



Technology and Development Solutions Cell (TDSC)

Centre for Technology Alternatives for Rural Areas
Indian Institute of Technology Bombay



Started in 2013, with a seed grant from IITB Alumni 1987

Engagement with development problems of the bottom 80% and providing services and resources for technology based solutions.

Platform for graduating engineers to explore their role in the development sector.

Primary engagement with all stakeholders in the development sector, including government departments, academic institutions, NGOs and CSR entities.

Thematic Areas

Drinking water systems
Watershed analysis and Design
Rural infrastructure
Energy systems and solutions
Livelihoods and enterprises
Solid-Liquid waste management

Services

Needs-assessment and feasibility analysis
Technical designing and design verification
Execution support to pilot projects
Training and outreach activities
Advisory and advocacy

TDSC

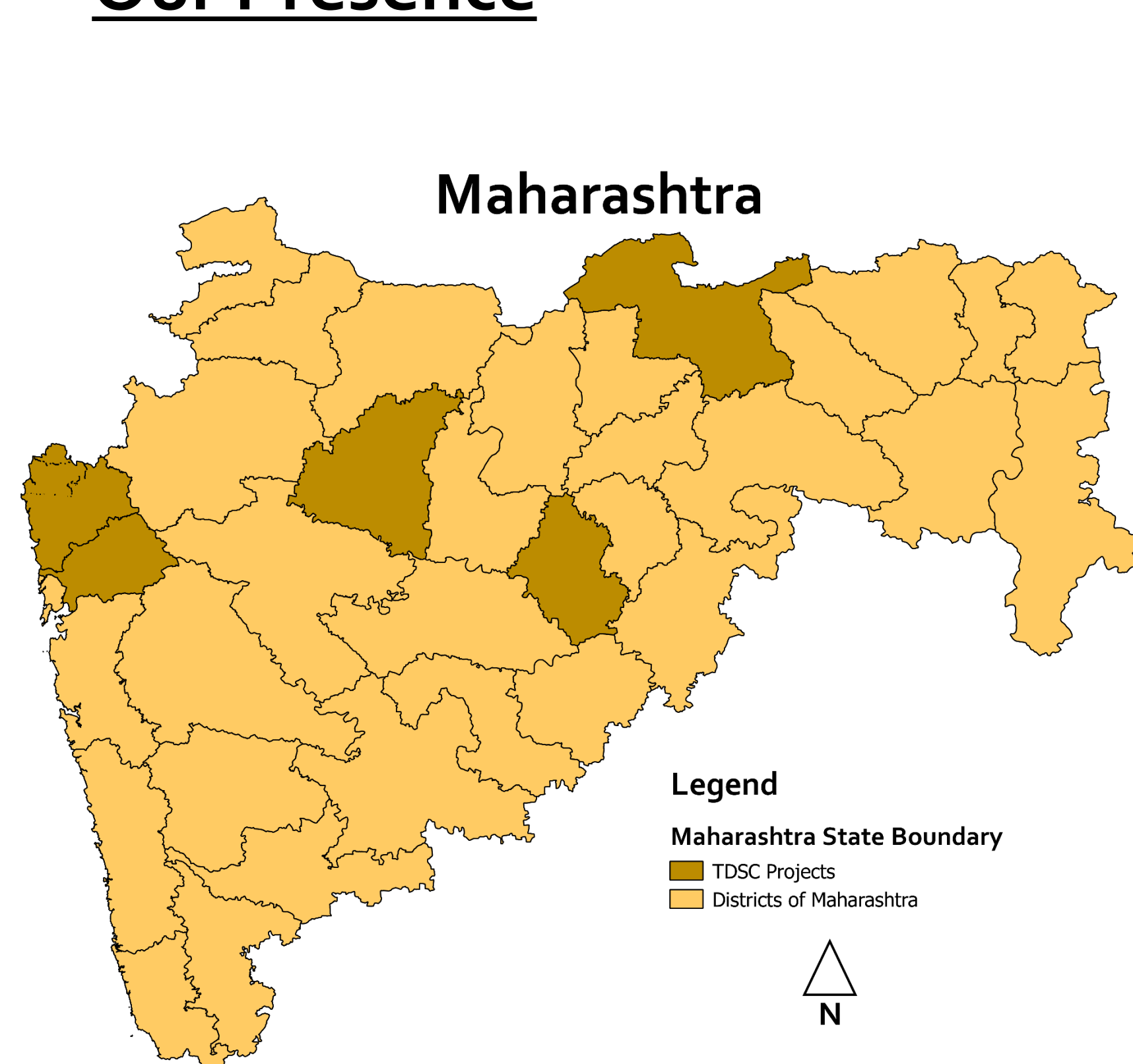
Partners/ Stakeholders

Government of India
Government of Maharashtra (State Governments)
Zilla Parishads & Gram Panchayats
CSRs & NGOs

