National Water Sector Strategy

"A right for every citizen, a resource for the whole country"





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Baseline

Demand/Supply Forecasts

Sector Enabling Environment

Investment Plan

Strategic Roadmap

Need for Capex, Opex and revenues is driven by the evolution of demand





Total capital expenditure requirements (CAPEX) for the period 2011-2020 would reach USD7.74 Billion approximately



Total operational expenditure requirements (OPEX) for the period 2011-2020 would reach USD2.1 Billion approximately



Policies and targets for tariffs and collection are set, together with an estimate of their implications on revenues

Water Supply	 Volumetric tariff to be introduced in pilot areas of fully metered connections (25% of customers in 2012) and gradually rolled out (75% of customers by 2015). Rate per m3 to be maintained at the current average of USD 0.39 until 2014 and then increased to reach O&M recovery by 2015 an full cost recovery by 2021
	 Current lump-sum tariff to be temporarily maintained for unmetered customers
	Number of subscribers to be increased through improved coverage and customer surveys
	 Collection to be improved from current national average of 47% to 60% by 2012 and 80% by 2015
	 Tariffs to be structured based on the specificities of irrigation schemes (currently assumed: <10% volumetric, 30% per hour, 60% per area). Volumetric metering would be the preferred solution wherever applicable (target by 2015: 60% volumetric, 20% per hour, 20% per area)
Irrigation	 Rate per m3 to be maintained at the current average of USD 0.12 until 2014. Rate per hour to be kept at an average of USD 6. Rate per ha USD 400/yr. All rates are to be increased by 20% starting 2015
	 Collection to be improved from current national average of <10% to 30% by 2012 and 60% by 2015
	 Collection and treatment to at least preliminary level of 80% of wastewater by 2015, and of 95% by 2020. Secondary treatment and reuse for all inland and for coastal systems where reuse is applicable by 2020
Wastewater	 The new WW tariff (25% of the WS tariff at an initial stage) to be introduced in 2011 to pilot areas where all customers are connected to a sewer network and to a WWTP, to be then increased to
	gradually reach full recovery of all O&M costs by 2020
	 Wastewater charges can be a percentage of the water bill

Total revenues of the water sector for the period 2011-2020 are estimated to reach USD2.72 Billion



Under the set policies and targets, O&M cost recovery is expected by 2014 and full cost recovery would be reached by 2021



Note: (1) Full cost recovery includes O&M, General and Administrative, depreciation and debt service. Recovery is at sector level and is not specific to a given WE or sub-sector.

Total of 321 projects, with a budget of USD 2.45 Billion are ongoing, committed or planned for the period 2001-2015 ...



Note (1) Approximated with CDR projects, donor funded projects, MEW projects, and WE projects; (2) CDR estimations; (3) Assuming that the 5-year plans of the WEs cover 169 projects Source: PMO – Booz & Company

... with around USD 1.6 Billion as planned to be spent on new projects



Note: (1) Approximated with CDR projects, donor funded projects, MEW projects, and WE projects; (2) Average Completion rate 68%; (3) Started projects whose end date is later than May 2010; (4) Start date later than May 2010; (5) Disbursement over the sum of signed and planned projects Source: PMO - Booz & Company