

States Where State Level Water Sector Reforms are Underway or Proposed Sept. 2007				
Sr.No.	Name of State	Features	WB & ADB LOANS	Status
1	Andhra Pradesh	Urban Water Sector Reforms. Projects are also likely to involve reforms of irrigation & drainage, sanitation services.	1. WB - Andhra Pradesh Urban Reform & Municipal Services Project, Loan Amount- US \$ 230 m, Approval Date- N/A, Project ID- P071250 2. WB - Andhra Pradesh District Poverty Initiatives Project, Loan Amount- US \$ 111 m, Approval Date- 11 Apr 2000, Project ID- P045049	Pipeline Active
2	Arunachal Pradesh	State government has passed the Arunachal Pradesh Water Resources Management Authority Bill, 2006, <i>"to regulate water resources within the state, facilitate and ensure judicious, equitable and sustainable management, allocation and utilisation of water resources, fix the rates for use of water for agriculture, industrial, drinking and other purposes and matters connected."</i> Bill was passed on 26 th October 2006.		
3	Assam	Willingness to Pay survey part of ADB TA to North eastern region.	ADB PPTA for North East (See NE Section)	
4	Chhattisgarh	Price Waterhouse Coopers Report on water sector called for full reforms. TA involved full DFID funding.	1. ADB TA - Empowerment for Improved Irrigation Management in Chhattisgarh Water, TA Amount- US \$ 900, 000 AOTA: IND 37056-02, TA Approval Date- Nov 2003 2. ADB - Loan for Irrigation to Improve Rural Livelihoods in Chhattisgarh, RRP - IND 37056, Loan Amount - US \$ 46.1 m	Closed Active
5	Delhi	Roadmap for full scale reforms, price hike in December 2004, privatisation tenders in January 2005, proposed changes in legal regime, possible state water regulatory commission. The proposal for the World Bank Loan is currently on hold due to strong protests.	1. WB Loan for US \$ 2.5 m in 2002 to conduct a study for the reforms and restructuring of Delhi Jal Board. 2. WB - Delhi Water Supply & Sewerage, Loan Amount- US \$ 140m, Approval Date- N/A, Project ID- P067215	Pipeline
6	Goa	Water and sanitation sector reforms including a project for restructuring of water and sanitation set up in the state under the Water and Sanitation Programme (WSP) of the World Bank.	WSP supported water and sanitation institutional reforms projects.	
7	Gujarat	Project implementation will also involve urban water & sanitation sector Additionally Gujarat is on its way to establish a Water Regulatory Authority to <u>determine water distribution and tariffs.</u> Developing and enabling framework and assessing PPP options for water supply and sanitation	1. WB - Gujarat Urban Development Program, Loan Amount- US \$ 130 m, Approval Date- N/A, Project ID- P094722 1. PPIAF - Public-Private Partnership for Improving Service Delivery in Water Supply and Sanitation in Gujarat, Approval Date 12/30/2005, Technical Assistance - Grant Amount - US \$ 178,400 Cofinancing from Other Sources: US \$ 109,900	Pipeline Ongoing

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8	Jammu & Kashmir	Water sector reforms are specifically on the agenda of two ADB projects. The ADB loan and the PPTA are meant to complement each other. As per the J & K Dept of Information and Public Relations news release, " <i>The state govt. has decided to conduct a study through international consultancy firms to initiate sectoral reforms. TORs for the study would be fixed in consultation with WB, ADB & DEA.</i> "	1. ADB Loan - Multi-sector Project for Infrastructure Rehabilitation in J & K, Approval Date- 21 Dec 2004, Loan Amount- US \$ 250 m, LOAN: IND 38136-01 2. ADB PPTA - Preparation of the Jammu and Kashmir Urban Infrastructure Development Project, TA Approval Date- 21 December 2004 , DFID- US \$ 500,000, PPTA: IND 38136-01	Active Active