Project areas and sample projects

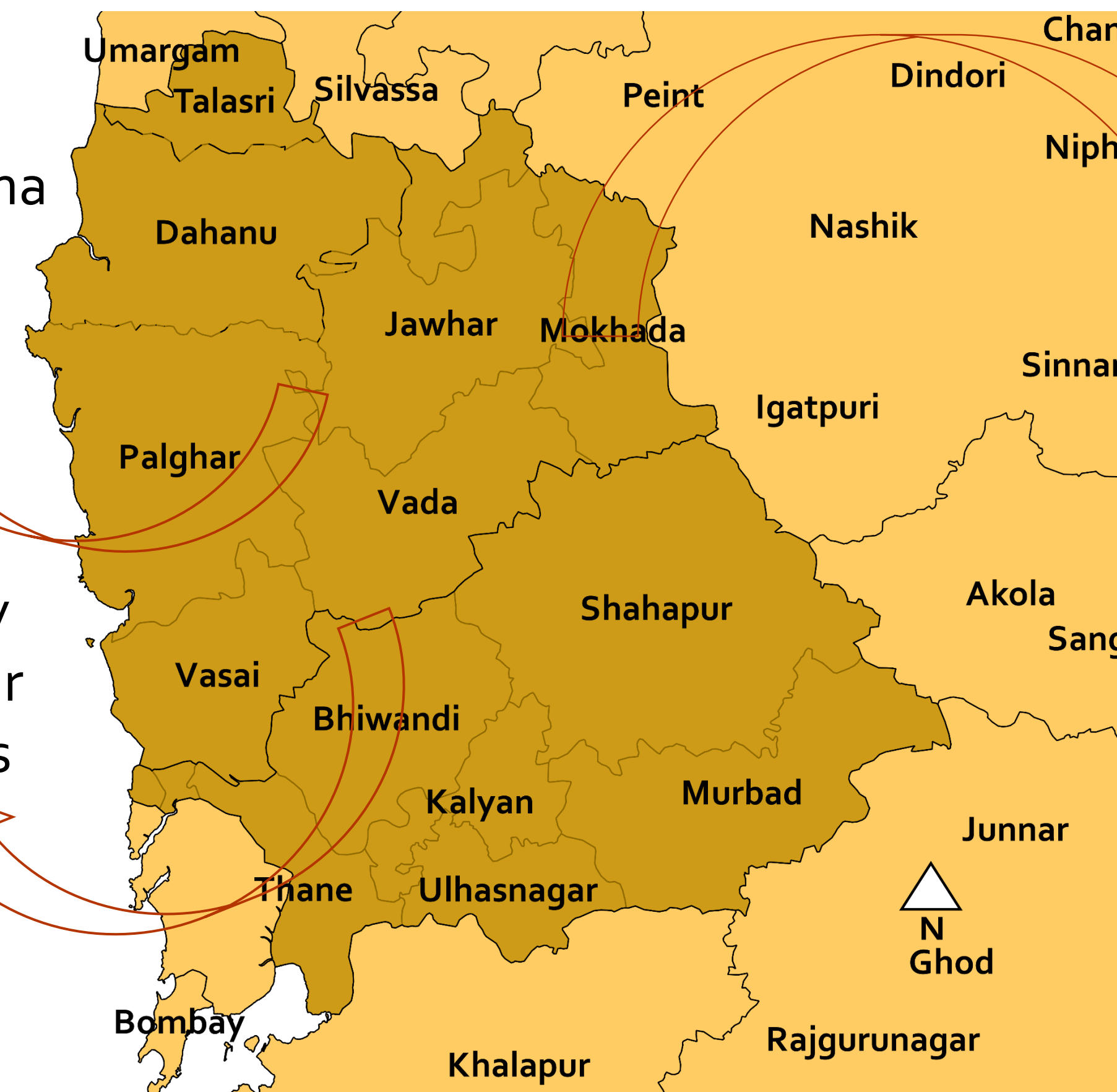
Ongoing projects in 3 districts of Maharashtra
Devnadi water budget, The Nature's Conservancy
Technical Support to Regeneration of DBIs project by Yuva Mitra, Sinnar
Drinking water solutions for Tembha village (Shahapur, Thane district)

