

GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES,
RIVER DEVELOPMENT AND GANGA REJUVENATION
RAJYA SABHA
STARRED QUESTION NO. *146
ANSWERED ON 03.08.2015

INTEGRATED GANGA CONSERVATION PROGRAMME

*146. SHRI RAVI PRAKASH VERMA

Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

- (a) whether Government has approved the Integrated Ganga Conservation Programme—Namami Gange;
- (b) if so, the details and the salient features thereof along with likely cost on implementation of the programme;
- (c) the details of projects under the programme, so far, approved and expenditure likely to be incurred thereon, project-wise and details of funds, so far, released to such projects;
- (d) whether Government has also established Clean Ganga Fund; and
- (e) if so, the details thereof along with details of contributions, so far, received under the said fund and the steps taken by Government to bring awareness about the said fund?

ANSWER

THE MINISTER OF WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION
(SUSHRI UMA BHARTI)

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

STATEMENT REFERRED TO IN REPLY TO PARTS (a) to (e) OF RAJYA SABHA STARRED QUESTION NO. *146 TO BE ANSWERED ON MONDAY, THE 3RD AUGUST, 2015 ON 'INTEGRATED GANGA CONSERVATION PROGRAMME' RAISED BY SHRI RAVI PRAKASH VERMA.

(a) Yes, Sir. The Cabinet approved the Namami Gange program on 13th May, 2015 as a comprehensive approach to rejuvenate the river Ganga by inclusion of all tributaries under one umbrella. The program envisages 100% central government funding.

(b) Details and salient features of Namami Gangeis given in **Annexure I**. The budget estimated for the the programme is Rs. 20,000 crore for 5 years (2015-20).

(c) The details of projects approved (as on 30th July 2015) under the Namami Gange programme is given in **Annexure-II**.

An amount of Rs. 2750 crore has been allotted for FY 2015-2016 which includes Rs. 100 crore for Ghat Works. The expenditure incurred during FY 2015-16 (till 22.07.2015) is Rs. 85.34 crore. In addition, a letter of authority for Rs. 263 crore has been issued in favour of Ministry of Drinking Water and Sanitation under Swatch Bharat Mission (Grameen) during FY 2015-16. The expenditures (in Rs. Crore) during 2014-15 is 326.00 respectively.

(d) Yes Sir. The Government has established "Clean Ganga Fund" for harnessing the enthusiasm of those who are concerned about the rejuvenation of river Ganga.

(e) The total contributions received till 15th July 2015 is Rs. 64.57 Crore. For creating awareness about the fund among resident Indians and Non-Resident Indians, a dedicated website has been created - www.cleangangafund.com. Suitable brochures have been developed and distributed in the functions organized/participated by NMCG. Brochures have also been sent to Indian Missions abroad, particularly in USA, Australia, Fiji Islands, United Kingdom etc. for distribution among the NRIs/PIOs attending various events organized by these Missions. The fund was presented in the Pravasi Bharatiya Divas held on 17-18th October 2014 in London and 7-9th of January 2015 & subsequent Vibrant Gujarat event from 11-13th of January 2015 at Gandhinagar, Gujarat. At national level, about 180 Public Sector Units (PSUs) have been contacted for the purpose of encouraging contribution from CSR funds. Many corporates both from public sector and private sector have contributed to the fund.

**Annexure referred to in reply to Part (b) of Starred Question No. 146 due for answer on 03.08.2015 in Rajya Sabha regarding
“INTEGRATED GANGA CONSERVATION PROGRAMME.”**

