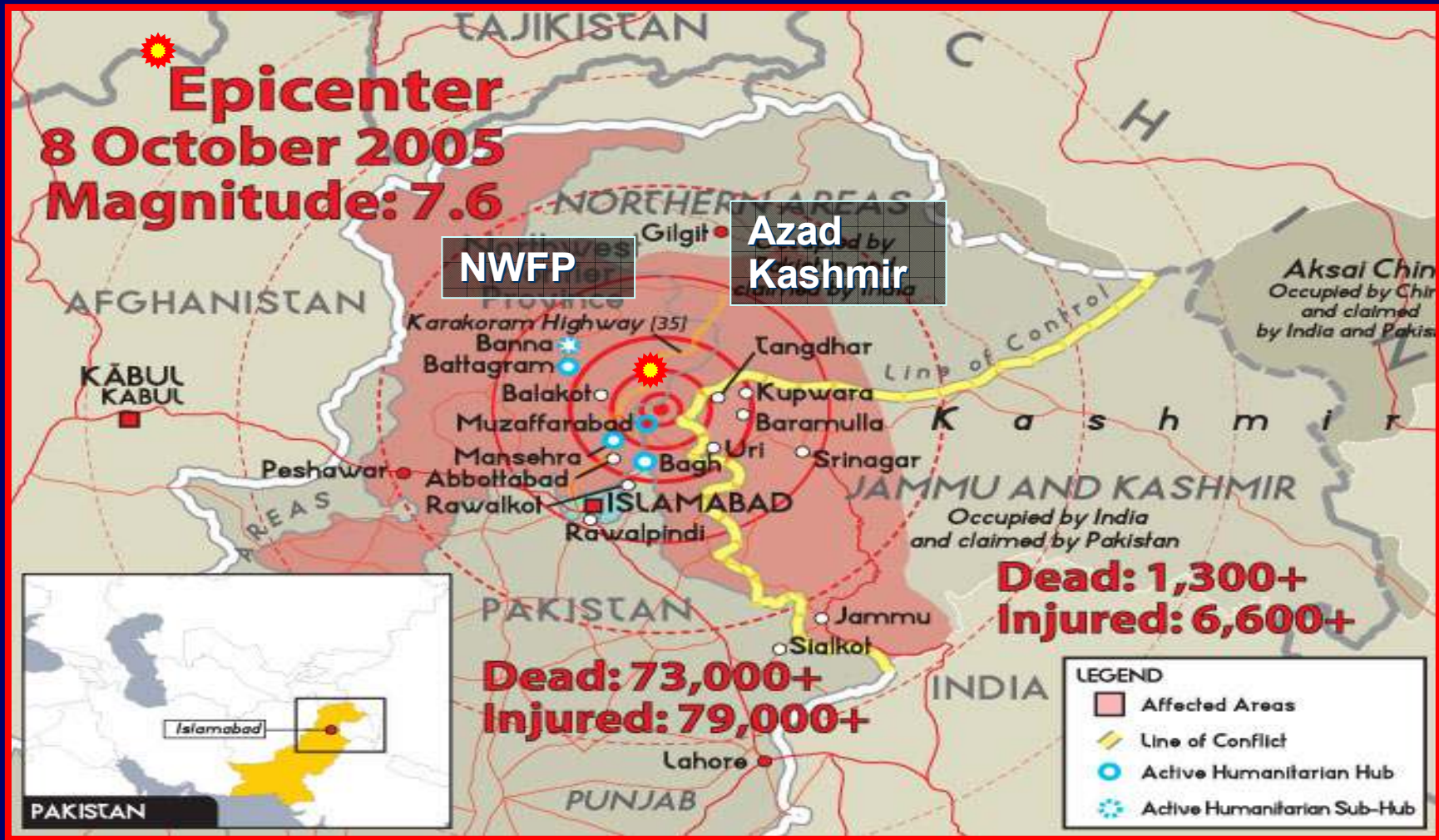


MAINSTREAMING DISASTER RISK REDUCTION INTO DEVELOPMENT IN PAKISTAN



OUTLINE

- **OCT 8 EARTHQUAKE - DAMAGES AND LOSSES**
- **PRE-EARTHQUAKE RELIEF MECHANISM AND INCEPTION OF FEDERAL RELIEF COMMISSION**
- **PRESENT DISASTER MANAGEMENT SETUP**

