GOVERNMENT OF INDIA
MINISTRY OF RURAL DEVELOPMENT
DEPARTMENT OF RURAL DEVELOPMENT

**LOK  SABHA**
**UNSTARRED QUESTION NO. 3290**
ANSWERED ON 21/03/2023

**GIS DATA FOR PMGSY**

3290.  SHRI OMPRAKASH BHUPALSINH ALIAS PAWAN RAJENIMBALKAR:
DR. CHANDRA SEN JADON:
SHRI SANJAY JADHAV:
SHRIMATI KESHARI DEVI PATEL:
SHRI VINAYAK RAUT:
DR. SANGHMITRA MAURYA:

Will the Minister of RURAL DEVELOPMENT be pleased to state:

(a)     whether the Government has released the Geographic Information System (GIS) data developed for the Pradhan Mantri Gram Sadak Yojana (PMGSY) for general public meant for rural connectivity;

(b)     if so, the manner in which the rural infrastructure GIS data will help to bridge the gap between the urban and rural India and make India self-reliant;

(c)     whether the PMGSY has played an important role in the development of India;

(d)     if so, the details thereof including Odisha, Uttar Pradesh and Maharashtra, State-wise;

(e)     whether the Government has conducted any study in this regard and if so, the outcomes thereof;

(f)     whether the new roads sanctioned under PMGSY-III are being constructed by using new/green technology in the country; and

(g)     if so, the details thereof including the feasibility and the extent to which the new/green technology roads are better as compared to the conventional roads in rural areas of the country?

**ANSWER**
MINISTER OF STATE IN THE MINISTRY OF RURAL DEVELOPMENT
(SADHVI NIRANJAN JYOTI)

(a) & (b) The Ministry of Rural Development has released Geographic Information System (GIS) data developed for the Pradhan Mantri Gram Sadak Yojana (PMGSY) scheme in public domain. Under PMGSY-III, more than 7.70 lakh rural facilities such as medical, educational and markets have been geo-tagged. Details of rural roads are available in public domain at https://geosadak-pmgsy.nic.in/opendata. The GIS data created under PMGSY National GIS guideline is not just of rural areas, but serves as a holistic national geo-spatial dataset including urban areas, National Highways, State Highways and Railway tracks, etc. GeoSadak has been developed utilizing fully indigenous GIS data layers and satellite data services.

The details of roads in the district rural roads plan are visible through GIS visualization tool at http://pmgsy-grris.nic.in.

(c) to (e) Yes Sir.  Pradhan Mantri Gram Sadak Yojna (PMGSY) was launched as a one-time special intervention to provide rural connectivity, by way of a single all-weather road, to the eligible unconnected habitations in the core network for uplifting the socio-economic condition of the rural population. Since inception till date (15.03.2023), a total of 8,06,681

km road length (1,85,667 roads & 10,549 bridges) has been sanctioned under various verticals of the PMGSY, out of which 7,29,221 km road length has already been completed (1,74,423 roads & 7,912 bridges). The State-wise details including Odisha, Uttar Pradesh and Maharashtra states are given at Annexure.

Various impact assessment studies that have been carried out by Independent Agencies have concluded that PMGSY has helped in better access of marketplace for the rural masses and generated employment in various forms. It has also helped in improving socio-economic condition of people living around the area. Thus, it has helped in removing poverty and unemployment. The scheme has impacted agriculture, health, education, urbanization and employment generation in a big way.

(f) & (g)    Yes, Sir. 99,319 km of road length have been sanctioned so far under PMGSY – III,  out of which 64,331 km of road length has been sanctioned using new/ green technology. Out of which 64,331 km road length, 18,983 km road length has been completed. New / Green technology economizes construction cost of road as well as facilitates effective disposal of different industrial and municipal waste along with conserving use of virgin mining materials. It also enhances the execution capacities and reduces the construction period in road and bridge works.

