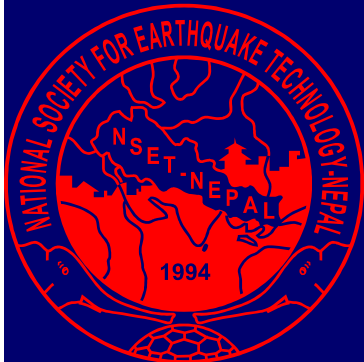


**UNDP-ProVention-CRED  
Workshop to  
Improve the Compilation of Reliable  
Data on Disaster Occurrence and  
Impact**

**2-4 April 2006, BKK**

**Nepal's Experiences with Disaster Loss  
data and Database Development**



**NSET**

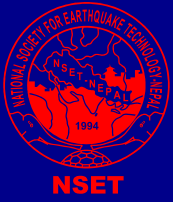
**Amod Mani Dixit, NSET,  
NEPAL**



# Accomplishment (1)

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- ☛ Training in DesInventar system and Consensus concept/methodology for National Database developed, 2002
  - Data collection format, data source, loss data homogenization
- ☛ Collection of natural disaster information and preparation of disaster database of 1971-2003 (33 Years) completed, 2003
  - Entered into the DesInventar System,
  - Available in net.
  - Disaster Profile of country
- ☛ Series of workshops for dissemination



# Accomplishment (2)

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- ☛ The DIMS Project established the feasibility of Disaster Inventory and Information Management System
- ☛ Emphasized the need to institutionalize DIMS in Nepal
- ☛ Institutionalization defined as
  - Transfer of approach, methodology and processes to a “Sustainable System”
  - Transfer of ownership
  - Application, Roles, Responsibilities - authorities



# Current efforts for Institutionalization

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## ☞ More and More Dialogues

- Series of presentations in DRR-related specialized workshops - Sensitization

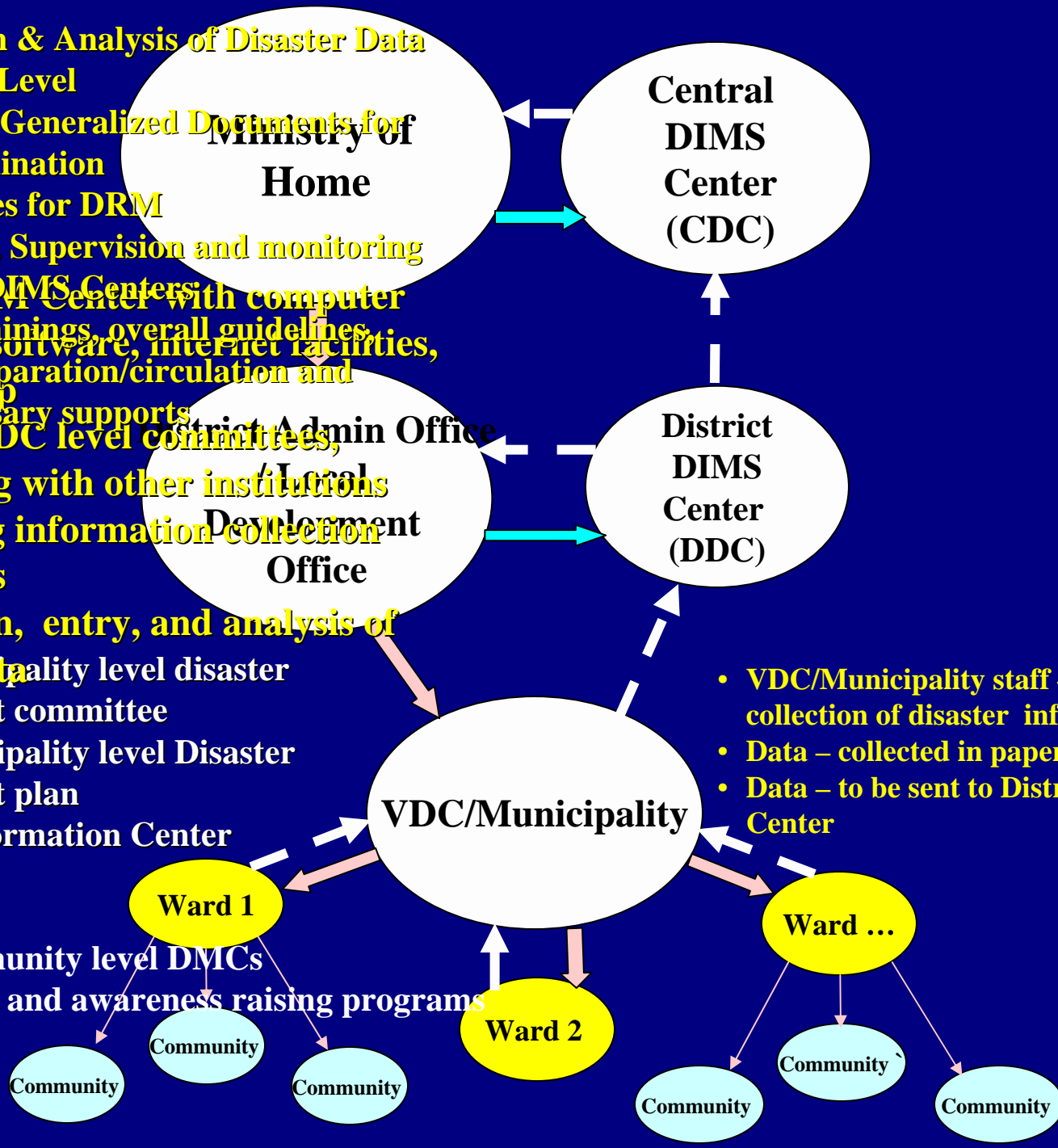
## ☞ Advocacy for Institutionalization using the database