TOTAL POPULATION : 3.5 M

Gilgit

Kalam

7.6

**FAULT LINE
100 KM LONG**

Pattan

Mingora

• HUMAN LOSS

73,338

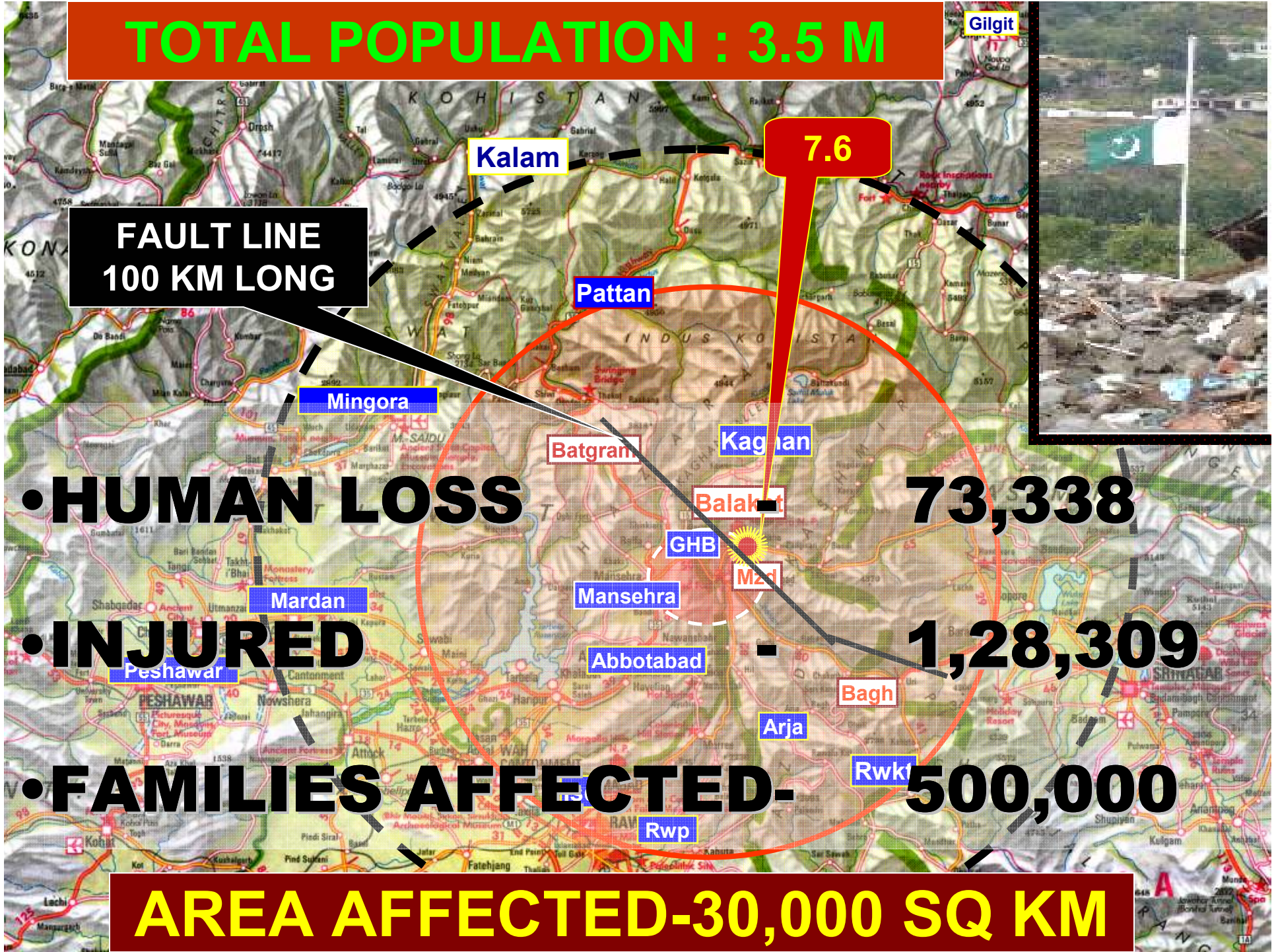
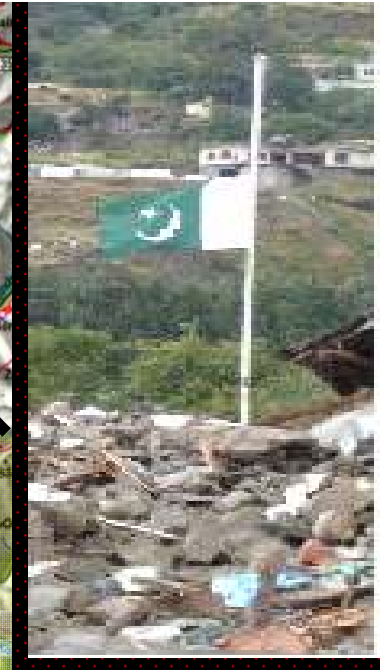
• INJURED

