



Presentation from  
**2016 World Water  
Week in Stockholm**

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# **Institutional Arrangements for Informing SDG Implementation**

**Lessons learned from a Monitoring and Reporting Mechanism on  
Access to Water Supply and Sanitation Services in the Arab Region  
(MDG+ Initiative)**

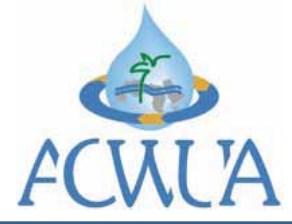
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**WWW 2016**

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# Background

## Goal 7

# Ensure Environmental Sustainability

### Target 7-C

Halve, by 2015, the proportion of people without sustainable access to safe drinking water and basic sanitation

### Target 7-A

Integrate the principles of sustainable development into country policies and programmes and reverse the loss of environmental resources

### Indicator 7.8

Proportion of population using an improved drinking water source

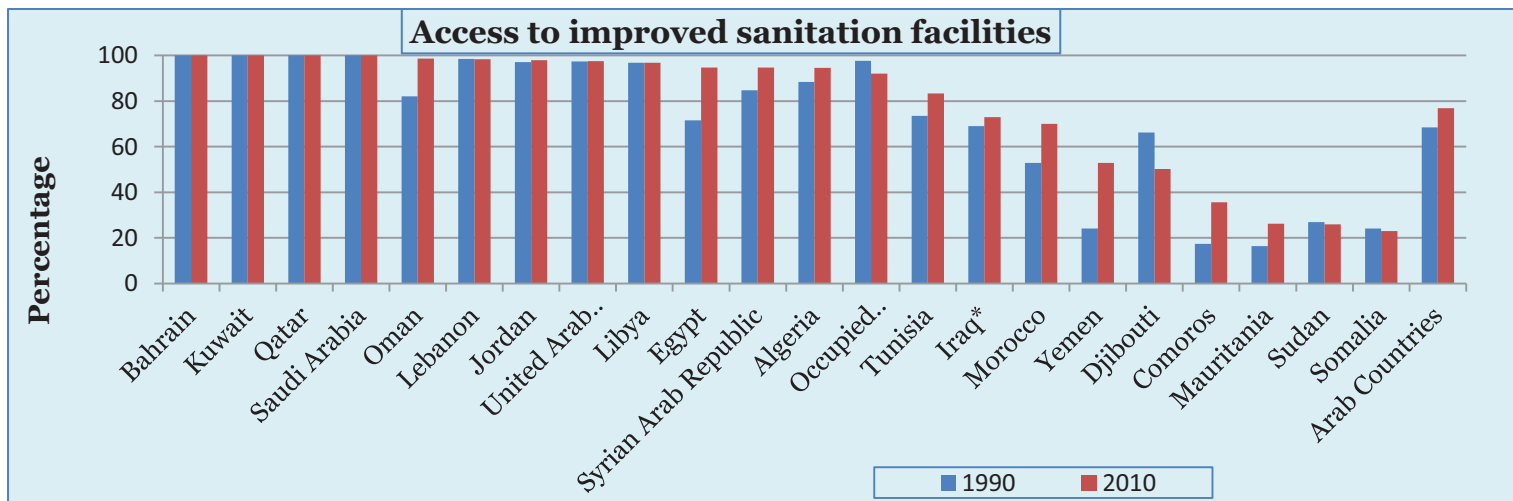
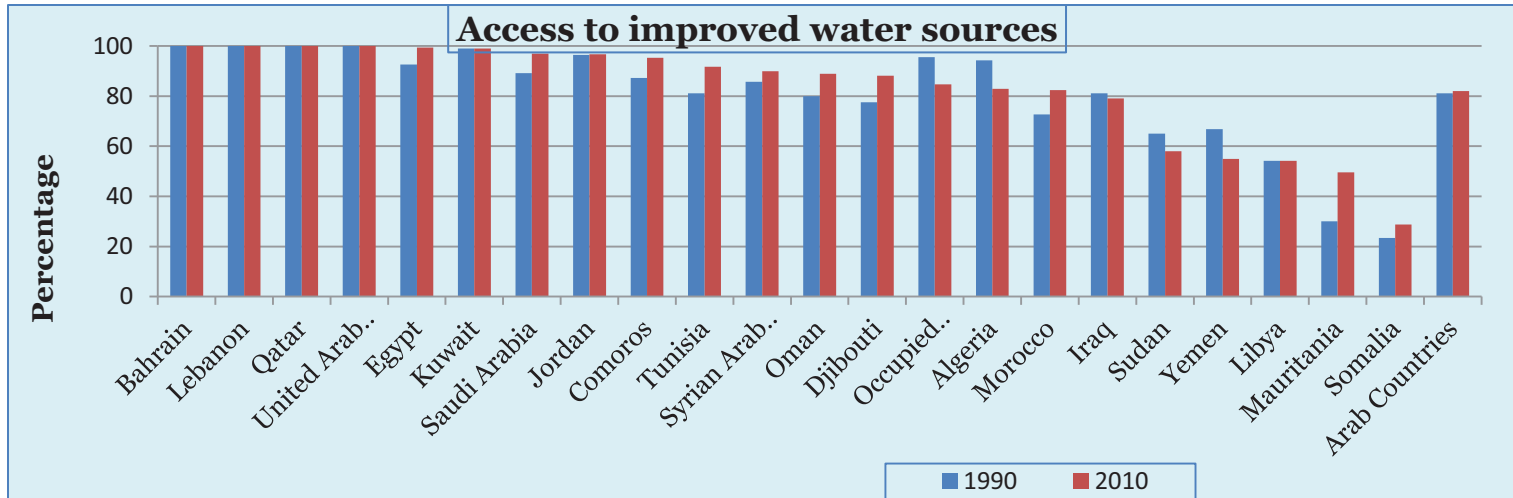
### Indicator 7.9