- Benefits of Centralized DIMS with decentralized process
- District as the HUB for Data Collection, analysis, and use
  - District Development Plans
- Centralized Database depository at the Center – use in Policy making
  - National Perspective Plans

## ☞ Pilot Project about to start in TWO Districts

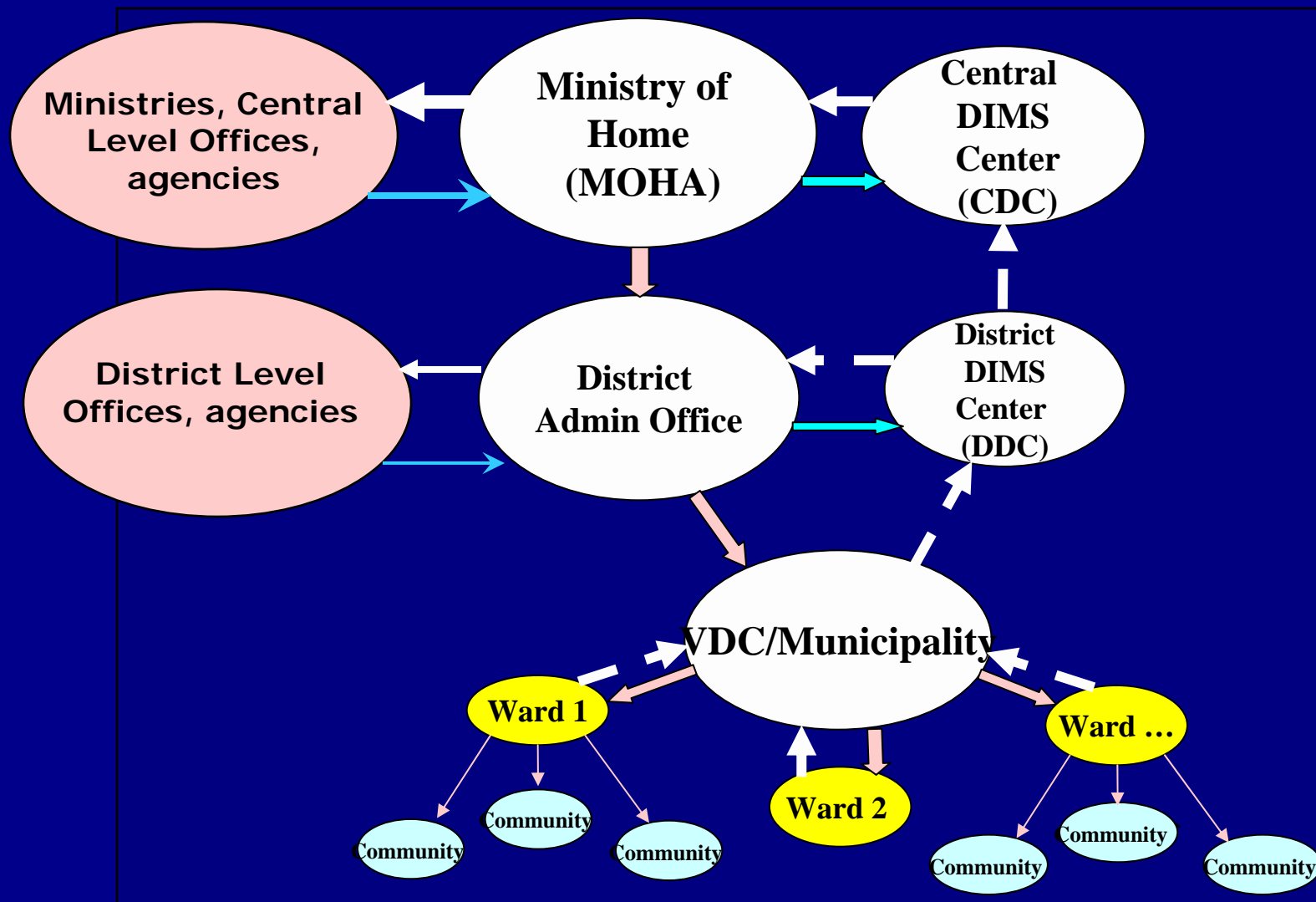
# **Proposed Overall Framework of I-DIMS**

