

Capacity Building for Urban Water Demand Management

Dr Fayyaz Ali Memon, Prof. David Butler and Prof. Dragan Savic

This is three year project jointly funded by the British Council and DIFID. The project is aimed at *developing a research base on aspects related to urban water demand management and enhancing capacity at institutional and national level through structured knowledge transfer and provision of pilot scale demonstration sites for selected WDM options in developing countries.*

The key objectives are to:

1. Initiate the establishment of 2-3 pilot scale greywater (less polluted wastewater collected before it mixes with WC waste) recycling projects to investigate their performance in a predominantly hot climate. The technology involved will utilise low cost, locally available materials and ancillary equipment.
2. Strengthen the postgraduate environmental engineering curriculum to address local issues and include sustainable solutions pertaining to water demand management.
3. Develop a web based online resource on WDM
4. Develop a nationwide network on water demand management comprising stakeholders from higher education institutes, industry and government to gather the necessary critical mass to facilitate development, exchange and promotion of knowledge on:
 - a. innovative (but robust) WDM ‘hard’ and ‘soft’ solutions, technology rollout and resulting spin off companies (opportunities and implications for the urban poor)
 - b. policy formation and decision making
5. Organise a series of national level training workshops on WDM and an international conference
6. Develop joint research proposals for HEC and international funding