9	Karnataka	The several ADB & WB loans together involve extensive Urban & Rural Water sector reforms. These involve full-cost-recovery, private players in O & M, financially self-sustaining systems for services delivery, etc. Scaling -up of Municipal reforms. The GBWASP project in Bangalore also involves extensive water reforms. BWSSB has retained IFC to assist in structuring and implementing a management contract with private sector companies for O&M of water distribution and wastewater systems covering the eight ULBs. It is expected that PSP will be expanded to include the entire City, under concession contract. The bidding process is expected to begin by early Spring of 2006. An IFC funding mechanism DevCo's advisory is currently providing funding for the mandate to introduce private participation in the City of Bangalore's water sector.	1. WB - Karnataka Urban Water Sector Improvement, Loan Amount- US \$ 39.5 m, Approval Date- 8 April 2004, Project ID- P082510, 2. WB - Karnataka Municipal Reform Project, Loan Amount- US \$ 216 m, Approval Date- March 2006, Project ID- P079675 3. WB - Karnataka Panchayats Strengthening Project, Loan Amount- US \$ 133.33 m, Approval Date- June 2006, Project ID- P078832 4. WB - Second Karnataka Rural Water Supply and Sanitation Project, Loan Amount- US \$ 151.6 m, Approval Date- 18 Dec 2001, Project ID- P050653	Active Active Active Active
		1. The KUDCEMP project is supposed to push reforms on various urban issues. " <i>Project seeks to optimize social and economic development in the urban areas by reforms in urban services & PSP.</i> " 2. Karnataka Urban Development III was used as the basis for developing the NKUSIP loan. The Investment Program would introduce PSP in selected sub-sectors, including water supply systems, sewerage systems, drainage, solid waste collection, etc. and support institutional reforms.	1. ADB Loan - Karnataka Urban Development and Coastal Environmental Management Project (KUDCEMP), Loan Amount - US \$ 175 m, Approval Date- 26 Oct 1999, LOAN: IND 30303-01 2. ADB PPTA - Karnataka Urban Development III, TASF - \$ 400,000, TA Approval Date- 23 December 2004, PPTA: IND38254-01 3. ADB - North Karnataka Urban Sector Investment Program (NKUSIP), Loan Amount- US \$ 270.00 m, Approval Date - Dec 2006. LOAN: IND 38254-01	Active Approved

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10	Kerala	The WB and ADB projects together involve urban and rural water sector reforms. The WB project documents state that it will improve the quality of water supply and sanitation service delivery, through cost recovery, and institutional reforms	1. WB - Kerala Rural Water Supply and Environmental Sanitation Project, Loan Amount- US \$ 65.5 m, Approval Date- 7 Nov 2000, Project ID- P055454	Active
		The ADB urban development project lays down several conditions as a part of pushing the reforms process. These conditions have been strongly opposed by the Kochi civic administrators. The conditions include phasing out public taps, hike in water tariff, user fees on collection of solid waste and sewerage as additional fee on property tax etc. The Corporation is particularly critical of the fact that it will have to bear the financial brunt of projects such as drinking water supply, sewerage and roads, which are not owned and implemented by it. They also feel that ADB conditions are an infringement on the rights and privileges of civic bodies.	1. ADB - Capacity Building for Kerala Sustainable Urban Development, AOTA: IND 37127-01, Approval Date- Dec. 2004 2. ADB - Kerala Sustainable Urban Development Loan, LOAN: IND 32300-01, Loan Amount- US \$ 221.20 m Loan Approval Date- 20 December 2005	Active Active
11	Madhya Pradesh	The ADB and WB loans together push for full scale Water Sector Reforms - urban, irrigation sector and others, price increases, full cost recovery, elimination of subsidies, retrenchment, ending public water posts, disconnection of non-paying consumers, water tariff regulatory commission, privatisation of 25 minor and 1 major irrigation project.	1. WB - Madhya Pradesh Water Sector Restructuring Project, Loan Amount - US \$ 396 m, Approval Date- Sept. 2004, Project ID- 73370 2. WB - Madhya Pradesh District Poverty Initiatives Project, Loan Amount - US \$ 110.1 m, Approval Date- 7 Nov 2000, Project ID- P059242	Active Active
		The WB loan preconditions that state govt., not later than December 31st, 2005, prepare & submit draft legislation for the establishment of an autonomous Water Regulatory Commission to review & monitor water sector costs and revenues, and for setting of bulk user fees to enable water sector operations to be financially viable.		