1,28,309

• FAMILIES AFFECTED-

500,000

AREA AFFECTED-30,000 SQ KM



DAMAGES DUE TO EARTHQUAKE

CATEGORY	DESTROYED/ DAMAGED	TOTAL
HOUSES	600152 (76.20%)	787583
EDUCATIONAL INSTITUTES	7669 (66.94%) 18095 STUDENTS DEAD	11456
HEALTH INSTITUTES	574 (73.40%)	782
ROADS	4429 KMs (37.02 %)	11963

- **MOST OF THE UTILITIES LIKE TELECOMM, WATER SUPPLY & ELECTRICITY WERE OUT OF ORDER**
- **200 MILLION TONS DEBRIS**

ORGANIZATIONS INVOLVED IN RESPONSE (PRE-EARTHQUAKE)

- **NATIONAL CRISIS MANAGEMENT CELL**

- **NERVE CENTER**

- **FOCAL POINT IN ALL EMERGENCIES**

- **EMERGENCY RELIEF CELL**

- **COORD RELIEF ACTIVITIES**

- **STOCKPILE LIMITED QUANTITIES OF BASIC NECESSITIES**

- **CIVIL DEFENCE ORGANIZATION**

- **MAINTAINANCE AND RESTORATION OF NORMAL LIFE ACTIVITIES, IF DISTURBED BY ENEMY ACTION OR NATURAL CALAMITY**

FRC - AN INTERFACE

MANDATE

“THE Federal Relief Commissioner SHALL CO-ORDINATE AND MONITOR THE RELIEF EFFORTS. HE SHALL REPORT DIRECTLY TO THE PRIME MINISTER. ALL AGENCIES CONCERNED WITH THE RELIEF AND REHABILITATION EFFORTS, INCLUDING CABINET, HEALTH, INTERIOR, FOREIGN AFFAIRS, COMMUNICATION AND INFORMATION DIVISIONS SHALL FUNCTION THROUGH HIM AND FORM A PART OF THE TEAM. ARMED FORCES SHALL ALSO BE A PART OF THE TEAM”