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**Annexure**

**Annexure referred to in reply to point (c to e) of Lok Sabha Unstarred Question No. 3290 for reply on 21.03.2023**

**State-wise details of roads and bridges sanctioned and constructed under various verticals of PMGSY as on 15.03.2023**

| Sl. No. | State/UT Name | Sanctioned | | | Completed | | |
|---|---|---|---|---|---|---|---|
| | | No. of Roads | Road Length (in km) | Bridges | No. of Roads | Road Length (in km) | Bridges |
| 1. | A & N Islands | 115 | 199.95 | 0 | 25 | 56.67 | 0 |
| 2. | Andhra Pradesh | 5,104 | 18,965.61 | 303 | 4,923 | 17,042.45 | 265 |
| 3. | Arunachal Pradesh | 1,388 | 14,383.97 | 237 | 1,267 | 13,212.13 | 173 |
| 4. | Assam | 9,199 | 32,420.35 | 1,454 | 8,779 | 30,992.45 | 1324 |
| 5. | Bihar | 18,775 | 65,575.84 | 1,592 | 17,756 | 5,7195.96 | 1245 |
| 6. | Chhattisgarh | 8,924 | 45,611.92 | 546 | 8,405 | 42,120.23 | 368 |
| 7. | Goa | 70 | 155.85 | 0 | 70 | 155.33 | 0 |
| 8. | Gujarat | 4,826 | 15,731.00 | 88 | 4,692 | 14,562.95 | 88 |
| 9. | Haryana | 773 | 8,110.67 | 18 | 702 | 7,547.92 | 18 |
| 10. | Himachal Pradesh | 3,623 | 22,294.68 | 104 | 3,377 | 20,736.59 | 94 |
| 11. | Jammu And Kashmir | 3,370 | 20,325.75 | 239 | 2,765 | 17,782.34 | 184 |
| 12. | Jharkhand | 8,149 | 33,682.22 | 855 | 7,428 | 28,102.69 | 542 |
| 13. | Karnataka | 4,417 | 24,208.40 | 163 | 4,088 | 22,963.65 | 110 |
| 14. | Kerala | 1,666 | 4,577.49 | 4 | 1,502 | 3,880.69 | 2 |
| 15. | Ladakh | 141 | 1,203.45 | 3 | 126 | 1,029.70 | 3 |
| 16. | Madhya Pradesh | 20,438 | 93,640.30 | 1,555 | 19,905 | 87,987.86 | 1065 |
| 17. | **Maharashtra** | **6,883** | **33,498.95** | **905** | **6,003** | **27,484.87** | **847** |
| 18. | Manipur | 1,913 | 11,672.94 | 211 | 1,704 | 10,598.09 | 124 |
| 19. | Meghalaya | 1,174 | 4,755.19 | 112 | 988 | 4,146.72 | 71 |
| 20. | Mizoram | 351 | 4,482.73 | 0 | 297 | 4,247.53 | 0 |
| 21. | Nagaland | 356 | 4,382.05 | 53 | 323 | 4,174.81 | 45 |
| 22. | **Odisha** | **17,922** | **74,723.73** | **706** | **16,868** | **67,311.87** | **539** |
| 23. | Pondicherry | 45 | 106.13 | 0 | 0 | 35.83 | 0 |
| 24. | Punjab | 1,379 | 10,364.03 | 23 | 1,209 | 8,901.60 | 7 |
| 25. | Rajasthan | 18,085 | 77,732.00 | 73 | 17,773 | 72,823.82 | 34 |
| 26. | Sikkim | 995 | 4,915.49 | 99 | 897 | 4,602.06 | 52 |
| 27. | Tamil Nadu | 9,692 | 23,708.49 | 186 | 9,397 | 22,285.09 | 131 |
| 28. | Telangana | 3,540 | 14,555.47 | 513 | 3,091 | 12,126.70 | 313 |
| 29. | Tripura | 1,435 | 5,470.16 | 64 | 1,335 | 4,809.55 | 52 |
| 30. | **Uttar Pradesh** | **21,072** | **77,050.13** | **17** | **19,417** | **64,644.43** | **9** |
| 31. | Uttarakhand | 2,410 | 20,277.28 | 368 | 2,130 | 19,208.15 | 167 |
| 32. | West Bengal | 7,437 | 37,899.05 | 58 | 7,181 | 36,450.33 | 40 |
| | **Total** | **185,667** | **8,06,681.27** | **10,549** | **174,423** | **7,29,221.07** | **7912** |