- **Compilation & Analysis of Disaster Data at National Level**
- **Creation of Generalized Documents for wide dissemination**
- **draft Policies for DRM**
- **Facilitation, Supervision and monitoring of District DIMS Centers**
- **Conduct trainings, overall guidelines, hardware/software, internet facilities, manual preparation/circulation and office set-up**
- **Monitor VDC level committees, District Admin Office, Jural Development Office**
- **Networking with other institutions**
- **Monitoring information collection from VDCs**
- **Verification, entry, and analysis of disaster data**
- **VDC/Municipality level disaster management committee**
- **VDC/Municipality level Disaster management plan**
- **Disaster information Center**



- **VDC/Municipality staff – assigned for collection of disaster information**
- **Data – collected in paper format and**
- **Data – to be sent to District DIMS Center**

- **Ward/Community level DMCs**
- **Sensitization and awareness raising programs**
- **CBDRM**

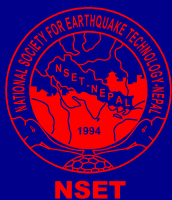




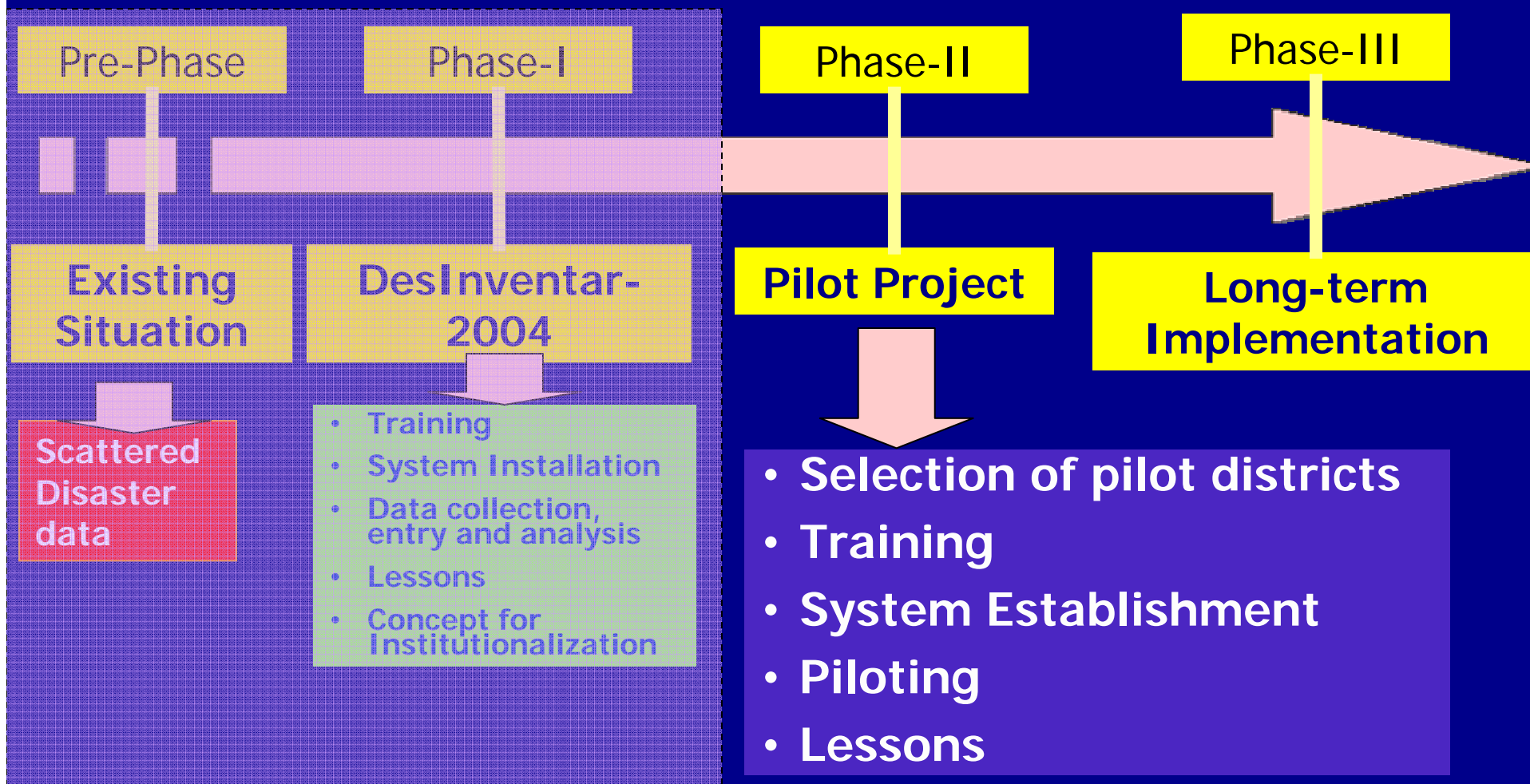
# Basic Characteristics

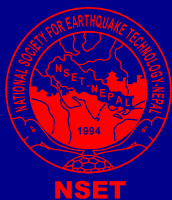
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- ☞ DIMS – should be “Real Time” or “dynamic”
- ☞ DIMS – should feed into Development planning, implementation, monitoring, policy
- ☞ DIMS – should assist in DRM process at all levels
- ☞ DIMS , therefore, should have the data collection and use mechanism at the lowest level of governance i.e. ward/community level



# Pilot Implementation





# Objectives of Pilot Project

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- Examine the feasibility of institutionalization of the system in all districts
- To have the optimal model for data collection, analysis, and use in the districts and VDCs
- Identify difficulties for institutionalization
- Develop a system for recording and updating the natural disasters in the districts
- Estimate time and budget to institutionalize the system in the country





# Problems & Confusions

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- ☞ Use of systematic DIMS and Vulnerability Profiles yet in embryonic stage
  - Disaster and development
  - Disaster and Governance
- ☞ Strong Inertia to limit DIMS for Damage & Relief Assessment, and Sectoral Response only
  - Wide variety of disaster data collection formats
  - Limited use, limited objectives, each considered adequate
  - DIMS/DesInventar considered as yet another system!
  - Compatibility problem
- ☞ Lacking systematic verification, analysis, and use of Data/information
- ☞ No Policy change in past 3 decades: inertia continues



# NEEDS

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- ☞ **Support More International/Regional Experience Sharing**
  - **Conferences involving Authorities + Experts**
  - **Exchange experts between LAC & Asia Pacific Regions**
- ☞ **Support National Efforts**
  - **Technical**
  - **Financial**