

Ministry of Jal Shakti
Department of Drinking Water and Sanitation

Inviting R&D proposals for potable drinking water and sanitation in rural areas

Government of India in partnerships with States has launched Jal Jeevan Mission (JJM) and Swachha Bharat Mission (SBM-Grameen) with objectives of i.) providing Functional Household Tap Connection (FHTC) to every rural household by 2024, and ii.) Open Defecation Free (ODF) sustainability & Solid and Liquid Waste Management (SLWM), respectively. To achieve these goals with 'scale and speed', high-end R&D proposals are solicited for funding. Following are the indicative thrust areas for funding :

- i.) Drinking water treatment technologies to supply potable water in quality-affected areas;
- ii.) Long-term potable water supply in harsh edapho-climatic conditions and disaster-prone areas;
- iii.) Monitoring the service delivery of water supply system using smart technologies;
- iv.) Action research on behavior change, social aspects and governance in rural water supply and sanitation; and
- v.) Solid and Liquid Waste Management (plastic waste, bio-degradable solid waste, grey water and fecal sludge) in rural areas.

The proposals would be appraised by the 'Technical Committee for examination of innovation and technologies in drinking water and sanitation sector' chaired by Principal Scientific Adviser to Government of India. Interested individuals/ scientific, academic, and R&D institutions are requested to send their proposals. For any queries and sending the proposals, please write to rnd-ddws@gov.in .