Our Presence

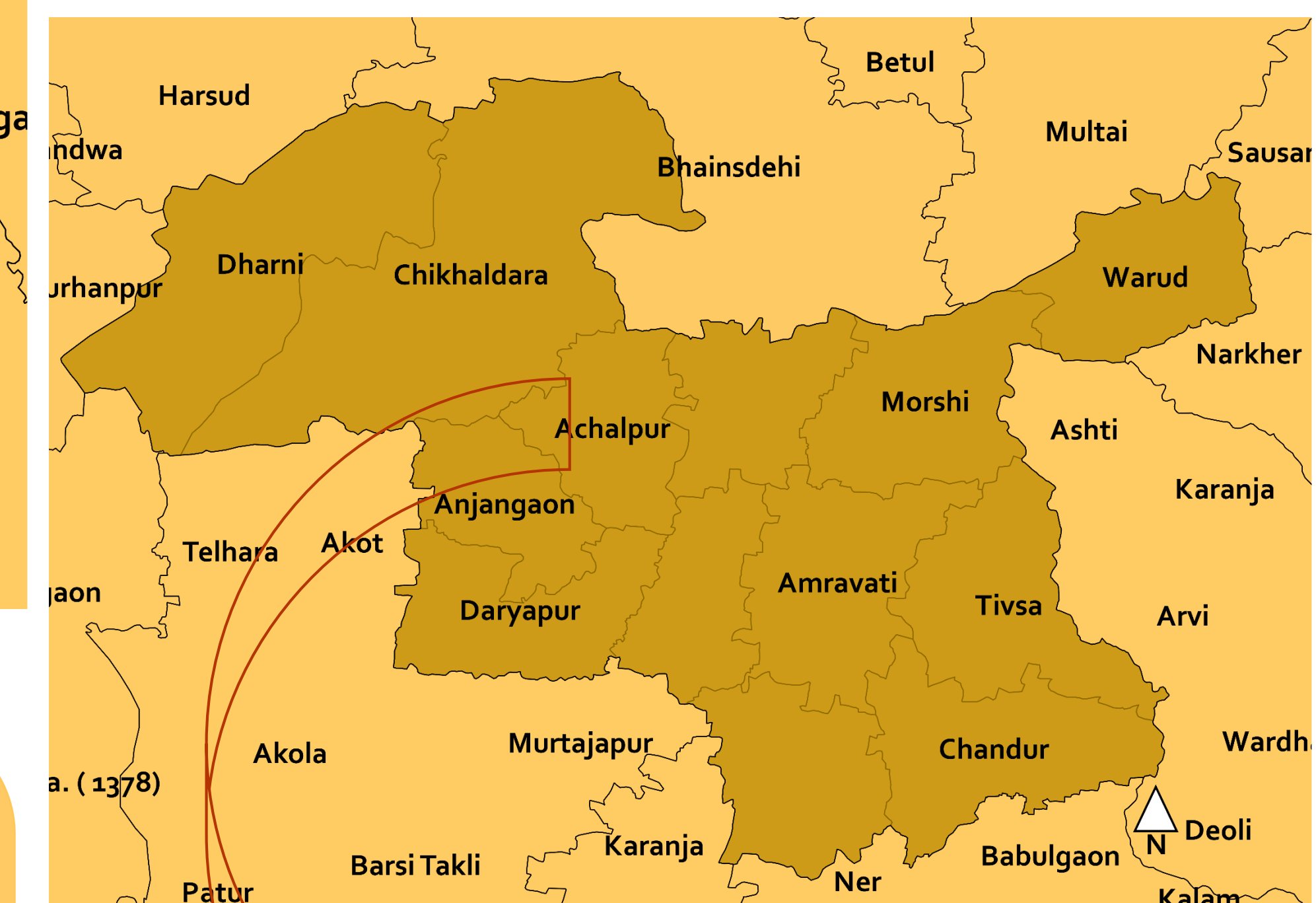


Third Party Assessment for Thakkar Bappa Yojana in Palghar District

Third Party Assessment of Rural Water Supply Schemes in Palghar and Thane Districts



Regional Planning of Watershed Interventions for Reduction of Water Stress in Mokhada Taluka



