

**PRESENTATION ON ACTIVITIES TO BE TAKEN UP BY
DIFFERENT DEPARTMENTS WITHIN 2-3 YEARS UNDER
BIHAR DRR ROADMAP, 2015-2030**

**in the
Meeting of BSDMA
Dated 25 July, 2017)**

**“Sarkari Khajane Per AAPDA PIDITON KA PEHLA HAK HAI”
(The disaster affected people have the first right on the
State’s Treasury)**

**-----Shri Nitish Kumar, Hon’ble Chief Minister, Bihar
in his inaugural address of the 1st BCDRR held on 13-14 May,
2015 in Patna**

BIHAR DRR ROADMAP: From Sendai to Patna

- 3rd WCDRR held in Sendai, Japan in March, 2015: A 15 year comprehensive SFDRR with 7 global targets and 4 priorities
- In the light of experiences, insights and inspiration from WCDRR, GoB decided to develop a 15-year DRR Roadmap
- 1st BCDRR held in May, 2015: 10 point Patna Declaration, followed by Validation Workshop in January, 2016
- Cabinet approval of the Roadmap received on 28 April, 2016
- Govt Order issued on 10 May, 2016

BIHAR DRR ROADMAPContd

- Resilience lies at the core of the Roadmap: Resilience is the goal that the activities in the roadmap seek to lead Bihar towards a “Resilient Bihar”
- “Resilient Bihar” rests on 5 pillars: Resilient Villages, Resilient Cities, Resilient Livelihoods, Resilient Critical Infrastructure and Resilient Basic Services
- Four Targets from SFDRR in Bihar context to realize the goal of Resilient Bihar by 2030
 - ✓ Reduction of lives lost due to disasters by 75% of baseline
 - ✓ Substantial reduction of lives lost due to transportation related disasters over baseline
 - ✓ Reduction of disaster affected people by 50% of baseline, and
 - ✓ Reduction of economic losses due to disaster by 50% of baseline
- Various Departments/Agencies have been assigned specific tasks under Roadmap

ACTIVITIES TO BE TAKEN UP BY DIFFERENT DEPARTMENTS WITHIN 2-3 YEARS

1. Building Construction Department

- ✓ Ensure that all new constructions of public buildings are green, differently abled-friendly and disaster resistant with water-harvesting facility and universal design
- ✓ RVS/Safety Audit of existing public buildings and Retrofitting of important buildings

2. Water Resources Department

- ✓ Identify and prioritise high flood risk prone villages/cities and develop scenario based inundation maps for planning, preparedness and response
- ✓ Augmentation of irrigation potential in drought prone districts

Activities.....contd

3. Rural Development Department

- ✓ Encourage beneficiaries of Govt housing projects to construct disaster resistant houses
- ✓ Ensure construction and renovation of water conservation and water harvesting structures in drought prone districts under MGNREGA
- ✓ Deepen the public water bodies such as, village ponds and other natural water and drainage systems

4. Panchayati Raj Department

- ✓ Put in place a policy regime to encourage safe house construction/retrofitting in villages
- ✓ Awareness campaign for safe house construction in villages

5. Agriculture Department

- ✓ Promotion of soil and water conservation in drought prone districts
- ✓ Promotion of horticulture activities

Activities.....contd

6 & 7.Road Construction/Rural Works Departments

- ✓ Conduct road safety audit in terms of floods and ensure that all SHs/MDRs/Village Roads constructed henceforth are flood resistant in flood prone districts
- ✓ Ensure that all roads passing through habitations are pedestrian and slow moving vehicle-friendly to prevent accidents

8. Transport Department

- ✓ Ensure boat safety through boat registration and fitness checking of boats and safety equipments
- ✓ Rigorous implementation of Road Safety Roadmap

9. Social Welfare Department

- ✓ Ensure that AWC have sufficient first aid kits and other materials from a multi-hazard point of view
- ✓ Maintain and update list of vulnerable population(children, infirm, old, pregnant and lactating mothers) for taking their proper care during disasters
- ✓ Develop a plan to ensure continuation of the provisions of nutrient materials to MAM/SAM children at the AWCs during disaster situations
- ✓ Develop a contingency plan and ensure running AWCs in Mega Shelter Camps

Activities.....contd

10. Animal and Fisheries Resources Department

- ✓ Establish emergency services and mobile emergency response units in Vet hospitals
- ✓ Develop a State Animal DM Plan and be ready with contingency plans for animal protection during disasters

11. Cooperative Department

- ✓ Augment the coverage of crop insurance and ensure timely processing of insurance claims by the IPs
- ✓ Sensitize cooperative community institutions/groups on disaster risk analysis and measures for risk avoidance, transfer, sharing group activities and claiming compensation

12. Food and Consumer Affairs Department

- ✓ Ensure timely procurement of agriculture produce
- ✓ Augment and create more capacities for storage of agricultural produce
- ✓ Promote adequate stocking of PDS items in FCI/SFC godowns for the flood season in the flood prone districts and ensure distribution of the same to the PDS dealers before the onset of flood season
- ✓ Ensure all new departmental constructions are disaster resistant and deficiencies in the existing facilities are corrected

Activities.....contd

13. Jeevika

- ✓ Develop annual status report on livelihood clusters and measures taken for risk management
- ✓ Document and share good practices/case studies related to resilient livelihoods

14. Environment and Forest Department

- ✓ Undertake tree plantation in flood prone districts
- ✓ Undertake anti-erosion works along embankments/roadside through soil binder/leguminous grasses in consultation with concerned departments

15. Labour Resources Department

- ✓ Undertake/strengthen skilling program of youth and women in market driven trades
- ✓ Ensure preparation of DM plans by establishments/factories as per Factories/DM Act for Industrial safety

