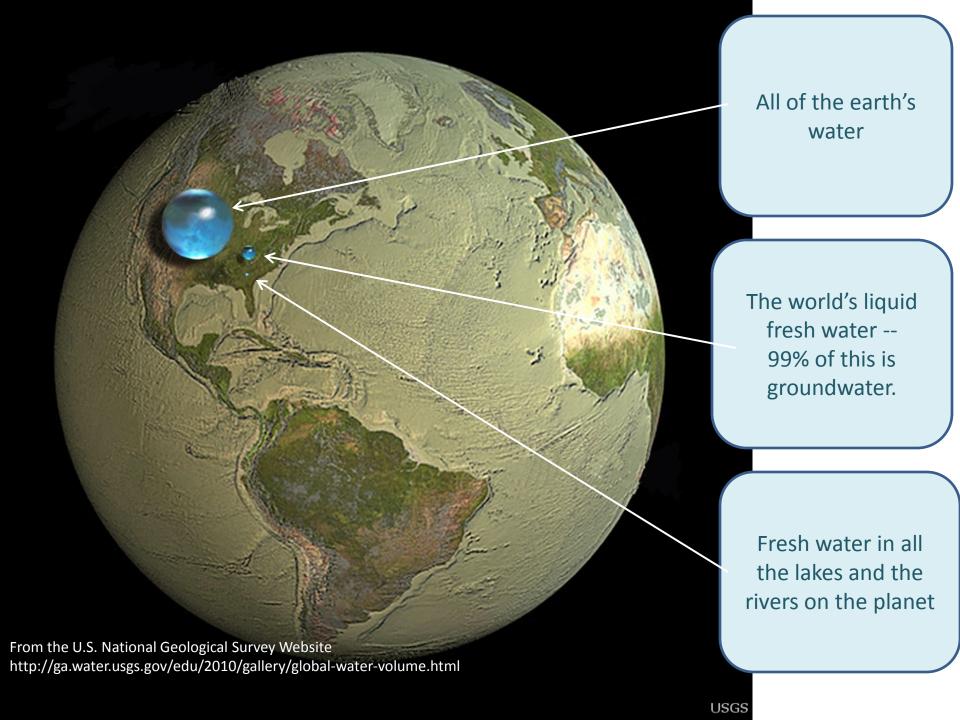
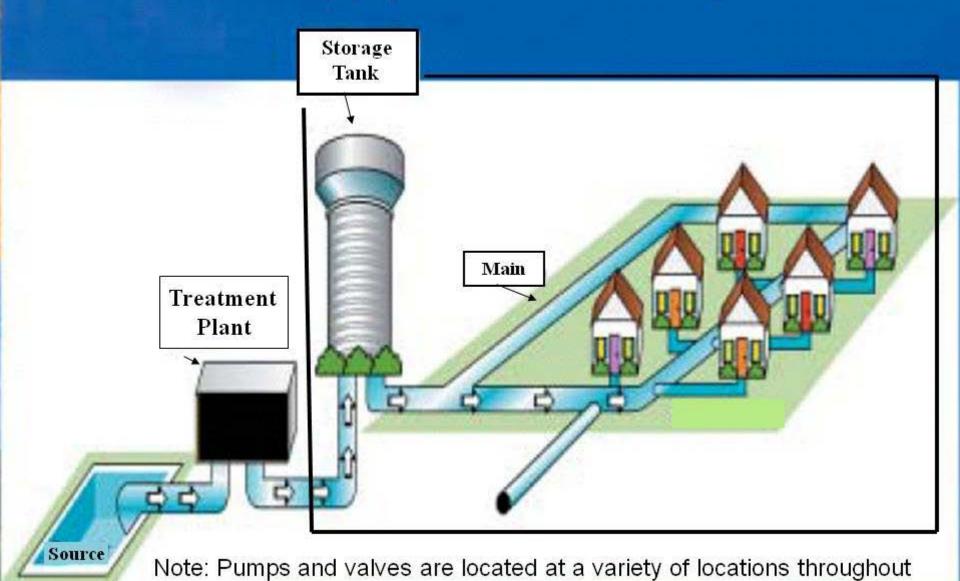
# Water Regulation: An Introduction

Energy Regulators Regional Association
Workshop on Water Regulation
June 12, 2013
Budapest, Hungary