Annexure-I

Indicative Budgetary Outlay & Allocation

Component 'A' : Existing Programmes

Rs. In crore

| Sl. No. | Nature of project | Total Sanction cost | Cost sharing pattern (Gol:State) | Gol Funds released | Remaining Gol liability* | Expenditure 2014-16 | Expenditure 2016-17 | Expenditure 2017 - Dec' 2020 |
|-----------------------------------|--|---------------------|--|-------------------------|--------------------------|---------------------|---------------------|------------------------------|
| <i>I. Ongoing works (Non EAP)</i> | | | | | | | | |
| a | Sewerage infrastructure projects (Ganga) | 1293.63 | 70:30 | 530.99 | 571.49 | 228.60 | 171.45 | 171.45 |
| b | Non Sewerage (including institutional) projects | 266.44 | Infrastructure projects – 70:30; Institutional projects – 100% Gol | (total a & b) | (total a & b) | | | |
| c | R&D Projects | 20.89 | 100% Gol | 16.43 | 4.46 | 1.78 | 1.34 | 1.34 |
| d | Sewerage infrastructure projects under Ganga Action Plan-II | 591.05 | 100% Gol till 2001& for old schemes 70:30 after 2001(for New schemes) | 522.11 | 68.94 | 27.58 | 20.68 | 20.68 |
| e | Sewerage infrastructure projects under Yamuna Action Plan-II | 679.88 | 85:15 | 426.32 | 151.58 | 60.63 | 45.47 | 45.47 |
| f | Sewerage infrastructure projects in Haryana on Yamuna | 217.87 | 70:30 | 38.2 | 114.31 | 45.72 | 34.29 | 34.29 |
| g | Sewerage infrastructure projects(other tributaries) | 378.07 | 70:30 | 228.2 | 36.45 | 14.58 | 10.94 | 10.94 |
| <i>II. Ongoing Works (EAP)</i> | | | | | | | | |
| a | World Bank Assisted Ganga River Basin Project | | | 495.92 | 4604.08 | 690.61 | 920.82 | 2992.65 |
| | Institutional Development | 600 | 100% Gol | (total EAP- World Bank) | (total EAP- World Bank)) | | | |
| | Infrastructure investments | 6100 | 70:30 | | | | | |
| | Project Implementation Support | 300 | 100% Gol | | | | | |
| b | JICA Assisted GAP-II Project at Varanasi | 496.9 | 85:15 | | | 110 | 317.73 | 95.319 |
| c | JICA Assisted YAP-III Project at Delhi | 1656 | 85:15 | 5 | 1402.6 | 140.26 | 280.52 | 981.82 |
| | Total (Component 'A' : Existing Programmes) | 12600.73 | | 2373.17 | 7271.64 | 1305.08 | 1580.82 | 4385.73 |
| | Say | 12601 | | | 7272 | | | |

* GOI liability indicated is based on GOI fund releases till 31/12/2014

Component 'B': New Initiatives

| Objective | Programme | Sector | Activities | Est. Budget | Cost Sharing Pattern | GOI Share | Expenditure 2015-16 | Expenditure 2016-17 | Expenditure 2017-Dec'20 | | |
|--------------|----------------------------|------------------------|--|-------------|--|-----------|---------------------|---------------------|-------------------------|-----|------|
| Nirmal Ganga | Infrastructure Development | Sewerage & Sanitation | <i>Rehabilitation and up-gradation of existing sewage treatment plants (STPs) along Ganga.</i> | 8000 | 100:00 | 8000 | 1280 | 1200 | 5520 | | |
| | | | <i>Pollution mitigation in open drains through "In situ treatment" etc. and other innovative methods</i> | | | | | | | | |
| | | | <i>Providing interception & diversion structures, STPs & identified essential associated interventions / infrastructure critical for maintaining water quality standards of Ganga & its tributaries in identified locations.</i> | | | | | | | | |
| | | | | | <i>Rural Sanitation schemes contemplated for improving sanitation and civic amenities in identified villages on the banks of river Ganga and to develop them as Ganga Grams to arrest the flow of pollution into the river and supplementing the programme of Ministry of Drinking Water and Sanitation in 1649 number of Gram Panchayats located on banks of river Ganga (MoDW&S/MoWR, RD & GR)</i> | 1750 | - | 1750 | 263 | 315 | 1172 |
| | | River Front Management | <i>River Front Management and Ghat's developments in selected cities and towns including public amenities, etc</i> | 250 | 100:00 | 250 | 25 | 45 | 180 | | |
| | | Industrial Pollution | <i>Industrial pollution abatement in major industrial clusters</i> | 1000 | 100:00 | 1000 | 120 | 140 | 740 | | |
| | | Solid Waste Management | <i>Essential Solid Waste Management projects for towns / Ghats</i> | 50 | 100:00 | 50 | 5 | 7 | 38 | | |
| Aviral Ganga | Infrastructure Investments | | <i>Misc. interventions aiming at improving flow & water availability</i> | 100 | 100:00 | 100 | 5 | 10 | 85 | | |
| | | | <i>Interventions emerging from final report of consortium of IITs & GRBMP recommendations</i> | | | | | | | | |

