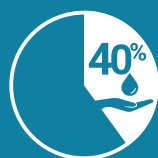


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Mobile Application Based Remote Water Tank Monitoring

Rationale

Urban water supply service delivery in Pakistan is managed by local governments and overseen by provincial governments. In major cities, Water and Sanitation Agencies (WASAs) handle domestic water supply. Karachi, the largest city in Pakistan, relies on the Karachi Water and Sewerage Board (KW&SB) for its water supply. According to the KW&SB website, the board faces a 40% water shortage, making it challenging to meet the basic per capita water needs of the metropolitan city without better management of available water resources.



According to the Karachi Water and Sewerage Board (KW&SB), the city faces a 40% water shortage

