



DEMYSTIFYING THE GLOBAL AGENDA INTO PRACTICE
(29 – 30 August 2017)

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

عجلها



Introduction



- NDMA is lead Federal Agency at National level to deal whole spectrum of DM
- DM System was established in 2007 through NDM Ordinance, 2007 & provided Parliamentary cover through NDM Act, 2010
- NDMA is executive arm of NDMC & a policy making body in the field of DM
- NDMA since its inception followed global frameworks and adopted them through formulation of National level policy documents



Sequence



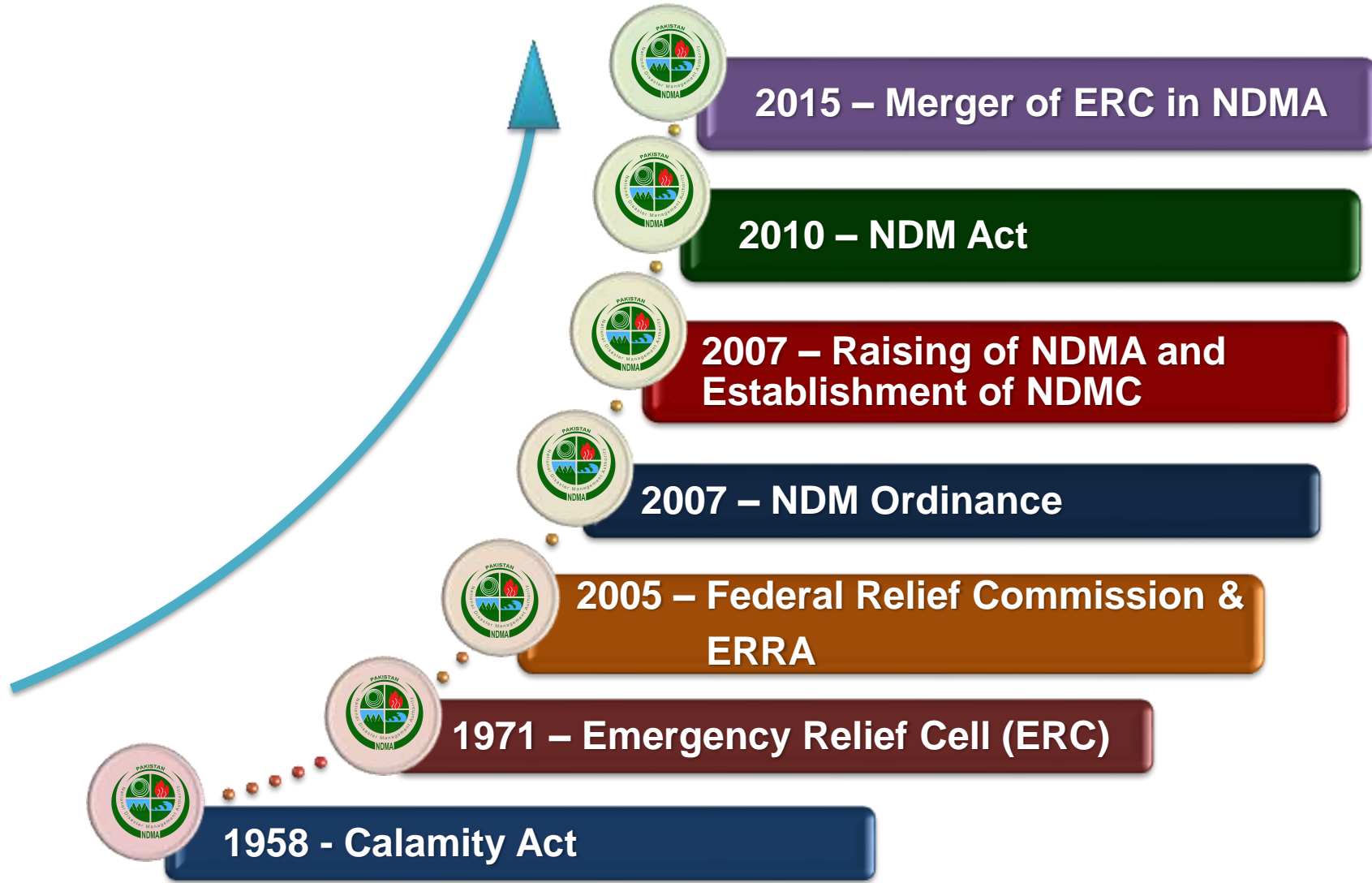
- National Disaster Management Structure of Pakistan
- Implementation of Global Frameworks
- Integration of Global Frameworks into National Policies & Plans
- Key Challenges
- Way Forward