FEDERAL RELIEF COMMISSION

FEDERAL RELIEF COMMISSIONER

- CC MILITARY WING
- CC. CIVILIAN WING

- Info Mgmt Cell
- Data Mgmt Cell

RESCUE / RELIEF OP

- OPS CELL
- LOG CELL
- AIR LAISON
- INFRASTRUCTURE
- FOREIGN COORD
- MED CELL

RELIEF COORDS

- HEALTH
- FOOD
- SHELTER
- NGOs
- MOFA
- AJ&K/NWFP

CO-OPTED MEMBERS

- ERC
- NCMC
- UTILITY STORES
- NADRA
- SOCIAL WORKS
- KANA/NWFP REP

FEDERAL RELIEF COMMISSION

JOINT COORD CENTER

MIL COMPONENT

STRAT GP LDRs

CIV COMPONENT

NADRA, NCMC
ERC, ISPR

UN/US/NATO

INTL ORGs

NGOs

NVMs

ARMY

PUBLIC

JS
HQ

PAF

PHILANTHROPIST

EXPATRIATES

WB/ IDB/
ADB /IMF

FOREIGN SP

GOVT DEPTS

MINISTRIES

AK & NWFP
GOVTS

PROVINCES

RESCUE, RELIEF & RECOVERY

CLUSTER APPROACH

HEALTH -- WHO

SHELTER -- IOM

LOGISTICS -- WFP

EARLY RECOVERY -- UNDP

CAMP MANAGEMENT - UNHCR

WATER, SANITATION- UNICEF

SAFETY, SECURITY -UNDSS

FOOD/NUTRITION
WFP, UNICEF

PROTECTION, EDUCATION
UNICEF

INFO, TELECOMM
WFP, UNICEF

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HEALTH

