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Water

Water & Sanitation PPPs

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Almost fifty percent of the developing world's population - 2.5 billion people – lack improved sanitation facilities, and almost 1 billion people still use unsafe drinking water sources, and even those with access often receive unsafe and inadequate service. Sustainable Development Goal 6 on Clean Water and Sanitation, by 2030, sets tough targets:

- 6.1 achieve universal and equitable access to safe and affordable drinking water for all
- 6.2 achieve access to adequate and equitable sanitation and hygiene for all
- 6.4 substantially increase water-use efficiency across all sectors.

Water is also crucial to food security and irrigation, and is affected by climate change. In an infrastructure-intensive sector, improving access and service quality to meet the SDGs cannot be done without massive investment. Around the developing world, the water sector is chronically under-funded and inefficient. In this context, Public-private partnerships (PPPs) can be a mechanism (among others) to help governments fund much needed investment and bring technology and efficiency that can improve the performance and financial sustainability of the water sector.

Governments are using in the water and sanitation sector increasingly to finance and operate bulks water supply and wastewater treatment. Governments turn to PPPs to introduce new technology and innovation where traditional sources are being scarce, such as in desalination and water reuse. Utilities are drawing on specific expertise, such as non revenue water reduction and pressure management, to bring efficiencies and service improvements. Private investors and providers are increasingly local and regional, increasing competition and bringing down prices.

A key challenge in sustainability of the sector is customer tariffs. Water utilities have difficulty investing in infrastructure and maintaining it when they cannot rely on revenue streams that cover the costs of operation and investment. Whilst subsidies and grants from government continue to play an important role in financing water and wastewater infrastructure, a stable revenue stream is more dependable and allows utilities to carry out business and asset planning.

Navigate the following subsections for more information and sample laws, regulations and agreements.

The World Bank Group Climate Toolkits for PPPs including Climate Toolkits: Water Production and Treatment contains a set of tools covering the major climate entry points (identification of risks, incorporation of climate considerations in the project selection, and appraisal of climate effects in the project's economics).

The Municipal Public-Private Partnership Framework is a tool developed specifically for local governments to help them understand and implement PPPs, keeping in mind their characteristics, needs and challenges. The tool kit offers a comprehensive and concise approach to PPPs, with sample terms of reference, bidding documents, and PPP agreements.

Related Content

- **Water & Sanitation PPPs**
- **Approaches to Utility Reform**
- **Water and Sanitation Agreements**
- **PPPs in Irrigation**
- **Managing Non-Technical Losses and Theft in Utility Contracts**
- **Case Studies and Lessons Learned - Water**
- **Water & Sanitation Toolkits**
- **Gender & Water and Sanitation Projects**

Additional Resources

- PPP Online Reference Guide
- 5 Trends in Public-Private Partnerships in Water Supply and Sanitation
- Managing Non-Technical Losses and Theft in Utility Contracts

Subsections

Utility Restructuring Corporatization Decentralization Performance Contracts: Power Line

Approaches to Utility Reform

Corporatization of Public Water Utilities: Water Plant

Corporatization of Public Water Utilities

Empresas Mixtas: Water Plant

Empresas Mixtas

Joint Ventures / Government Shareholding in Project Company: Bridge

Joint Ventures and Government Shareholding in Project Companies

Water and Sanitation Agreements: Faucet tap

Water and Sanitation Agreements

Water Management/Operation and Maintenance Contracts : Water Pipes

Water Management/Operation and Maintenance Contracts

Water and Sanitation Lease and Affermage Contracts: Water Pipes

Water and Sanitation Lease and Affermage Contracts

Raw and Treated Bulk Water Supply Agreements: Water Treatment

Raw and Treated Bulk Water Supply Agreements

PPPs in Irrigation: Farm Irrigation

PPPs in Irrigation

Theft / Non-Technical Losses (Water and Electricity): Electrician up at an electric post doing repair

Managing Non-Technical Losses and Theft in Utility Contracts

Water Regulation: Self-Regulation: Sewage Cover

Water Regulation: Self-Regulation

Water Regulation: Regulation by Contract with a Separate Regulator (Hybrid): Water taps

Water Regulation: Regulation by Contract with a Separate Regulator (Hybrid)

Regulation by Contract signing

Regulation by Contract

Water & Sanitation PPP Toolkits: Water Tap

Water & Sanitation Toolkits

Water Regulation: Separate Regulatory Body with Licensing Regime: Public Water Taps and Collection Points

Water Regulation: Separate Regulatory Body with Licensing Regime

Case Studies and Lessons Learned - Water: Water pipe

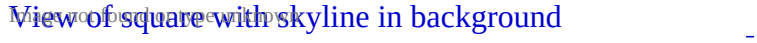
Case Studies and Lessons Learned - Water

Gender & Water and Sanitation Projects: Women carrying water basins

Gender & Water and Sanitation Projects

Climate Toolkits for Infrastructure PPPS - Wind Energy, Power

World Bank Group Climate Toolkits for PPPs


View of square with skyline in background

Municipal Public-Private Partnership Framework

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