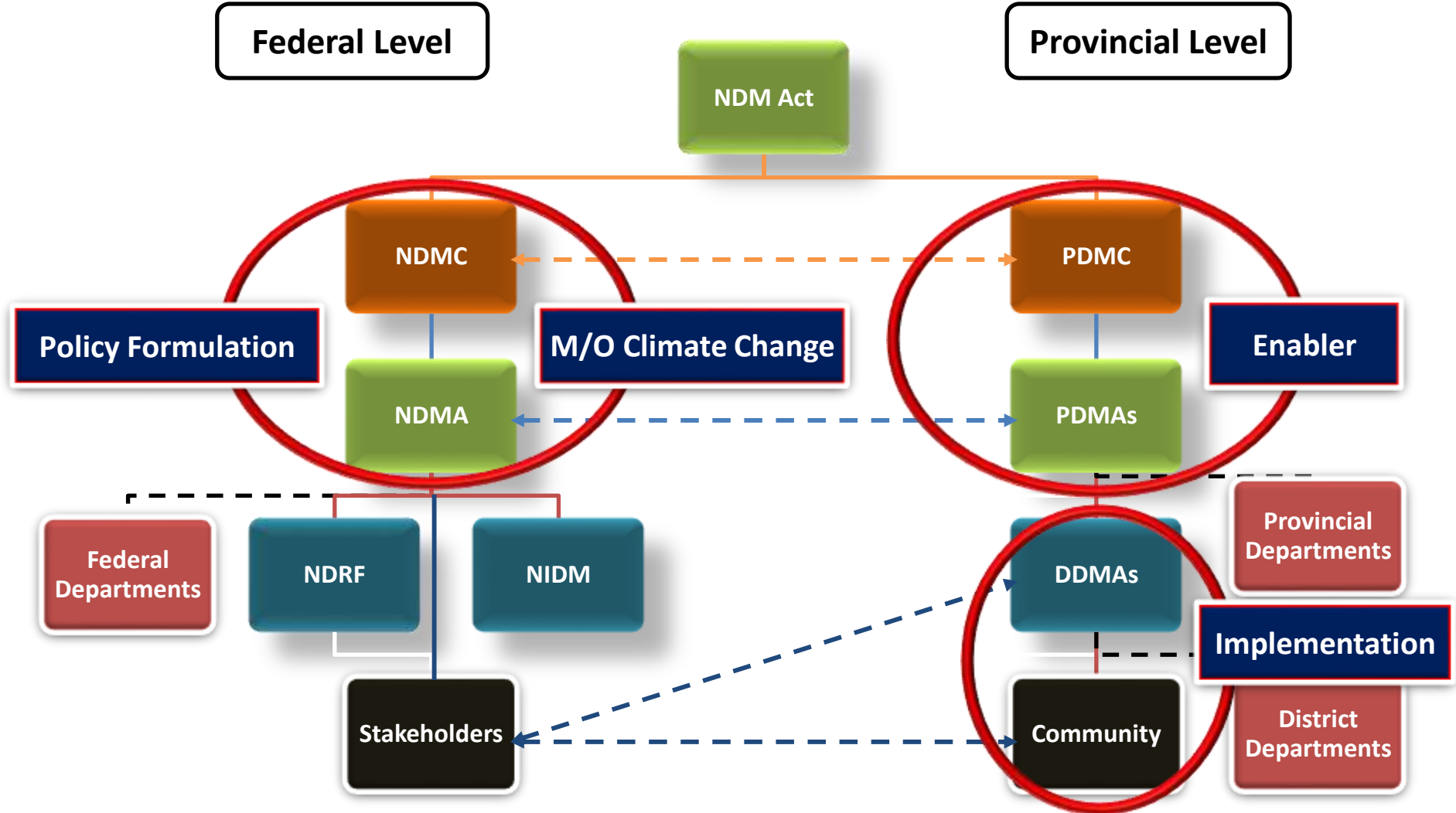
National Disaster Management System



Evolution of Disaster Management System



Disaster Management Structure as per NDM Act





NDMC Composition

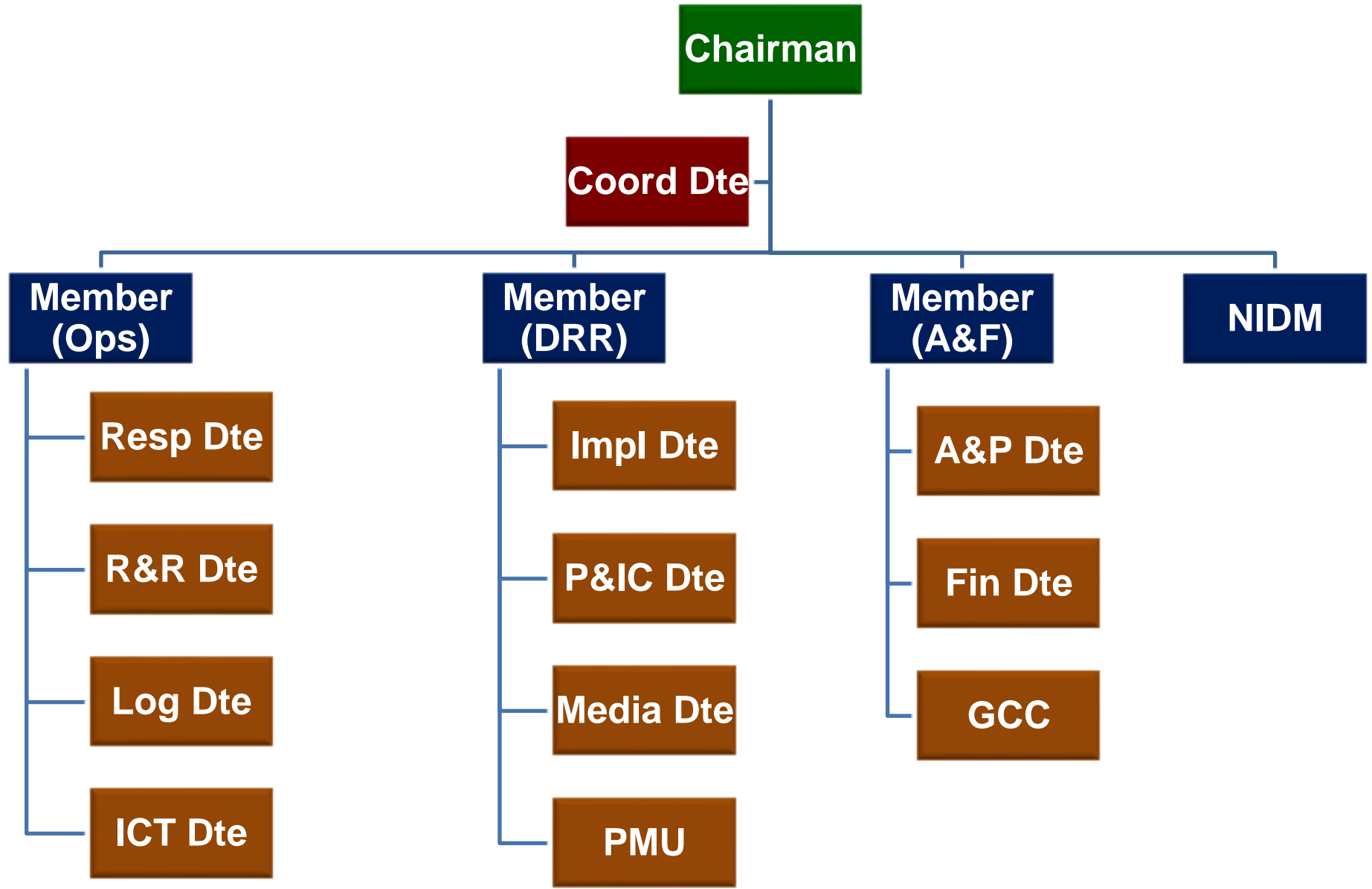


- **Prime Minister - Chair**
- **Leaders of Opposition
(Senate & NA)**
- **Federal Ministers
(Related Ministries)**
- **All Chief Ministers including