Activities.....contd

16. Finance Department

- ✓ Develop menu of products and establish procedures for provision of soft loans, loan waivers/re-scheduling, working capital and capital costs to primary producers, traders and secondary producers so as to rebuild their assets and restart livelihood activities after a disaster event

17. Urban Development Department

- ✓ Enforcement of building by-laws to ensure safe construction of new buildings in urban areas
- ✓ RVS/Safety audit of all commercial buildings in the urban areas and ensuring remedial measures based on the findings
- ✓ Undertake comprehensive analysis of flooding and water logging risks, land use patterns, natural drainage patterns and water/drainage management systems in urban areas and take corrective measures based on the analysis

Activities.....contd

18. Home Department (Fire Services)

- ✓ Develop a fire safety and evacuation plan for public and commercial buildings, especially in health care facilities and schools
- ✓ Procurement and deployment of appropriate fire fighting equipments and fire tenders including protective gears
- ✓ Ensure availability of water supply and other firefighting materials and equipments in all public and commercial buildings

19. Health Department

- ✓ Ensure that all new constructions of the health facilities are green, disabled-friendly and disaster resistant
- ✓ Conduct RVS/Safety audit of health facilities and undertake corrective measures based on the findings
- ✓ Develop DM plans, including SOP for mass casualty mgt, for all existing health facilities and conduct mock drills as per DM plans
- ✓ Constitute and train QMRTs and develop a SOP for their deployment

Activities.....contd

20. PHED

- ✓ Ensure that potable water is available to the affected population during disasters and situations of drinking water crisis
- ✓ Ensure that installation of piped water supply facilities and construction of toilets under “Nischay” programs are disaster resistant, disabled- and senior citizen-friendly
- ✓ Develop DM plans for WASH related facilities

21. Education Department

- ✓ Ensure that all new constructions of the Govt. educational facilities are green, disabled-friendly and disaster resistant
- ✓ Conduct RVS/Safety audit of educational facilities and undertake corrective measures based on the findings
- ✓ Implementation of MSSP with technical support of BSDMA

Activities.....contd

22. IPRD

- ✓ Public awareness campaigns for prevention/mitigation of disasters in collaboration with DMD/BSDMA and other departments

23. IT Department

- ✓ Develop and implement a contingency plan for the resilience of telecom and IT sector in the State

24. Energy Department

- ✓ Develop a resilient Index and ensure the resilience of all power infrastructure, new and existing in accordance with that index
- ✓ Make it mandatory to carry out a Risk Impact Analysis of a proposed installation/ construction before execution in flood prone and seismic zone V /III districts
- ✓ Develop power supply continuity plan during disasters and conduct mock drills for preparedness
- ✓ Awareness generation regarding risks associated with high-tension power lines and taking corrective measures to prevent snapping thereof

Activities.....contd

25. Minor WRD

- ✓ Make tube wells functional in drought prone districts
- ✓ Undertake renovation of Ahar-Pyne system in drought prone districts for water conservation/ recharge and irrigation

26. DMD

- ✓ Compilation of baseline data on mortality/economic losses/population affected by various disasters
- ✓ Establishing RISU with full time technical experts and staff
- ✓ Establishment of SIDM
- ✓ Updation /formulation of SOPs for different disasters
- ✓ Community awareness through mock drills
- ✓ Strengthening of SEOCs and operationalisation of DEOCs
- ✓ Strengthening of Early Warning System with a view to ensure last mile connectivity
- ✓ Providing support to various Govt. Departments/agencies for implementation of Roadmap

Activities.....contd

- ✓ **27. BSDMA/DDMAs**
- ✓ **(a) DDMAs**
- ✓ Preparation of DDMPs with the technical support of BSDMA and obtain approval thereof as per DM Act
- ✓ Preparation of VDMPs in a pilot basis with the technical support of BSDMA
- ✓ **(b) BSDMA**
- ✓ Undertake review of SDMP and coordinate its implementation
- ✓ Implement MSSP in collaboration with Education Department
- ✓ Training of Engineers/Architects/Contractors/Masons (26,000) in Earthquake resistant construction technology
- ✓ Public awareness and education campaigns for prevention/mitigation of various disasters
- ✓ Undertake study on the impact of climate change on agriculture and allied sectors (including land and water management) and the requisite adaptive measures to be taken

Activities.....contd

BSDMA...Contd

- ✓ Develop City Disaster Management Plans for cities of Patna, Muzaffarpur, Bhagalpur, Gaya and Biharsharif
- ✓ Develop ODMP of the headquarter offices of all departments and develop guidelines for preparation of ODMPs of their attached and subordinate offices
- ✓ Conduct mock drills in health facilities, Govt offices, commercial buildings and big apartments in collaboration with DMD/Fire Services/ULBs/DDMAs /NDRF/SDRF and other concerned departments
- ✓ Provide technical support to various departments/agencies in the implementation of the DRR Roadmap

Activities.....contd

28. Industries Department

- Develop a resilience index and/or quality standards pertaining to hazardous industries
- Encourage industries to develop Infrastructure continuity plan for ensuring backup and regaining functionality of the infrastructure

29. BIPARD

- Build the capacities of civil society organizations and other community based institutions on Farm Field Schools, Context specific cropping packages, risk analysis and livelihood basket diversification
- Capacity building of GPs and ULBs in assessment of livelihood opportunities, implementation and monitoring of livelihood assessments and compensation provisions

30. Revenue and Land Reforms Department

- Make all public water bodies including rivers and natural drainage systems encroachment free and do not settle such bodies to any person/department

Thanks