		Tariffs have been increased in Indore 150% from Rs. 60 to Rs. 150 and in Bhopal proposals to increase tariffs have been struck down twice because of political pressure in the Mayor in Council (MIC). A policy of disconnection of water supply on non-payment, a condition of ADB loan, has been in the project cities but is facing large scale protests. Ratlam refused to accept the loan because of the conditions including use of high cost consultants.	1. ADB - Loan for Urban Water Supply & Environmental Improvement Project in Madhya Pradesh, Approval Date - 12 Dec 2003, Loan Amount - US \$ 200 m, LOAN: IND 32254-01	Active
		Gwalior Municipal Corporation (GMC) UN-HABITAT partners with GMC for implementing a project to establish the Multi-Stakeholder Platform (MSP) for water demand management through mobilisation, awareness campaign and capacity building of the members of the community in Gwalior city.	UN-HABITAT under Water for Asian Cities Programme will support selected activities related to the programmes, and publication of monthly newsletter. Activities that will be undertaken would include creation of RWAs in slums, preparation of IEC materials, orientation programme for RWA representatives etc. The project will be implemented over a period of 12 months.	Ongoing

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12	Maharashtra	Water sector reforms including irrigation sector, restructuring of MJP (the water agency), setting up of a Water regulator, etc.	1. WB - Maharashtra Rural Water Supply and Sanitation "Jalswarajya" Project, Loan Amount - US \$ 181 m, Approval Date- 26 Aug 2003, Project ID - P073369	Active
		The first Water Resources Regulatory Authority in the country set up. Several projects handed over to WUA for management - a possible back door entry for privatisation. <i>"Maharashtra state government has set up a water regulatory authority, but tariff setting for the water utilities is still not a part of its current mandate."</i> (Shri VS Dhumal, PS, WSSD, GOM at ICPPP, Nagpur, Nov 2006)	2. WB - Maharashtra Water Sector Improvement Project, Loan Amount - US \$ 325 m, Approval Date - 23 Jun 2005, Project ID - P084790	Active
		The key project components include - support for Community Building at Village Panchayats, user groups and community levels to plan, implement schemes and manage service delivery on a sustainable basis, sanitation and hygiene promotion, and a component on sector strengthening programs will finance technical assistance to GOM to strengthen RWSS sector reforms and management among other objectives of the project.	3. WB - Second Maharashtra Rural Water Supply and Sanitation Project, Loan Amount - US \$ 150 m, Approval Date - Pipeline, Project ID - P073369.	Pipeline
13	Meghalaya	<i>"The project complements Australian assistance of A\$ 3 m to WB's WSP for South Asia water sector reforms. "Ausaid has emphasized policy & institutional reforms as part of Australia's prioritized support of water governance reforms. "The program is co-financed by WB (WSP South Asia) & delivered through Halliburton, URS, Sydney Water & 2 Indian Companies".</i>	1. Water and Sanitation Program South Asia - AUSAID's TA for Water & Sanitation Project in Meghalaya & Sikkim, Approval Date- 30 Oct 2003, A\$ 39.4 m (Rs. 122 Crores)	
14	North- East Region	Willingness to pay survey, socioeconomic survey, poverty mapping, service demand survey ...for the project cities to assess the capacity to charge and prepare alternative supply and demand management options is a part of the TA exercise. US \$ 800,000 is DFID contribution.	1. ADB PPTA - North East Region Urban Development (Phase II), TA Approval Date- Oct 2005, TA Amount- US \$ 960, 000, PPTA: IND38260-01 2. ADB PPTA - North Eastern Region Urban Development, TA Approval Date- 8 June 2004, TA Amount- US \$ 1000,000, PPTA: IND35290-01	
15	Others	JNNURM aims at large scale reforms in municipal services in 63 cities identified across the country. With major reforms in services in water supply, sanitation, sewage disposal coming up.	1. Jawaharlal Nehru Urban Renewal Mission (JNNURM), Government of India Project	Ongoing