Chief Minister GB**
- **Governor KP (For FATA)**

- **Prime Minister AJ&K**
- **Chairman JCSC**
- **Civil Society Members**
- **Co-opted Members**
- **Chairman NDMA- Secretary**



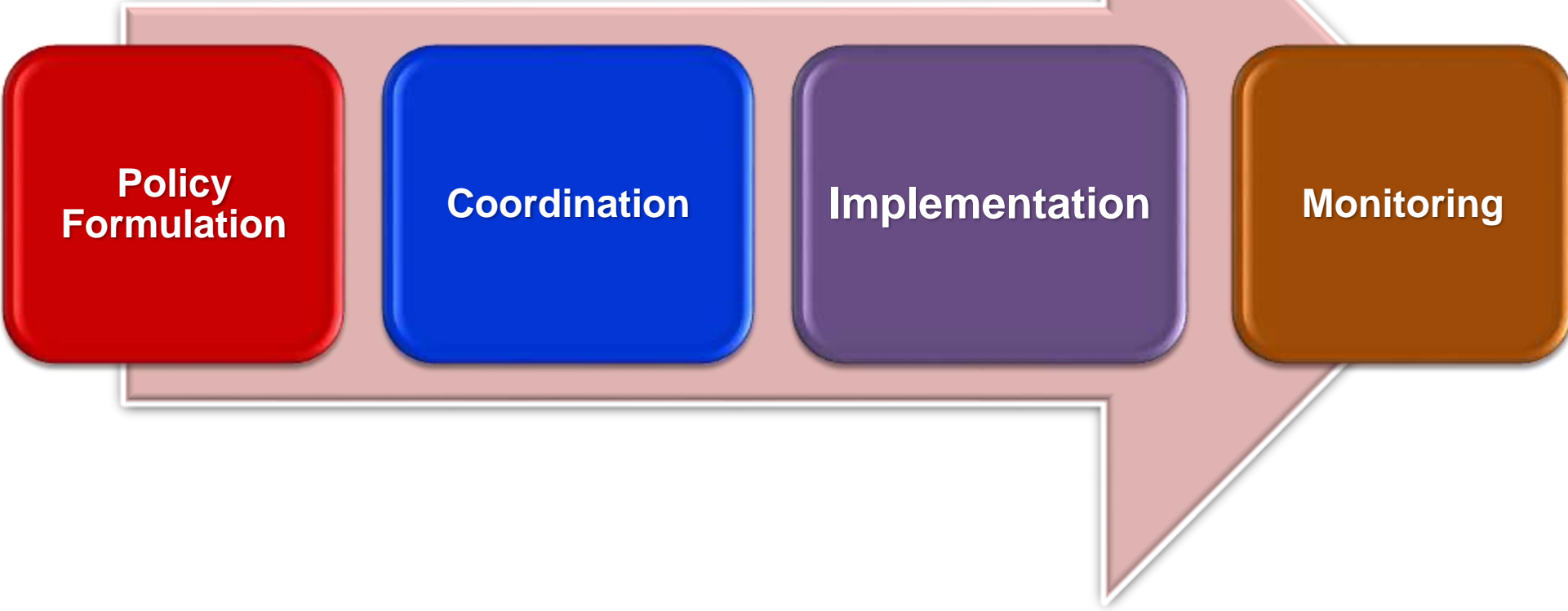
NDMA





NDMA Functions

Entire Spectrum of Disaster Management





DDMA Composition

Most Critical Tier

Chairman
District Executive (*ex-officio*)

