

Pre Proposal round: Submission of 'New Idea'

State Wise Sanitation Facilities Available in India

Vision: All information regarding sanitation data state wise in India is available in easily accessible forms catering to the needs of different end users

Mission: To make information regarding sanitation facilities readily and freely available in India to all through a tool irrespective of language, literacy, location, asset ownership or any other barriers

Problem Statement: Inadequate sanitation is a major cause of disease in India and improving sanitation is known to have a significant beneficial impact on health both in households and across communities. Sanitation facilities available in India need to be monitored state-wise so as to tackle the growing needs to improve quality of life in both urban and rural areas of India. There is also a need to know the closest sanitation facilities available in an area in India

Solution and Benefits: The data sets available with the Data Portal India and contributed by Ministry of Drinking Water and Sanitation can be used to build a GIS based map of sanitation facilities in India. This will help to give an idea state wise the need of developing more sanitation facilities in a particular area in India. Since we know sanitation is surely a 'way of life' and access to such facilities definitely has an impact on the quality of human life and health as well as the incidence and the spread of the diseases. By having the data available, Indian Government can focus and launch various programmes in the affected areas and spread awareness among the people. Based on this Infographics can be designed representing graphic visual representations of information, data or knowledge intended to present complex information quickly and clearly.

References:

- <http://data.gov.in/dataset/percentage-households-no-latrine-facilities-rural-india-2011>
- <http://data.gov.in/dataset/access-household-amenities-worst-performing-states-terms-toilet-facilities-rural-india-2011->