The prioritization shall follow **analysis of loss and damage from disaster (DaLA)**.

Post Disaster Needs Assessment (PDNA)

- **DaLA** - For Estimation of Disaster Impact and Needs for Recovery and Reconstruction
 - Disaster Impact Assessment at Macro-Economic and Household Levels, and Estimation of Needs for Recovery, Reconstruction and Risk Reduction
- **Damage**
 - Destruction of physical assets
 - Occur at the time of the event
 - Measured in physical units and replacement value
- **Loss**
 - Changes in economic flows
 - Occur over a relatively long time period
 - Expressed in current values
- **Needs**
 - Disaster risk reduction and climate adaptation needs
 - Social needs



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