Deputy Commissioner

District Police Officer (*ex-officio*)

Executive District Officer, Health

Other district level officers to be appointed by District Govt

Members



Bilateral & Regional Linkages



Bilateral Cooperation



Turkey
Dec 13



Republic of Korea
Sep 12



Kyrgyz Republic
May 15



Sri Lanka
Apr 15



Cuba
(Jul 2017)



Kazakhstan
(Ready for Signature)



Tajikistan
(Under Process)



China
(Under Process)



Afghanistan
(Under Process)



Azerbaijan
(Under Process)



Regional Cooperation



**South Asian
Association for
Regional Cooperation
(SAARC)**

**Economic Cooperation
Organization
(ECO)**

**Heart of Asia
Istanbul Process
(HOA, DM-CBM)**

**Regional Consultative
Committee on Disaster
Management
(RCC)**



Implementation of Global Frameworks in Pakistan



Implementation of Global Frameworks



Hugo Framework of Action 2005 - 2015

- National Disaster Risk Management Framework (**NDRMF 2007 – 12**) was formulated and implemented
- NDRMF identified **Nine Priority Areas** implemented in five years



Progress Achieved under NDRMF



- Institutional Strengthening; NDMA, PDMA established & DDMA's notified
- **Macro level National Hazard and Vulnerability Assessments**
- Training, Education & Awareness of public officials, School teachers
- **Promoting DRM Planning (30 Districts DRM Plans)**
- Community level risk reduction programming (CBDRM)
- **Multi-hazards Early Warning System & Tsunami EWS**
- Mainstreaming DRR into Development (National / Ministerial Working Group, DRR Guidelines for PC-I)
- **Emergency Response System (Six USAR teams established)**
- Capacity Development for Post Disaster Recovery (Mainstream DRR into all Reconstruction Projects, Community Restoration, WASH & Shelter)

Implementation of Global Frameworks



Sendai Framework of Action 2015 – 2030 (04 Priorities)