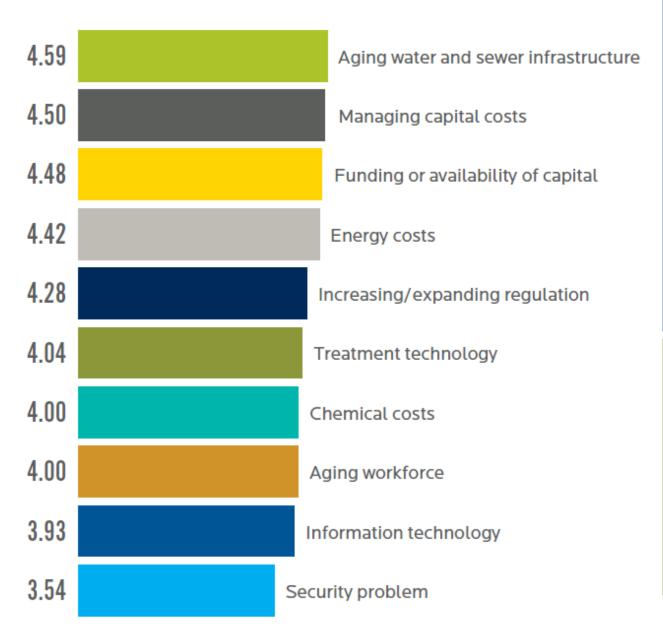
# Water Supply Distribution System



the distribution system.

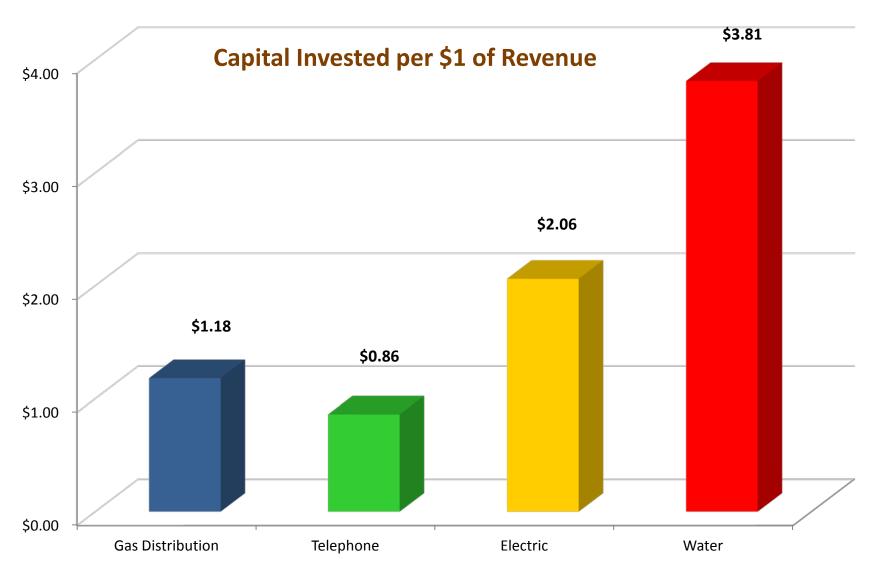
From U.S. Environmental Protection Agency Website

#### IMPORTANCE OF INDUSTRY ISSUES



...survey respondents
considered aging
infrastructure as the
most important issue
facing our industry,
with managing costs,
funding or availability
of capital, and energy
costs closely behind.

Energy costs can
account for as much as
30% of most utilities'
[water and
wastewater] operating
budget.



Source: AUS Reports and NAWC Policy Forum Report 2012

## Supply

## Infrastructure

## **Pricing**

## Delivery

Source

Pumping, Pipes, Storage, Meters, Fire Protection

Availability of Data

Monopoly or Competitive

Adequacy

Maintenance and Repair

Cost Recovery (Connections

Charges and On-going)

Metered or Unmetered

Standards, Testing and Treatment

Replacement and Investment for Growth

Efficiencies and Conservation

(Leaks and Theft)

Drinking Water vs. Recycled Water

Water Wastewater **Irrigation** 

Vulnerable Customers

Billing and Complaints

Ownership

Losses

### Delivery Supply **Pricing** Infrastructure Availability of Pumping, Pipes, Monopoly or Source Storage, Meters, Data Competitive Fire Protection Cost Recovery Metered or ■ (Connections Adequacy Maintenance √ Unmetered Charges and and Repair On-going) Standards, Replacement Losses Testing and Efficiencies and (Leaks and and Investment Treatment Conservation Theft) for Growth 💆 Drinking Water vs. Vulnerable Water Billing and Recycled Customers Wastewater Complaints Water **Irrigation** Ownership

## **Contact Information**

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