CHEMICAL DISASTER RISK REDUCTION MODEL

SPATIAL INFORMATION

- Land use of the area
- Geo-physical/climatic characteristics
- Natural resources' information
- Release scenario, consequences in terms of heat radiation over pressure and toxicities
- Preparations of plot and site plan incorporating the damage contours
- Identification of vulnerable zones
- Identification of important receptors (both environment and physical) in the vulnerable zone and first responders

NON-SPATIAL INFORMATION

- Identification of type disasters
- Classification of events, which have the potential for creating an emergency
- Recording investigation and publication of major disasters
- Requirement of infrastructure from various departments for coping with emergency situations

Experiences of past disasters

Analysis through computer modeling, GIS, inferences

- Review of available resources for risk reduction and
- Public-Private Participation with peoples' consultation

Risk estimation/ quantification and risk acceptability

Disaster Risk Reduction Strategies

Disaster Management Institute, Bhopal

COOPERATION REPUBLIC OF INDIA FEDERAL REPUBLIC OF GERMANY gtz

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Developed under industrial Disaster Risk Management Capactiy Development Programme (www.hrdp-iDRM.in) - 2008/2009