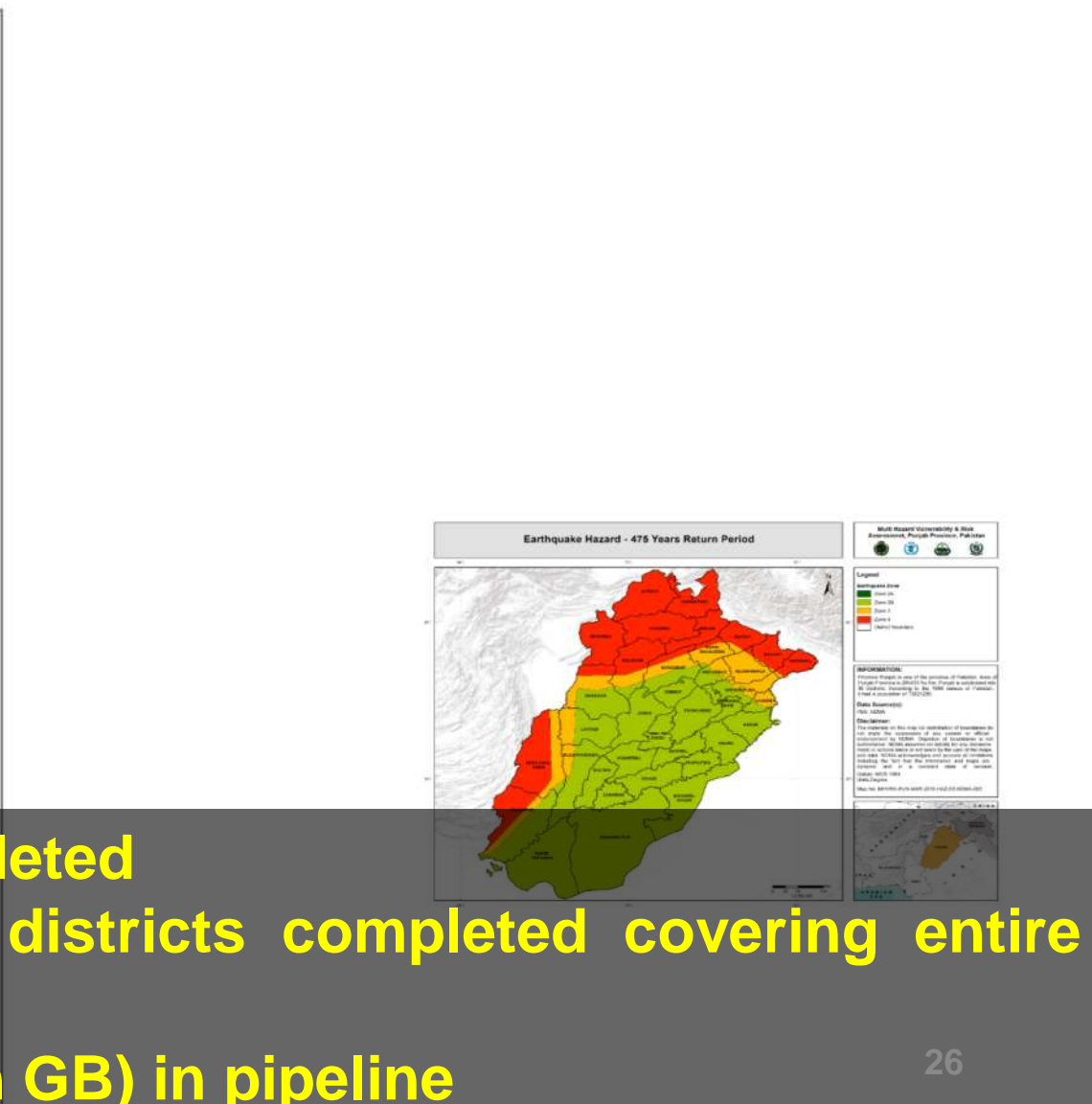
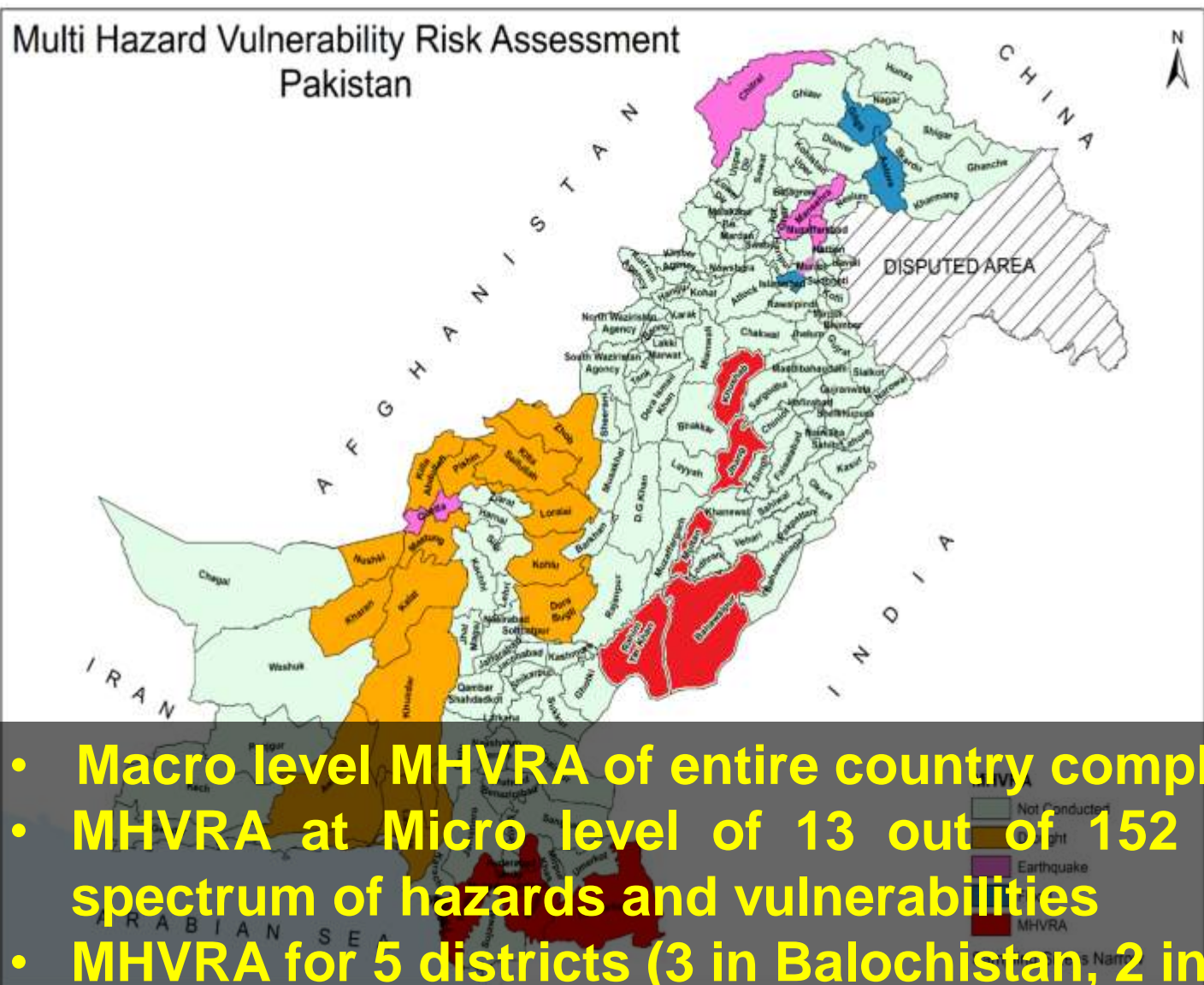
- **Priority-1** **Understanding Disaster Risk**
- **Priority-2** **Strengthen Disaster Risk Governance**
- **Priority-3** **Investing in Disaster Risk Reduction**
- **Priority-4** **Investing in Disaster Preparedness**



