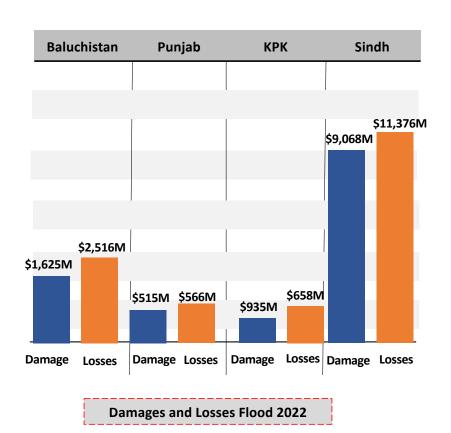
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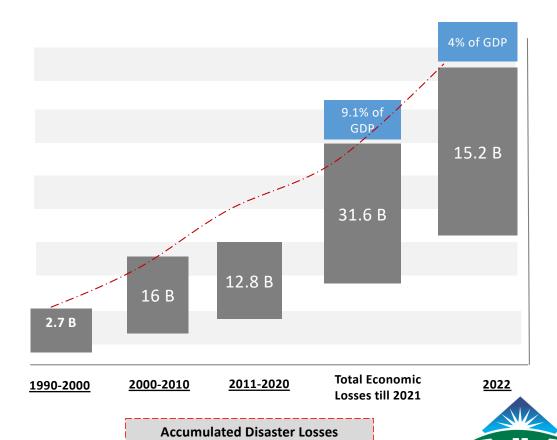
Enhancing Adaptation & Resilience Through Integrated Flood Risk Management

Role of NDRMF in Flood Resilience



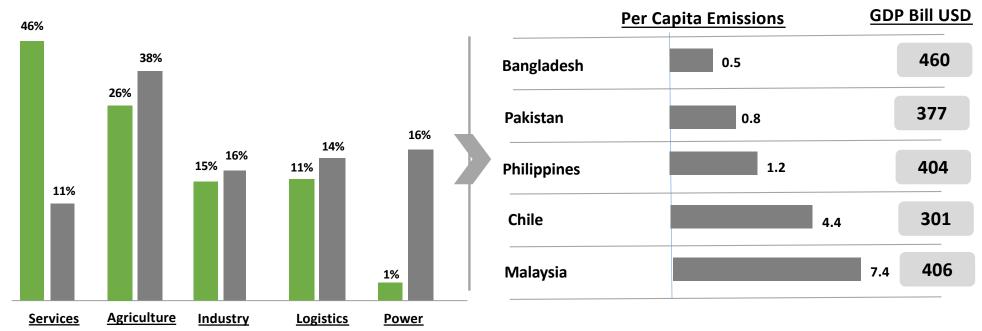
Pakistan Climate Induced Economic Losses





NDRMF

Pakistan Comparative Emissions Profile



Pakistan's Carbon Emissions much lower as compared to other comparable Countries in terms of GDP but Ranked as 8th most Vulnerable Country



Climatic & Economic Challenges of Pakistan

- Unprecedented climatic challenges along with persistent Economic Pressures
- Since 1990 climate induced disasters caused USD 31.9 billion 9.1% of the GDP of Pakistan
- Floods alone share of economic GDP losses is **86%** of all climate induced disaster losses
- Flood 2022 resulted into USD 33 billion which is **04** % of 2022 GDP
- Data and studies show Floods (and other disasters) likely to continue to cause damages and losses in higher magnitude and more frequency
- Public Finance constraints to finance future disasters to remain a constant challenge

NDRMI

Integrated Flood Risk Management

- Comprehensive coverage of all flood related risks (riverine, flash, hill torrents, urban flooding)
- Integration of Nature Based Solutions (Natural River Management Approach)
- Inclusion and study of climate change impacts and recalibrate flood risk management accordingly
- Community Engagement as an essential component of IFRM



NDRMF Contributions in FRM



Flood Risk Management Will Remain a key Element of Disaster Risk Reduction Overarching Mandate of NDRMF

NDRME

Lessons Learnt in Flood Risk Management

- Over-arching water management strategy combining floods with drought and other associated disasters
- Integrated approach is of paramount importance Adopting a systems analysis for identification of key risks and prioritization of interventions in an effective and balanced manner
- Socio-economic realities and impacts to be fully considered and appropriately integrated can be best achieved through community engagement
- Nature based solutions to be an integral part of overall flood risk management approach Adapt Restore and Enhance Eco-systems and Natural Capital
- Measures for reducing exposures Early Warning Systems can play a critical role



NDRMF Role in Implementation of NFPP4

- Aligning our project and program interventions with Updated NFPP4 and where needed undertaking a policy diagnostic exercise to identify the gaps
- Strengthening our role for effective coordination through data and information facilitation and capacity building to enhance the implementation of flood protection interventions
- Collaboration with Federal Flood Commission to be financial intermediary and implementing partner of implementation of NFPP4
- Building the capacity of our Flood implementing partners and other stakeholders
- Filling the knowledge gap by preparing and dissemination structured and focused information and knowledge products



NDRMF Purposeful Strategic Re-Shaping

- Strategic reforming of NDRMF focused on an integrated approach to address flood risk management as part of its overall mandate and strategic objectives
- Institutionalizing disaster preparedness one of the key strategic objectives of NDRMF
- Climate Change to be considered and integrated as over-arching element of disaster risk reduction aspects
- Foster and support innovation, learning and scaling up of green, resilient, inclusive and sustainable
 Programmes and Projects
- Strengthen disaster and flood risk modeling, knowledge creation and data generation as an integral part of flood risk management

Thank You



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