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		The major objectives of the project include among other things -privatization of power, water supply & sanitation services. The documents specifically state that the choice of infrastructure sectors to be financed has been aimed to support reforms. In water projects financed would only be: <i>"Privatized water supply and sanitation services or services that are under private concessions."</i> Projects financed not known.	2. ADB Loan - Private Sector Infrastructure Facility at State Level (IL&FS), Loan Amount - US \$ 100 m, Approval Date- 11 Dec 2001, LOAN: IND 34262-01	
		The TA documents state that "The TA complements the ongoing advisory TA for Mainstreaming PPP at State Level, and the TA for Mainstreaming PPP cells at the central ministries, including MOUD." The outcomes of the TA are given as : "(i) legal, policy and regulator barriers to PPP at selected state and city-level identified and addressed; (ii) capacity of local government officials to strategize and plan for private sector involvement in urban sectors (water supply, sanitation, solid waste, and urban transport) and (iii) 3 to 4 well structured urban PPPs incorporating private sector efficiencies and capital are brought to financial closure, serving as replicable PPP models for other Indian cities." It also visualises that the TA is "likely to lead more private sector investments in water supply, sewerage, solid waste management.	3. ADB TA - Promoting Public-Private Partnerships in Urban Infrastructure in India, Approval Date - 26 Oct 2007, TA Special Fund - US\$2.0 million, Project No. -41006-01	Approved
		The underlying objectives of the TA include, to help ensure maximum impact of the program in terms of reforms at the state and local level, conducting a baseline survey of the infrastructure and regulatory environments in ULBs slated for JNNURM investment, assisting states and cities to define their reform agendas and to enter into MOAs with GOI, and monitoring their progress over time.	4. ADB TA - Support for the Jawaharlal Nehru National Urban Renewal Mission : India, Approval Date- 24 March 2006, TA Special Fund - US \$ 2 m, Project No.- 39645-01, TA No.- 4775	Approved
16	Orissa	The project would look for for setting up self-sustaining O&M systems and modernizing agriculture production systems, implementation will take a participatory and process approach, following the initiatives of local beneficiaries to form WUAs and take over the self-sustained facility O&M. The TA aims to prepare an intervention package for ADB financing.	1. ADB TA - Orissa Integrated Irrigated Agriculture and Water Management Project, Approval Date - 18 July 2006, Type of Assistance - ATF - United Kingdom (DFID) US\$590,000 Cooperation Fund for the Water Sector US\$110,000 Project No.- 38411-01, TA No. - 4815	Approved
17	Punjab	Reforms process in co-ordination with GOI's Swajaldhara project. WB is providing full support to state government to change policies, regulations, laws in favour of privatization to promote business of water & allied services. Involvement of Price Waterhouse Coopers.	1. WB - Punjab Rural Water Supply and Sanitation, Loan Amount - US \$ 100 m, Approval Date- N/A, Project ID - P090592	Pipeline
18	Rajasthan	Project involves all the reforms steps like unbundling, tariff regulation, ground water laws. The Project report says that: <i>"The reforms ...unbundle and commercialize services by government departments, and increase participation by the private sector."</i>	1. WB - Rajasthan Water Sector Restructuring Project, Loan Amount - US \$ 140 m, Approval Date- 19 Feb 2002, Project ID- P040610	Active

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		ADB loan has been pushing for large scale Urban Water sector reforms.	1. ADB - Rajasthan Urban Infrastructure Development, Urban Development Department Project, Loan Amount - US \$ 250 m, Approval Date- 03 Dec 1998, LOAN: IND 29120-01	Approved