Proportion of population using an improved sanitation facility

### Indicator 7.5

Proportion of total water resources used

# Progressed Achieved of MDGs



## **AMWC viewed means of monitoring access to be insufficient in the regional context**

In 2009, Arab States expressed at their First Meeting concern about:

- Access to piped water on premises**
- Regularity of water supply** (intermittency challenge)
- Drinking water quality**
- Affordability of drinking water**
- Wastewater treatment and reuse**
- Other issues**
  - **Water security** – associated with dependency on shared water resources
  - **Capacity to store sufficient water** – at household level and utilities in case of water scarcity, inability to pump water to due energy constraints, disaster
  - **Non-revenue water losses** – distribution network, O&M,

## MDG+ Initiative

### ➤ Mandate

- Three resolutions of the Arab Ministerial Water Council.

### ➤ Aim

- Enhance monitoring not develop new goal.

### ➤ Scope

- Level and quality of access and services.
- Environmental protection.

### ➤ Indicators

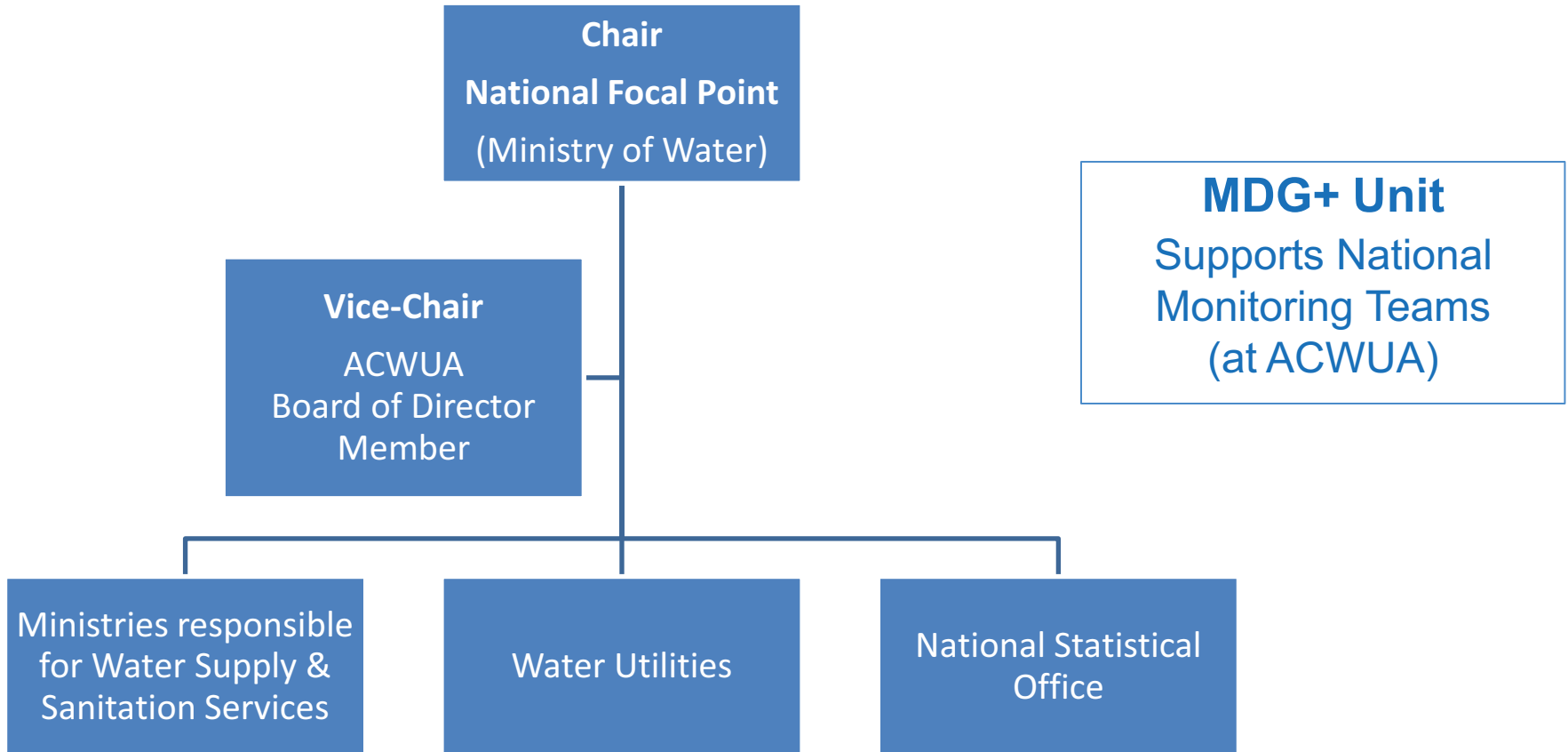
- Expand on JMP indicators to include issues like; **availability, quality, affordability, and environmental protection.**
- Data availability and measurability.
- Efficiency (maximum additional information in relation to needed efforts).
- Phasing.

