

**GOVERNMENT OF INDIA  
WATER RESOURCES  
LOK SABHA**

STARRED QUESTION NO:509

ANSWERED ON:08.09.2011

COASTAL EROSION

Hansrajbhai Shri Radadiya Vitthalbhai ;Vasava Shri Mansukhbhai D.

**Will the Minister of WATER RESOURCES be pleased to state:**

- (a) whether the Government has finalised the National Coastal Protection Project (NCP) to contain the problem of sea erosion;
- (b) if so, the details thereof;
- (c) whether assistance under the Flood Management Programme (FMP) is also provided to the States to combat the problem of sea erosion;
- (d) if so, the details thereof; and
- (e) the details of the works proposed to be undertaken under NCP and FMP to contain the sea-erosion, State-wise?

**Answer**

THE MINISTER IN THE MINISTRY OF PARLIAMENTARY AFFAIRS AND WATER RESOURCES ( SHRI PAWAN KUMAR BANSAL)

(a) to (e) A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) to (e) OF STARRED QUESTION NO. 509 TO BE ANSWERED IN LOK SABHA ON 08.09.2011 REGARDING "COASTAL EROSION" RAISED BY SHRI MANSUKH BHAI D. VASAVA and SHRI VITTHALBHAI HANSRAJBHAI RADADIYA

(a) to (b) Ministry of Water Resources, realizing the severity of sea-erosion problems in certain reaches of the coastline, has initiated the process of collecting details of severely affected reaches with a view to exploring the possibility of preparing a National Coastal Protection Project (NCP) for taking up the same for external assistance.

After discussion between Government of India and Asian Development Bank (ADB), a Project Preparatory Technical Assistance (PPTA) programme-1 for preparing a "Sustainable Coastal Protection and Management Project" for the states of Maharashtra, Karnataka & Goa was taken up. It was financed by an ADB grant of US\$ 1 million equivalent and was carried out by ADB appointed consultants. The Technical Assistance broadly supports NCP. PPTA final report was completed in May, 2009. Under PPTA, an investment programme of about US\$ 404.6 million has been prepared. Out of the total estimated cost of US\$ 404.6 million, US\$ 250 million will be ADB assistance, US\$ 119.8 million will be financed by the State Governments of Maharashtra (US\$ 51.196 million), Karnataka (US\$ 54.941 million) & Goa (US\$ 13.693 million) and the rest of US\$ 34.8 million will be the share of private sector. The project does not have any funding from the Union Government.

The project has been planned to be implemented in three phases. Phase 1 of the project includes 4 Sub-Projects, namely,

- (i) Ullal Coastal Erosion and Intel Improvement Project, Karnataka,
- (ii) Mirya Bay, Coastal Erosion and Protection Project, Maharashtra,
- (iii) Colva Beach Management Project, Goa and
- (iv) Coco Beach Restoration Project, Goa. The aforesaid sub-projects of Karnataka and Maharashtra have been accepted by Advisory Committee on Irrigation, Flood Control and Multipurpose Projects in its 110th Meeting held on 20.07.2011. The loan agreement for an amount of US\$ 51,555,000 (US\$ 41,020,000 for Karnataka and US\$ 10,535,000 for Maharashtra) has been signed on 17.08.2011.

(c) Yes, Sir.

(d) During XI Plan, one anti-sea erosion scheme, namely, "Providing coastal protection/ sea wall to combat erosion from Sangam Narayan temple to Gayatri temple at Taluka, Dwarka in district Jamnagar" with an estimated cost of Rs. 794.31 lakh has been taken up by the State Government of Gujarat with central assistance under Flood

Management Programme (FMP) for which Rs. 2.00 crore was released to the state government of Gujarat by Ministry of Finance in January 2011.

In addition, central assistance amounting to Rs. 3.80 Crore and Rs. 0.85 Crore has been released to the state government of Karnataka and Orissa respectively during XI plan under FMP towards the spilled over works of X plan scheme namely "Critical anti

erosion works in coastal and other than Ganga basin States".

(e) Following Anti Sea Erosion Schemes have been received in Central Water Commission for techno-economic appraisal and consideration under FMP from the State Government of Gujarat and Kerala:

#### I Gujarat

- (i) Anti Sea Erosion Works in villages Dabhari, Neshkaranj and Dandi in District Surat (Estimated Cost: Rs. 1185.00 lakh)
- (ii) Anti-sea erosion work at Village Fansa and Maroli, Taluka Umargam, District Valsad (Estimated Cost: Rs. 1305.00 lakh)
- (iii) Protection against erosion of Sea Coast at Village Dumas, Taluka Choryasi District Surat (Estimated Cost: Rs 2045.44 lakh)
- (iv) Anti Sea erosion work at Village Samapore (Dandi), Taluka Jalalpore, District Navsari (Estimated Cost: Rs 1600.19 lakh)
- (v) Providing coastal protection/sea wall to combat erosion at Bhavani temple Taluka: Mahuva Dist Bhavnagar (Estimated Cost: Rs. 323.87 lakh)
- (vi) Providing coastal protection/sea wall to combat erosion at Gopanath temple Taluka: Talaja Dist Bhavnagar (Estimated Cost: Rs. 758.44 lakh)

#### II Kerala

- (i) Construction of 8 Nos groynes at Panatharakkara, Thiruvananthapuram (Estimated Cost: Rs.25.38 crore)