Support to assessment of Jalyukta Shivar Abhiyan works in Amravati District

Training & Outreach

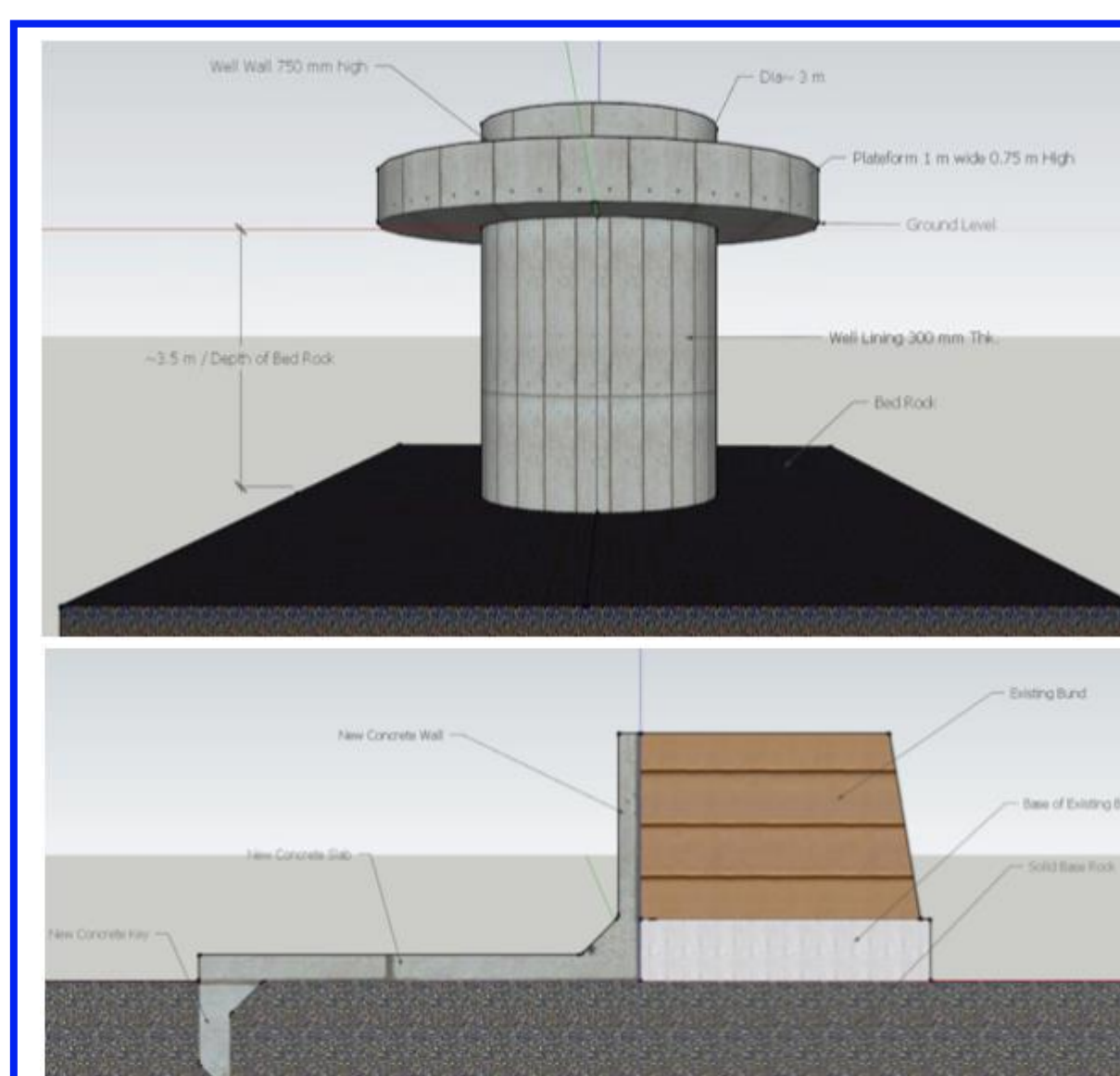
- 4 Rural Water Supply training programs for 72 engineers, 4 contractors & 24 Engineering colleges.
- 4 Jalyukta Shivar Abhiyan training for 24 Engineering colleges & 97 village representatives
- Compendium of Training Materials for the Capacity Building: **Improving the performance of rural water supply and sanitation sector in Maharashtra**
- GIS Manual: **A short introduction to Quantum GIS**

Assessment of Jalyukta Shivar Abhiyan works in Palghar district



Evaluation of Rural Drinking water schemes in Thane and Palghar District

Evaluation of Thakkar Bappa Yojana in Palghar District



Watershed Interventions design for habitations in Kurlod and Botoshi, Mokhada Taluka

Evaluation of Water Supply Scheme in Parbhani city



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