19	Tamil Nadu	Possible urban water reforms. WB wants to push reforms in the rural water supply too, with full cost-recovery, decentralization, private operators involvement, WUAs, etc. The WB Project document on RWSS states <i>"A major thrust of the Bank's strategy would be to mainstream the reform approach in the state's entire RWSS program. ... decentralizing RWSS service delivery ...user financing of partial capital cost and full recurrent O&M costs".</i> Attempts are on to create tradable groundwater entitlements around Chennai so that Chennai city can buy water from farmers and thus bypass the current strong protests from other farmers at depleting groundwaters.	1. WB - Third Tamil Nadu Urban Development (TNUDP III), Loan Amount - US \$ 300m, Approved on- 6 July 2005, Project ID- P 083780 2. WB - Tamil Nadu Rural Water Supply and Sanitation Project, Loan Amount - US \$ 150 m, Approved on- N/A, Project ID- 078210 3. WB - Tamil Nadu Irrigated Agriculture Modernization and Water Resources Management Project, Loan Amount - US \$ 400 m, Approval Date- N/A, Project ID - P090768	Active Active Pipeline
		Assisting the government of Tamil Nadu in preparing a policy framework to create an appropriate enabling environment for scaling up public-private partnerships to help address the state's infrastructure needs. This would also include policy, regulatory and institutional reforms.	1. PPIAF - Public-Private Partnership in Infrastructure Services Provision in Tamil Nadu, Approval Date- 29 June 2004, Technical Assistance, Grant amount : US \$ 390,300.00 Cofinancing from Other Sources: US \$ 54,000.00	Approved/ Ongoing
20	Uttar Pradesh	A series of sector reform steps to be taken like unbundling WRM, tariff regulation, WUA strengthening, UP Irrigation Department downsizing, Public Private Partnerships, private sector participation. Changes in the existing institutional and policy framework for comprehensive water sector reforms. Creation of State Water Regulatory Commission	1. WB - Uttar Pradesh Water Sector Restructuring Project, Loan Amount - US \$ 149.2 m, Approval Date- 19 Feb 2002, Project ID- P050647	Active
21	Uttaranchal	Rural Water Sector Reforms. The RWSS project will push policy and institutional level reforms, the project will also attempt to execute that in a total Sector Wide Approach.	1. WB - Uttaranchal Rural Water Supply and Environmental Sanitation Project, Loan Amount - US \$ 120 m, Approval Date- May 2006, Project ID- P083187	Active
		It seems that ADB is preparing a roadmap to push full-scale urban reforms for improvement in urban service delivery & management. <i>"Objectives of TA - To support the GOU in preparing a project suitable for ADB financing and will promote urban reforms for sustainable urban service delivery.."</i> <i>"The ensuing investment project is expected to blend urban infrastructure and services improvements with interventions for sustainable urban service delivery through necessary urban policy and institutional reforms and capacity building assistance".</i>	1. ADB PPTA - Uttaranchal Urban Development Project, TASF - \$ 600,000, TA Approval Date 14 July 2005, PPTA: IND 38272-01	Active

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		An ADB supported \$50,000 project for a multi-stakeholder platform for urban water supply comprising the public sector, private sector and civil society, for reforms of Dehradun Water Corporation.	1. ADB - Advocacy for Change: Multi Stakeholder Platform (MSP) for reforms of Dehradun Water Corporation, Start Date: December 2005, Proposed Duration: November 2006.	Ongoing
22	West Bengal	Reforms in urban water sector	1. ADB - Calcutta Environmental Improvement Project, Total Amount - US \$ 250 m, Project Number - 29466-01, Project Loan - 1813 - IND Board Approval Date - Dec 2000, Estimated Completion Date - June 2007	Ongoing
<i>Note: Statements in Quotes & Italics are taken verbatim from World Bank / ADB Project Documents, viz. PIDs, PADs, PPTAs, RRP, etc.</i>				
<i>Note: Only those projects/ loans which have impacts on water sector and are likely to involve reforms & restructuring are listed here.</i>				