## Implementing the MDG+ Initiative

- At the National level
  - National Monitoring Teams
  
- At the Regional level
  - Arab Ministerial Water Council - political coverage.
  - Advisory Board (ESCWA, ACWUA, CEDARE, RAED, AWC).
  - Data management system (MDG+ unit) - ACWUA.
  - Technical and institutional support - ESCWA and ACWUA.
  
- Donor
  - Sida



# National Monitoring Teams



<b>Palestine</b>	<b>Jordan</b>	<b>Iraq</b>	<b>Kuwait</b>	<b>Qatar</b>
<b>Bahrain</b>	<b>UAE</b>	<b>Oman</b>	<b>Yemen</b>	<b>Saudi Arabia</b>
<b>Egypt</b>	<b>Tunisia</b>	<b>Libya</b>	<b>Algeria</b>	<b>Morocco</b>
<b>Mauritania</b>	<b>Sudan</b>	<b>Lebanon</b>		

18 Arab States



## Implementing Partners



## Advisory Board Members and Contributors



Centre for Environment  
and Development of the  
Arab Region and Europe



Arab Water Council



Arab Network for  
Environment and  
Development



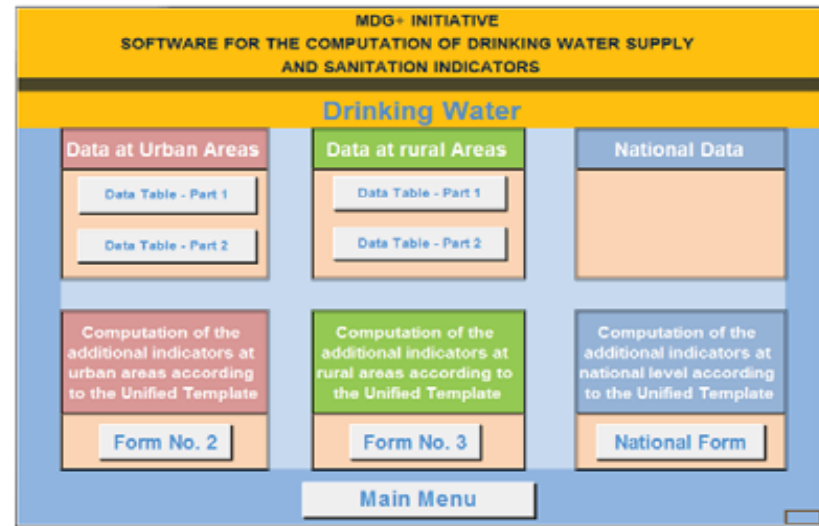
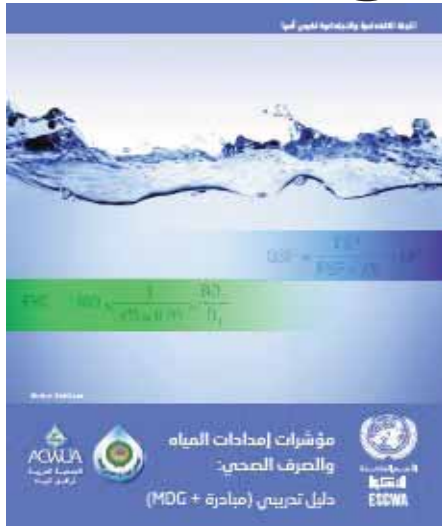
World Health  
Organization

