

Tentative Title**BIOREM**

Development and implementation of low cost innovative Bio-oxidation Technology for treating polluted water fit for reuse

Project

This project investigates existing water treatment practices and managing strategies of available local water resources to provide clean and reliable supply in selected regions in India. The innovations will be to simplify water quality monitoring methods and to develop a low cost bio-oxidation technology to remove emerging pollutants in water. Project will also develop real time detection systems to highlight different pollutants risks and flooding/water insufficiency scenarios. The project is in close collaboration between the two teams of Indian and EU participants. The problem is within Indian context with opportunities to learn from EU experience to make assessment of the considered scenarios, available solutions and challenges for implementation and management of the solutions. EU partners will work closely with the partners in India to develop technical solutions. Indian and EU SMEs will contribute for commercial development of technical solutions. Local government bodies and NGO will help implement the management strategies and field demonstration and assessment of the chosen methodology and strategies.

We already have partners to develop scientific solutions. We are looking for partners from **industry and SME** having experience in:

- Water management and wastewater management implementation into rural and urban development planning processes;
- Policy analyst and economic evaluators; experience in development systematic, decision analysis tools for evaluating different scenarios and decisions.

Please fill in the profile form and send it back to the ncpenv@tubitak.gov.tr till the **20th of December, 2017**.