FOOD

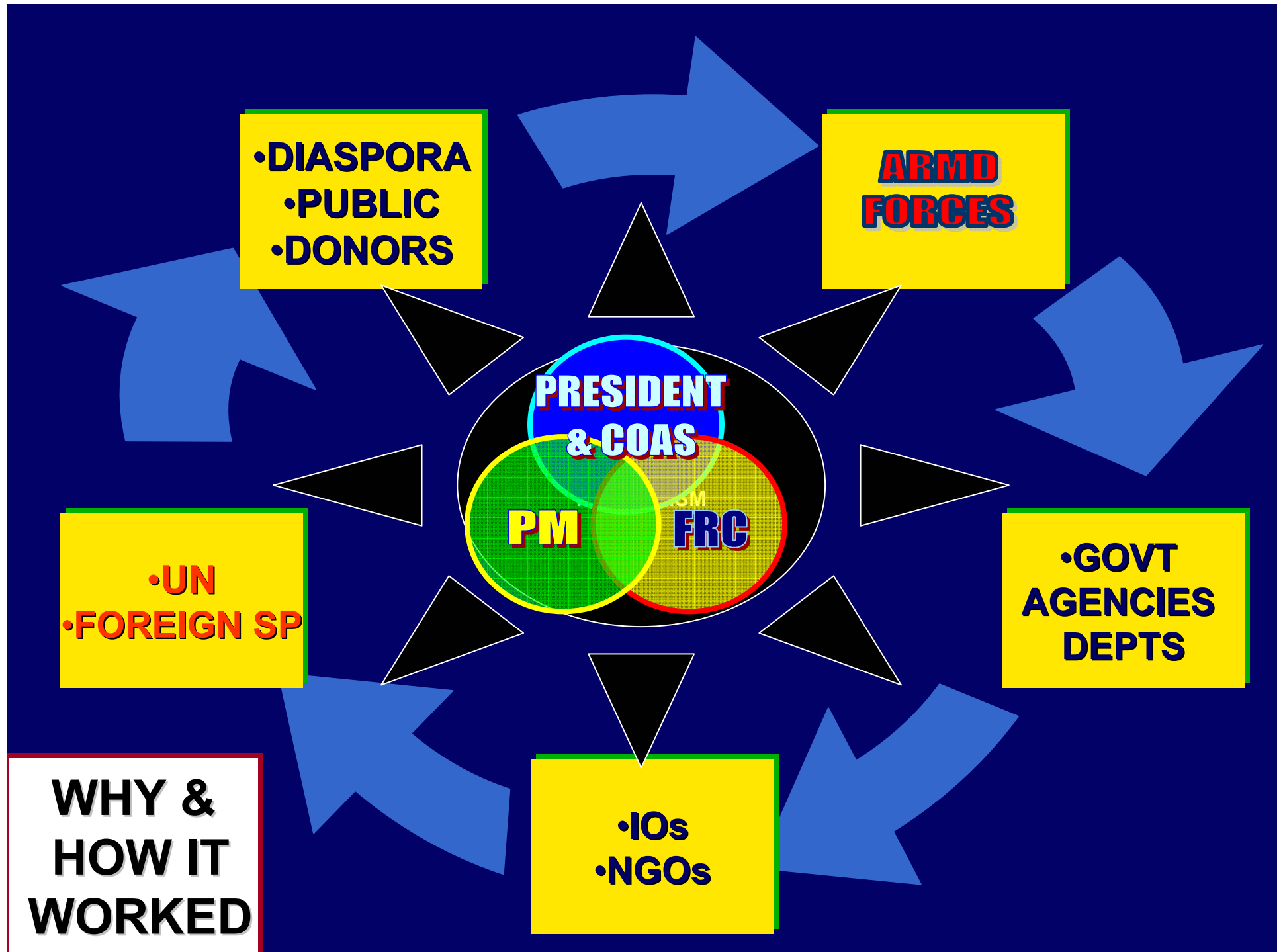
LOGISTICS

EDUCATION

PROTECTION

SHELTERS
CAMP MANAGEMENT

INFRASTRUCTURE



RELIEF PROVIDED

TENTS: 950,440

BLANKETS: 6,500,000

RATION : 256,400 TONS

MEDICINES : 3054 TONS

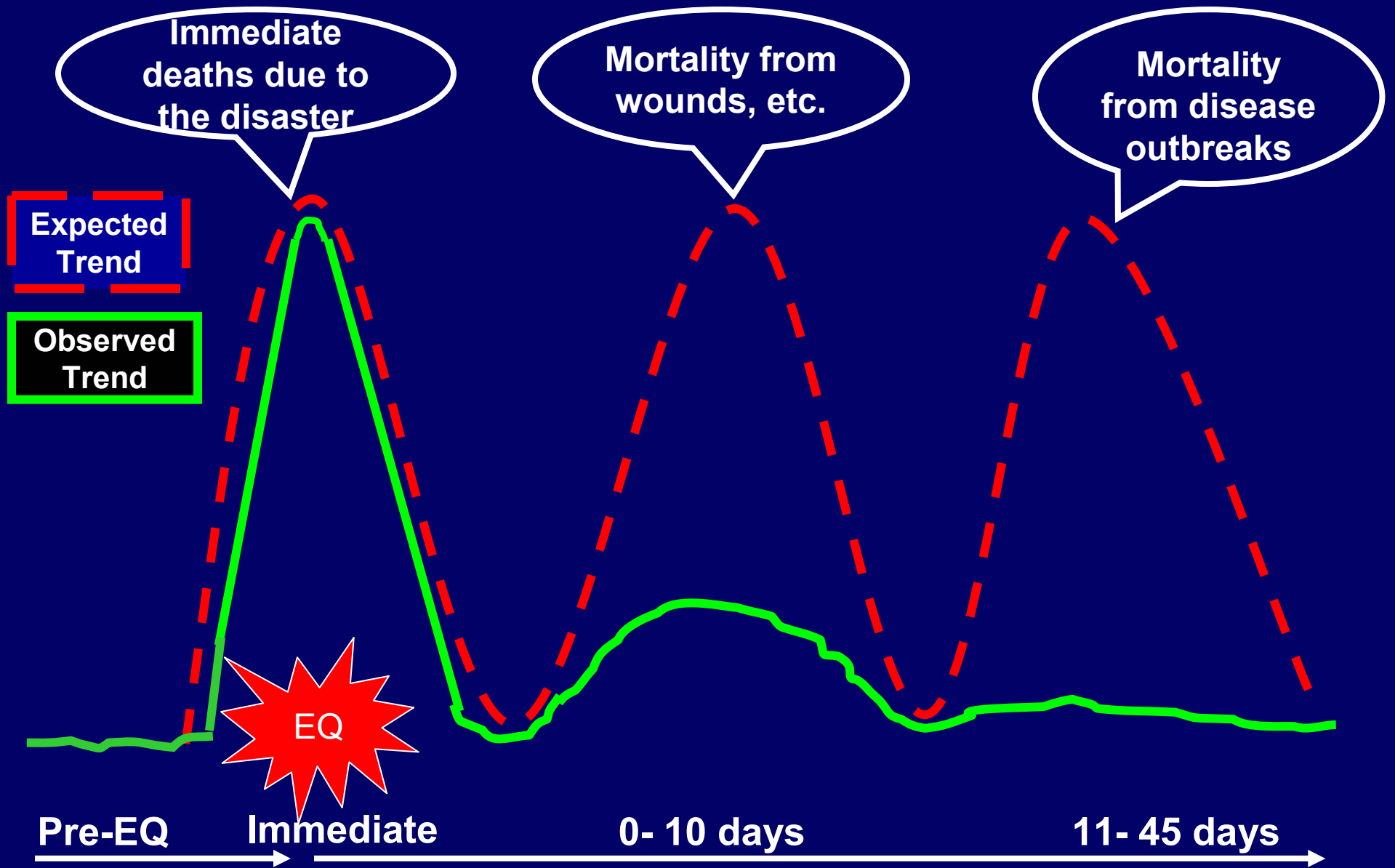
MISC : 131,000 TONS

AVN SORTIES: 33,300

COMPENSATION PAID: 22 B

K-2 OIL : 2 MN LTRS

EXPECTED & ACTUAL MORTALITY RATE AFTER EARTHQUAKE



THE NATION ON THE MOVE

“ A ‘NATION UNITED’ CHARACTERIZES THE *STRONG CIVIL SOCIETY RESPONSE* THROUGHOUT PAKISTAN AND AMONG EXPATRIATES LIVING ABROAD. SMALL SELF-HELP GROUPS HAVE BEEN FORMED IN MANY OF THE AFFECTED AREAS AND ARE BEING *SUPPORTED BY TENS OF THOUSANDS OF PEOPLE THROUGHOUT PAKISTAN* WHO ARE COLLECTING RELIEF GOODS, OFTEN AT THE NEIGHBORHOOD LEVEL.”

BY WORLD BANK

RESPONSE ORDINARY PAKISTANIS

“ AND THE RESPONSE FROM ORDINARY PAKISTANIS WAS VERY IMPRESSIVE. THERE WERE DRAMATIC TRAFFIC JAMS UP THE MOUNTAINS, PARTLY FROM LANDSLIDES, BUT ALSO FROM PEOPLE BRINGING CLOTHES, FOOD AND WATER FOR THE VICTIMS. IT WAS EXTREMELY INSPIRING AND ENCOURAGING”