| Objective | Programme | Sector | Activities | Est. Budget | Cost Sharing Pattern | GOI Share | Expenditure 2015-16 | Expenditure 2016-17 | Expenditure 2017-Dec'20 |
|----------------------------------|--|---|---|-------------|----------------------|-----------|---------------------|---------------------|-------------------------|
| Program Support & Sustainability | Institutional Development | | <i>Institutional Development(augmentation of project implementation capacities on ground, capacity building, setting up of monitoring centres and Institutions)</i> | 250 | 100:00 | 250 | 40 | 40 | 170 |
| | | | <i>National Ganga Monitoring Centre</i> | | | | | | |
| | | | <i>Support for preparation of Detailed Project Reports (DPRs) to keep a shelf of projects ready</i> | | | | | | |
| | | | <i>Capacity building of urban local bodies</i> | | | | | | |
| | Research & Development | | <i>Research, studies, pilots and training, workshops, seminars, publication etc.</i> | 500 | 100:00 | 500 | 50 | 50 | 400 |
| | | | <i>Model interventions for non-point pollution mitigation, agricultural runoff etc.</i> | | | | | | |
| | | | <i>GIS based data, mapping, spatial analysis for Ganga basin and related applications</i> | | | | | | |
| | | | <i>Assessment of Special Properties of Ganga Water</i> | | | | | | |
| | | | <i>Study of communities depending on Ganga for their traditional livelihood</i> | | | | | | |
| | | | <i>Special guidelines for sand mining in Ganga</i> | | | | | | |
| | <i>Study of possible diversion of a portion of river Bhagirathi at a suitable location</i> | | | | | | | | |
| | Ecological Sustainability | Habitat Improvement activities in Ganga Basin | <i>Action Plan for public amenities in rural / urban centres on the banks of river Ganga & its tributaries.</i> | 150 | 100:00 | 150 | 30 | 30 | 90 |
| | | | <i>Safe disposal of flowers and other puja material, improved methods of last rites on river banks</i> | | | | | | |
| Bio Diversity Conservation | | <i>Conservation of Aquatic life – special attention on Dolphin, Turtles and Ghariyals</i> | 150 | 100:00 | 150 | 24 | 24 | 102 | |
| | | <i>Afforestation – Conservation of Flora</i> | | | | | | | |
| | | <i>Conservation of wetlands</i> | | | | | | | |

| Objective | Programme | Sector | Activities | Est. Budget | Cost Sharing Pattern | GOI Share | Expenditure 2015-16 | Expenditure 2016-17 | Expenditure 2017-Dec'20 |
|---|--|--------------------|--|--------------|----------------------|--------------|---------------------|---------------------|-------------------------|
| | | | <i>Other measures for ensuring habitat improvement & bio-diversity conservation</i> | | | | | | |
| Public Participation | Communication & public outreach activities | Awareness Creation | <i>Media and Communication & public outreach activities and strengthening Public Participation in Ganga Rejuvenation and Public Awareness.</i> | 100 | 100:00 | 100 | 15 | 15 | 70 |
| | | | <i>Ganga Task Force / Ganga Vahini</i> | 400 | 100:00 | 400 | 40 | 40 | 320 |
| | | Dissemination | <i>National & International Workshops, Seminar, Symposia, etc.</i> | 28 | 100:00 | 28 | 3 | 3 | 22 |
| | | | <i>National Awards, fellowship programmes</i> | | | | | | |
| | | | <i>Other measures for strengthening public outreach, participation & communication</i> | | | | | | |
| <i>Any other activity, which flows from the objectives</i> | | | | | | | | | |
| Total (Component 'B' : New Initiatives) | | | | 12728 | | 12728 | 1900 | 1919 | 8909 |
| Gross Total (GOI Liability of Existing Schemes + New Initiatives)- NamamiGange | | | | 20000 | | 20000 | 3205 | 3500 | 13295 |

- *The above allocation between components & sub-components and year-wise phasing of expenditure is indicative and further re-allocations/re-phasing can be made by the NGRBA for optimum utilization of funds and achievement of programme objectives to be in consonance with pace of implementation & expenditure.*

**Annexure referred to in reply to Part (c) of Starred Question No. 146 due for answer on 03.08.2015 in Rajya Sabha regarding
“INTEGRATED GANGA CONSERVATION PROGRAMME.”**