SFDRR – Priority 1

Understanding Disaster Risks

National & Local Risk Assessments



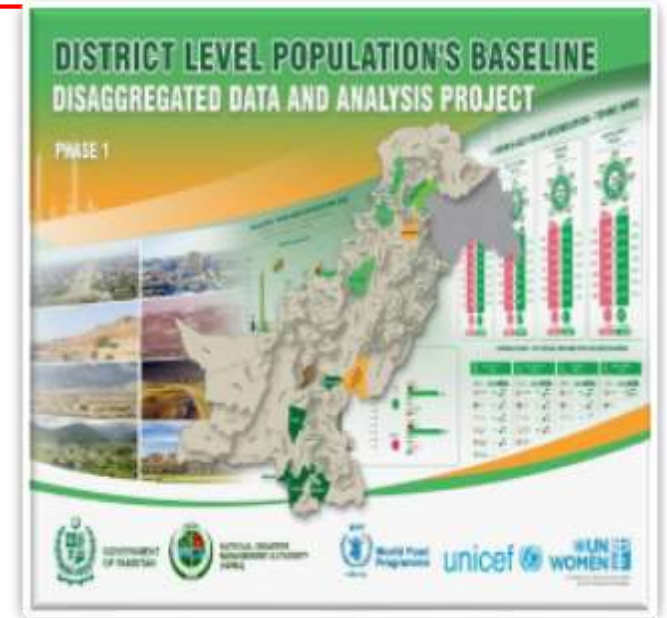
- Macro level MHVRA of entire country completed
- MHVRA at Micro level of 13 out of 152 districts completed covering entire spectrum of hazards and vulnerabilities
- MHVRA for 5 districts (3 in Balochistan, 2 in GB) in pipeline

- **Collection, Analysis, Management of Disaggregated Data**

- Disaggregated Data for 25 most vulnerable Districts compiled
- Disaggregated Data Atlas (based on age, gender & disability)
- Priority of vulnerable districts identified in NDMP

- **Disaster Education & Awareness**

- Integration of DRR Component in Academic Curricula
- Recognition of Bachelor and Master Level Program on DM by HEC
- Regular National, Regional, International Conferences & Workshops
- 8th October designated as National Disaster Awareness Day
- Dedicated Media Cell at NDMA for Awareness & Advocacy





Progress SFDRR



- **Disaster Loss Accounting at National & Local Level**
 - Standardized disaster reporting mechanism instituted at all levels
 - MIRA tool developed in collaboration with UNOCHA and used in 2015
 - Guidelines on minimum ex gratia assistance to persons affected by natural & man-made disasters
 - Indigenous system of damage assessment is in place and effectively practiced in Earthquake of 2015 ensuring early recovery within 8 weeks



Progress SFDRR



- **Regional & Trans-Boundary Risks**

- Under current trend of global warming and climate change, water insecurity in the basin has heightened, resulting in trans-boundary risks for Pakistan
- Pakistan being lower riparian state is at a higher risk of riverine floods
- Information exchange mechanism with India is constantly being improved
- Efforts being made to institutionalize trans border early warning mechanism & information sharing of hydro metrological data with India & Afghanistan
- Establishment of weather early warning between Pakistan Metrological & other Metrological departments of the region as per protocols of WMO



SFDRR – Priority 2

Strengthen Disaster Risk Governance to Manage Disaster Risk



Progress SFDRR



- **Legislative & Regulatory Framework related to DRR**
 - National Disaster Management Act enacted in 2010
 - National Disaster Risk Management Framework (2007-2012)
 - DRM Needs Report formulated through consultative process in 2012
 - National DRR Policy formulated in 2012
 - National Disaster Management Plan (NDMP) formulated in 2013
 - Legislation for enforcement of Building Codes in final stages
 - River Act as part of National Flood Protection Plan IV approved
 - National Fire and Life Safety Codes under process of notification



Progress SFDRR



- Policy Making & List of Key Policies related to DRR

- DRM Needs Assessment Report 2012
- National DRR Policy, 2013
- National Gender & Child Cell Framework 2013
- National Policy Guidelines on Vulnerable Groups 2014
- NDMA Guidelines for the Persons Affected by Natural and Manmade Disasters
- Implementation Framework on the National Policy Guidelines
- Pakistan School Safety Framework ([PSSF](#)) 2016 developed
- MHVRA Implementation Guidelines and Policy formulated
- Multi-Sector Initial Rapid Assessment (MIRA) Guidelines launched
- Development of Media & Communication Strategy



Progress SFDRR



- **Accountability Mechanism**

- National Disaster Management Act 2010 defines accountability as:-
 - **Clause 34:** *Whoever makes a claim which he knows or has reason to believe to be false for obtaining any relief or assistance for relief, reconstruction or other benefits consequent to disaster from any officer of the Federal Government, Provincial Government, National Authority, Provincial Authority or District Authority shall be punishable with imprisonment for a term which may extend to two years or with fine or with both*
- The Clause was affectively invoked in the aftermath of 2015 Earthquake