An article of Ms. Goodwin, Editor-at-Large for Marie Claire Magazine, published in Magazine of the UN Association in the USA

BIGGEST SUCCESS.....

“I CONSIDER OUR BIGGEST SUCCESS THAT WE DID NOT SEE THE SECOND WAVE OF DEATHS FROM COLD OR HUNGER, AND THERE WAS NO EPIDEMIC OR DISEASE OUTBREAK, WHICH WE FEARED WOULD HAPPEN”

An article of Ms. Goodwin, Editor-at-Large for Marie Claire Magazine published in Magazine of the UN Association in the USA

“I WAS ENORMOUSLY IMPRESSED WITH THE ORGANISATION THAT HE AND HIS TEAM HAVE BROUGHT TO BEAR IN JUST A FEW SHORT DAYS. LITERALLY FROM THE AIRPORT TO THE AFFECTED AREAS WAY OUT IN THE MOUNTAINS, I THINK THE GOVERNMENT OF PAKISTAN, FRC, PAKISTAN MILITARY DESERVE ENORMOUS CREDIT FOR THE WAY THEY WERE ORGANISED. THEY HAVE ALLOWED US AND OTHER FRIENDS OF PAKISTAN FROM AROUND THE WORLD OF FALL IN, IN EFFECTIVE SUPPORT OF THE LARGER SUPPORT”