Annexure-II

| Details of approved projects under Namami Gange Programme (As on 30th July , 2015) | | | | | | | | | |
|--|--|----------------|---------------|------------------------|-------------------------------------|---|-------------------------------|----------------------------------|-------------------------|
| Rs. in crores | | | | | | | | | |
| Sl. No. | State / Organisation | Capital Cost | O&M Cost | Total sanctioned costs | STP capacity to be created (in mld) | Creation of capacity through rehabilitation of old STP (in mld) | STP capacity created (in mld) | Sewer network to be laid (in Km) | Sewer network laid (Km) |
| <u>Investment Projects (Ganga & Yamuna)</u> | | | | | | | | | |
| 1 | Uttarakhand (16 projects in 11 towns) | 201.55 | 49.66 | 251.21 | 38.80 | | 18.00 | 146.44 | 59.46 |
| 2 | Uttar Pradesh (15 projects in 8 towns) | 1898.01 | 92.14 | 2256.01 | 335.90 | | 105.00 | 1255.68 | 361.00 |
| 3 | Bihar (12 projects in 5 towns) | 1625.89 | 78.94 | 2155.62 | 218.00 | 64.00 | | 1014.83 | 125.95 |
| 4 | Jharkhand (1 project in 1 town) | 89.36 | 10.00 | 99.36 | 12.00 | | | 55.00 | 0.00 |
| 5 | West Bengal (30 projects in 24 towns) | 1206.36 | 146.15 | 1352.51 | 93.53 | | | 842.72 | 58.30 |
| | Sub Total (Ganga) | 5021.17 | 376.89 | 6114.71 | 698.23 | 64.00 | 123.00 | 3314.67 | 604.71 |
| 6 | Haryana (2 Projects in 2 towns) | 217.87 | 0.00 | 217.87 | 70.00 | 75.00 | | 40.96 | 25.62 |
| 7 | Delhi (1 project in 11 towns) | 1655.91 | 0.00 | 1655.91 | | 950.00 | | 42.92 | |
| | Sub Total (Yamuna) | 1873.78 | 0.00 | 1873.78 | 70.00 | 1025.00 | | 83.88 | 25.62 |

| Details of approved projects under Namami Gange Programme (As on 30 th July, 2105) | | | | | | | | | |
|---|--|--------------|----------|------------------------|-----------------------------------|---|-------------------------------|----------------------------------|----------------------------|
| S.No. | State/ Organization | Capital Cost | O&M Cost | Total sanctioned costs | STP capacity to be created in mld | Creation of capacity through rehabilitation of old STP (in mld) | STP capacity created (in mld) | Sewer network to be laid (in km) | Sewer network laid (in km) |
| 8 | Central Pollution Control Board (CPCB) 3 projects | | | 198.48 | | | | | |
| 9 | Ganga Knowledge Centre (GKC) 2 Projects | | | 48.54 | | | | | |
| | Sub Total | | | 247.02 | | | | | |
| <u>Project Implementation Support/Research & Study Project</u> | | | | | | | | | |
| 10 | Educating Schools and Communities for conserving habitat of Ganga River Dolphin (100% central share) | | | 1.28 | | | | | |
| 11 | Preparation of DPR of "Forestry intervention for Ganga" (Non-EAP) | | | 0.96 | | | | | |
| 12 | A programme to conserve Ganga River Dolphin in Ganga and its tributaries in Uttar Pradesh, India Phase-1: Annual Dolphin Census & Threat Assessment | | | 0.73 | | | | | |
| | | | | 2.42 | | 8708.52 | | | |

| | | | | | | | | | |
|----|---|----------------|---------------|----------------|---------------|----------------|---------------|----------------|---------------|
| | (EAP) Phase-2: Rolling out Dolphin Conservation in UP (EAP) | | | | | | | | |
| 13 | Assessment of Water Quality and Sediment Analysis to understand the special property of river Ganga (Non- EAP) | | | 5.00 | | | | | |
| 14 | Assessment of fish and fisheries of the Ganga river system for developing suitable conservation and restoration plan (Non-EAP) | | | 5.80 | | | | | |
| 15 | “Revival activities for Gharial and Turtle Breeding programmes and for strengthening the protection mechanism of the biodiversity of Ganga” (Non-EAP) | | | 3.26 | | | | | |
| | Sub Total | | | 19.45 | | | | | |
| | TOTAL | 6894.95 | 376.89 | 8254.96 | 768.23 | 1089.00 | 123.00 | 3398.55 | 630.33 |