SFDRR – Priority 3

Invest in DRR for Resilience



Progress SFDRR



- **National Local & Sectoral Budget Allocation for DRR**

- NDMF for emergency situations at Federal level while similar funds at Provincial level are being pursued
- Pakistan Fund for Disaster Management established with the support of Asian Development Bank (ADB) with an initial seed money of USD 1 M (spread over 10 years). Major part of fund will be used for early warning & flood mitigation
- Enhanced Annual budget of NDMA
- NFPP-IV with cost estimate of USD 1707.60 M approved by Council of Common Interest
- Modernization of Pakistan Metrological Department (PMD) with USD 190 M



Progress SFDRR



- **Disaster Risk Transfer & Insurance, Risk Sharing, Retention & Financial Protection Mechanisms**
 - NDMA is working in collaboration with Lead Pakistan / CDKN on designing an initiative on Disaster Risk Insurance mechanism for vulnerable communities
 - Demand study for Fiscal Disaster Risk Assessment Provision completed and pilot project to commence shortly
 - Citizen Damage Compensation program after Earthquake 2005 & Floods 2010



Progress SFDRR



- **Policies, Plans & Investments to Reduce Risk in Key Development Sectors**
 - Building codes of Pakistan exist and being further refined
 - Legislation for Enforcement of Building Codes in final stages
 - Work on National Fire and Life Safety Provision undertaken
 - Environmental Impact Assessments made mandatory for public sector projects
 - Compliance of checklist mandatory for mainstreaming DRR into development
 - Annual Monsoon contingency plans based on emerging weather patterns



SFDRR – Priority 4
Enhance Disaster Preparedness for
Effective Response
and to “Build Back Better”



Progress SFDRR



Disaster Preparedness and Contingency Policies, Plans, Relief Funds and Capacity for Preparedness and Response

- Hazard specific contingency plans and policies prepared
- Capability to support over 0.3 Million people across Country by NDMA over and above Provincial capabilities
- Country wide elaborate Warehouse Network established with support of WFP including 6 Strategic Humanitarian Response Facilities and 51 FLOSPANS
- About 7200 persons trained through National Institute of Disaster Management
- National Disaster Management Simulation Exercises conducted in year 2014 & 2015
- National Industrial Disaster Mock Exercises conducted in 2010, 2016 & 2017
- Earthquake Mock Exercise Drill conducted in 2017 through UNESCO



Progress SFDRR



- Disaster Preparedness & Contingency Policies, Plans, Relief Funds & Capacity for Preparedness & Response
 - Participation in South Asian Annual Disaster Management Exercise (SAADMEX) held at New Delhi, India in 2015
 - Government Official Emergency Response Exercise (**GOERE**) conducted all across the Country in 2016
 - Six modern **Urban Search & Rescue Teams** raised and functional
- Early Warning Systems
 - Capacity enhancement of PMD is being undertaken
 - Revision of Mangla & Terbela Dam SOPs
 - SMS based EWS for communities established with the assistance of Pakistan Telecommunication Authority (PTA) & collaboration of Cellular Companies



Implementation of Global Frameworks



Pakistan is committed to international obligations of other global frameworks

- **Heart of Asia (Istanbul Process)**
 - ✓ Started in **2011**
 - ✓ **Pakistan and Kazakhstan** are co-lead on Disaster Management
 - ✓ Pakistan organized **three out of five** Regional Technical Group meetings
- **Regional Consultative Committee (RCC)**
 - ✓ RCC comprises of **26 members** from Asia & Pacific Region
 - ✓ **Asian Disaster Preparedness Center (ADPC)** is the Secretariat of RCC
 - ✓ **13th RCC meeting** was hosted by Pakistan in October 2016



Implementation of Global Frameworks



- **Conference of The Parties (COP)**
 - ✓ NDMA is the focal organization for **Loss & Damage**
 - ✓ In COP 22, NDMA followed negotiations on **Gender & Climate Change**
- **World Humanitarian Summit (WHS)**
 - ✓ NDMA participated in WHS Istanbul from **21 – 25 May 2016**
 - ✓ NDMA's stall of "Disaster Resilient Pakistan" was visited by then **UN Secretary General Mr Ban Ki Moon**
 - ✓ Seminar with theme "**Reaching People in Need; Pakistan's Experience**", & an **Exhibition Fair** was also organized