***US AMBASSADOR RYAN C.
CROCKER***

PRESENT

DISASTER MANAGEMENT AUTHORITY

NATIONAL DISASTER MANAGEMENT ORDINANCE

- **NATIONAL DISASTER MANAGEMENT ORDINANCE WAS PROMULGATED IN DEC 2006. PRESENTLY IT IS IN THE NATIONAL ASSEMBLY FOR APPROVAL**
- **THE ORDINANCE CALLS FOR ESTABLISHMENT OF DISASTER MANAGEMENT ENTITIES AT FEDERAL, PROVINCIAL AND DISTRICT LEVEL**
- **UNDER THE ORDINANCE NDM COMMISSION HEADED BY THE PM IS THE POLICY MAKING BODY WITH NDMA AS ITS EXECUTIVE ARM**

Cont.....

NATIONAL DISASTER MANAGEMENT ORDINANCE

- **THE ORDINANCE MAKES NDMA THE SOLE AUTHORITY TO MANAGE COMPLETE SPECTRUM OF DISASTER MANAGEMENT AT NATIONAL LEVEL**
- **ALL AGENCIES- FOREIGN OR DOMESTIC- SHALL WORK IN THE FIELD OF DISASTER MANAGEMENT THROUGH NDMA**

PRESENT DISASTER MANAGEMENT SETUP

NATIONAL COMMISSION

- PM
- LEADERS OF OPPOSITION
- MINISTERS

NDMA

**PROVINCIAL
DMCs & As**

**CIVIL
DEFENCE**

**CIVIL
SOCIETY/
NGOs/IOs**

**RESCUE &
RELIEF
RESPONSE**

**RECOVERY &
REHABILITATION/
RECONSTRUCTION**

**ARMED
FORCES**

**CO OPTED
MEMBERS**

**DISTRICT
DMAs**



NATIONAL DISASTER RISK MANAGEMENT FRAMEWORK

PROCESS

- **OCT 06: DRAFT PREPARED BY NDMA**
- **NOV 06: COMMENTS FROM NATIONAL/PROVINCIAL DEPARTMENTS**
- **27 NOVEMBER: CONSULTATION WITH FEDERAL / PROVINCIAL DEPARTMENTS**
- **07 DECEMBER: CONSULTATION WITH NGOs**
- **09 DECEMBER: CONSULTATION WITH DONORS**
- **JANUARY 2007: REVISION OF THE FRAMEWORK**

VISION

TO ACHIEVE SUSTAINABLE SOCIAL, ECONOMIC AND ENVIRONMENTAL DEVELOPMENT IN PAKISTAN THROUGH REDUCING RISKS AND VULNERABILITIES, PARTICULARLY THOSE OF THE POOR AND MARGINALIZED GROUPS, AND BY EFFECTIVELY RESPONDING TO AND RECOVERING FROM ALL TYPES OF DISASTER EVENTS

MISSION

**TO MANAGE COMPLETE SPECTRUM OF ALL
TYPES OF DISASTERS THROUGH *A PARADIGM
SHIFT BY MOVING AWAY FROM RESPONSE AND
RELIEF ORIENTED APPROACHES AND BY
ADOPTING A DISASTER RISK REDUCTION
PERSPECTIVE FROM LOCAL GOVERNMENT
LEVEL UPWARDS***

SCOPE

- **TO MANAGE COMPLETE SPECTRUM OF ALL KIND OF DISASTERS AT NATIONAL LEVEL**
- **TO PROVIDE DIRECTION AND GUIDELINES TO ALL KEY NATIONAL, PROVINCIAL AND LOCAL STAKEHOLDERS**
- **ADDRESS VULNERABILITY REDUCTION AND CAPACITY BUILDING OF KEY INSTITUTIONS AND COMMUNITIES TO ADDRESS DISASTER RISKS**
- **TO IMPLEMENT DRR POLICIES**

PRIORITIES IDENTIFIED IN THE FRAMEWORK

- **INSTITUTIONAL AND LEGAL ARRANGEMENTS**
- **NATIONAL HAZARD AND VULNERABILITY MAPPING**
- **TRAINING, EDUCATION AND AWARENESS RAISING**
- **PROMOTING DISASTER RISK MANAGEMENT PLANNING BY ALL**
- **COMMUNITY AND LOCAL LEVEL RISK REDUCTION PROGRAMMING**

Cont.....

PRIORITIES IDENTIFIED IN THE FRAMEWORK

- **MULTI-HAZARD EARLY WARNING SYSTEM**
- ***MAINSTREAMING DISASTER RISK REDUCTION
INTO DEVELOPMENT***
- **STRENGTHEN EMERGENCY RESPONSE SYSTEM**
- **CAPACITY DEVELOPMENT FOR POST DISASTER
RECOVERY**

MAINSTREAMING DISASTER RISK REDUCTION

(PRIORITY-7 , SECTION 6.7-NDRMF)

- **NDMA WILL ENSURE INTEGRATION OF DISASTER RISK REDUCTION INTO THE NATIONAL DEVELOPMENT PLAN AND NATIONAL POVERTY ALLEVIATION STRATEGY**
- **WORK WITH MINISTRIES ON INTEGRATION OF DISASTER RISK REDUCTION INTO SECTORAL POLICY, PLANNING AND IMPLEMENTATION**
- **DEVELOP TECHNICAL GUIDELINES ON INCORPORATING RISK ASSESSMENT INTO SECTORAL PROJECT PLANNING AND VULNERABILITY REDUCTION**

Cont.....

MAINSTREAMING DISASTER RISK REDUCTION

(PRIORITY-7 , SECTION 6.7-NDRMF)

- **DEVELOP CRITERIA FOR ASSESSMENT OF DEVELOPMENT PROJECTS WITH A RISK REDUCTION LENS**
- **CONDUCT NATIONAL AND PROVINCIAL WORKSHOPS ON INTEGRATING RISK ASSESSMENT IN PROGRAMME PLANNING AND DESIGN, AND VULNERABILITY REDUCTION IN IMPLEMENTATION**
- **MAY INITIATE PILOT PROJECTS WITH SELECTED LINE DEPARTMENTS ON MAINSTREAMING OF RISK REDUCTION**

INTEGRATING DRR INTO SECTORAL POLICIES PROGRAMME

INSTITUTIONS COVERED

- **FEDERAL AND PROVINCIAL MINISTRIES**
- **TECHNICAL DEPARTMENTS AND RESEARCH
INSTITUTIONS**
- **MEDIA, BANKS, PRIVATE & INSURANCE SECTORS**
- **UN AGENCIES**
- **CIVIL SOCIETY ORGANIZATIONS (AND NGOs)**

RESPONSIBILITIES

- **PREPARE DRM PLAN FOR THE MINISTRY/
DEPARTMENT / AGENCY**
- **DEVELOP TECHNICAL AND PHYSICAL CAPACITIES
OF THE MINISTRY/ DEPARTMENT/ AGENCY FOR
DRM**
- **ASSESS DISASTER RISKS RELATED TO THE
ASSETS AND INFRASTRUCTURE OF THE
MINISTRY/DEPARTMENT/AGENCY**
- **INTEGRATE VULNERABILITY REDUCTION
MEASURES IN THE IMPLEMENTATION OF
MINISTRY/DEPARTMENT'S PROGRAMMES**

Cont.....

RESPONSIBILITIES

- **CONDUCT POST DISASTER ASSESSMENTS FOR THE DAMAGE AND LOSSES TO THE ASSETS AND INFRASTRUCTURE OF MINISTRY/ DEPARTMENT/ AGENCY**
- **ORGANIZE EMERGENCY RESPONSE AS PER THE MANDATE OF THE MINISTRY/ DEPARTMENT/ AGENCY**
- **ORGANIZE RECOVERY AND REHABILITATION AS PER THE MANDATE**

THANK YOU