Implementation of Global Frameworks



RTG



RCC

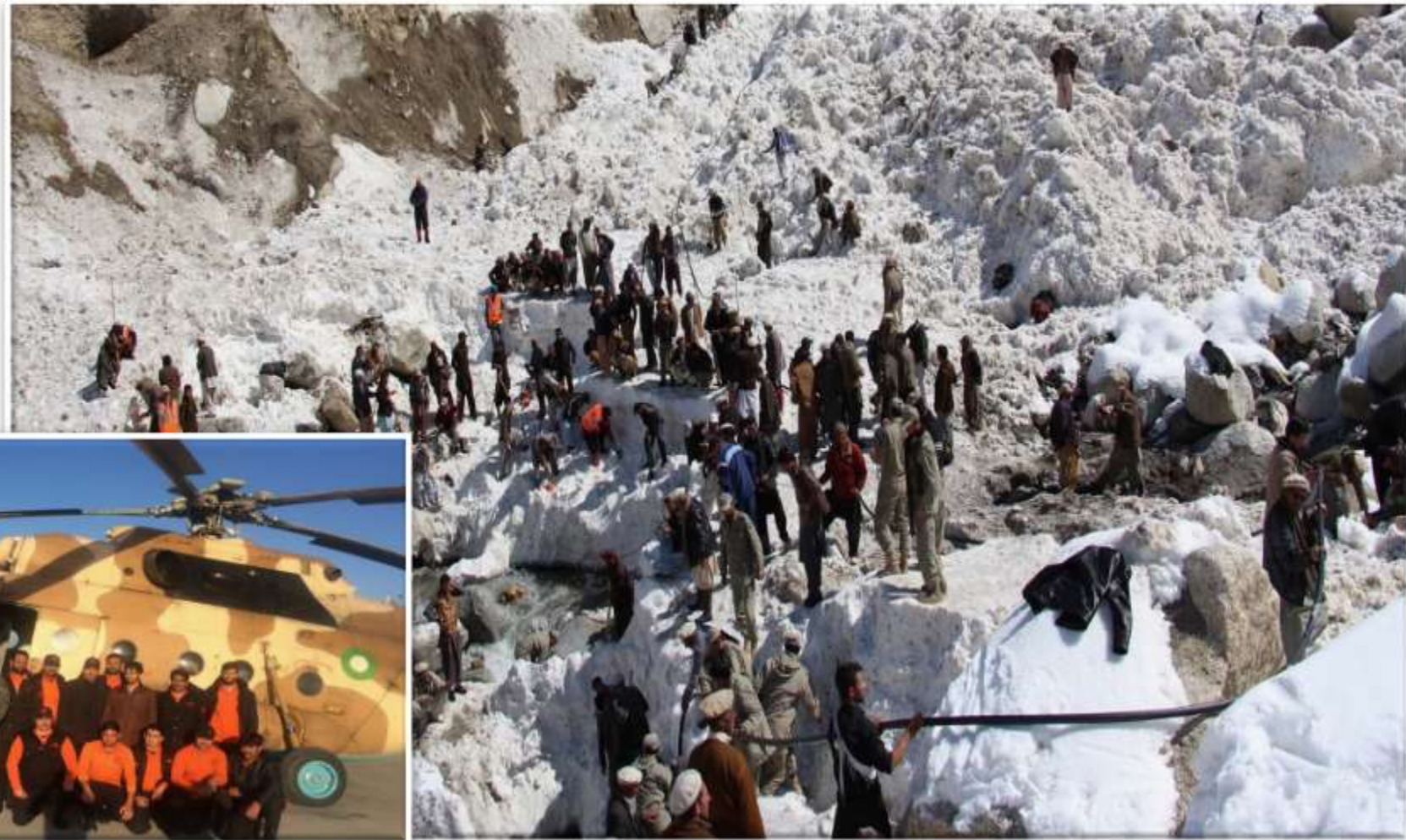


WHS



Pre COP 23

Search & Rescue Operation at Susum Chitral NDMA employed USAR Team on 22 March 2016





South Asian Annual Disaster Management Exercise (SAADMEX), India (23 – 26 November 2015)





National Disaster Awareness Day 8th October 2015



World Humanitarian Summit Turkey – May 2016



Humanitarian Response Facilities (HRFs)



National Industrial Disaster Mock Exercise – RY Khan 16 March 2017



National Consultative Dialogue Role of Media in Disaster Management





Global Framework into National Policies



- After implementation of NDRMF, need was felt to formulate a holistic & long term policies for implementation of DRR at all tiers
- National DRR Policy 2013 was approved from NDMC
- For DRR Policy implementation, NDMP was approved from NDMC in 2013
- NDMP is aligned with HFA and Sendai Framework for Action
- To align priorities with Pakistan's obligations, NDMP Implementation Roadmap (2015 – 30) was launched in 2015 which consists of:-
 - MHVRA at micro level starting from most vulnerable districts
 - CBDRM
 - Capacity Building of all stakeholders
 - Awareness and Advocacy



NDMA Approach to Minimize Overlap



- To minimize overlap in Global Frameworks, initiatives being taken are:-
 - Revision of NDMP keeping in view National priorities & International Obligations
 - Review of National Disaster Response Plan (NDRP)
 - Steering Committee has been notified to oversee the DRR work in the Country
- NDMA actively participating in developing local indicators of SFDRR for its implementation at local level
- Country DRM status report was submitted to UNISDR in 2016



Challenges for Disaster Management



- Financial investment & huge outlay of development for resilience at infrastructure and community level
- Creation of synergy between various global frameworks
- Limited Capacity of Metrological Forecast & Early Warning System
- Extreme vulnerability against floods till implementation of National Flood Protection Plan – IV
- Trans border Flood Early Warning Mechanism with India is weak
- Strengthening disaster management structure of the Country especially emergency response at District Level
- Public Private Investment



Way Forward



- Enhancement of **Early Warning System (PMD)** & **Emergency Preparedness (USAR Teams)**
- Revision of **NDMP & NDRP** aligned with key indicators of SFDRR
- Modernization of **NEOC** alongwith availability of mobile van & DSNG
- Capacity enhancement of National Institute of Disaster Management (**NIDM**)
- **Climate Change** is severely affecting Pakistan, there is a requirement for institutional strengthening & capacity building of stakeholders



THANK YOU