## Donor



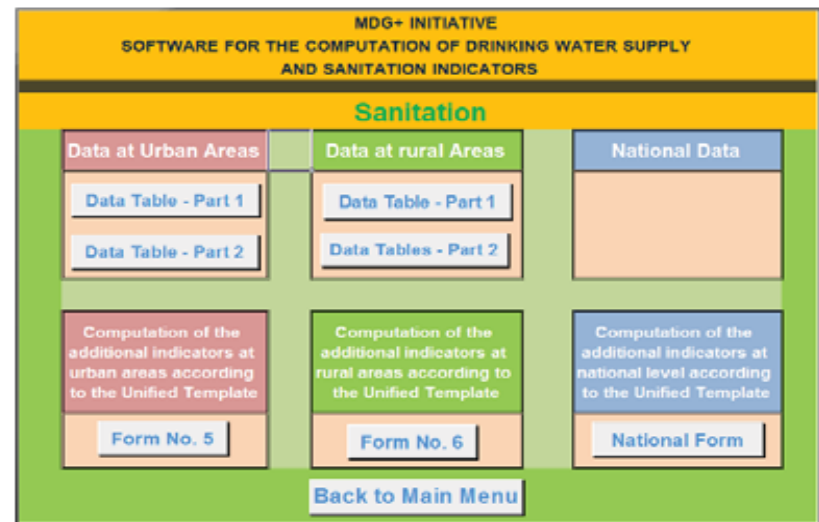
Swedish International  
Development Cooperation  
Agency (Sida)

# Training Tools & Technical Assistance



- 3 Regional Workshops
- 13 National Workshops
- Expert Group Meetings
- Inter-Governmental Committees & Councils Sessions

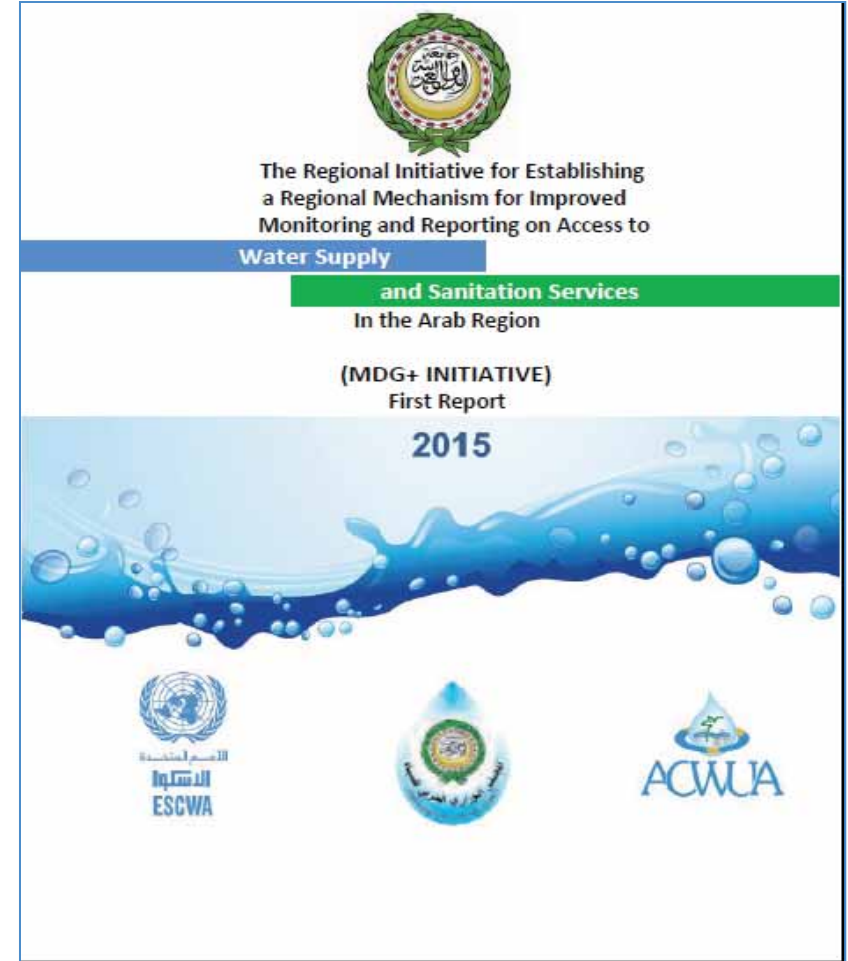
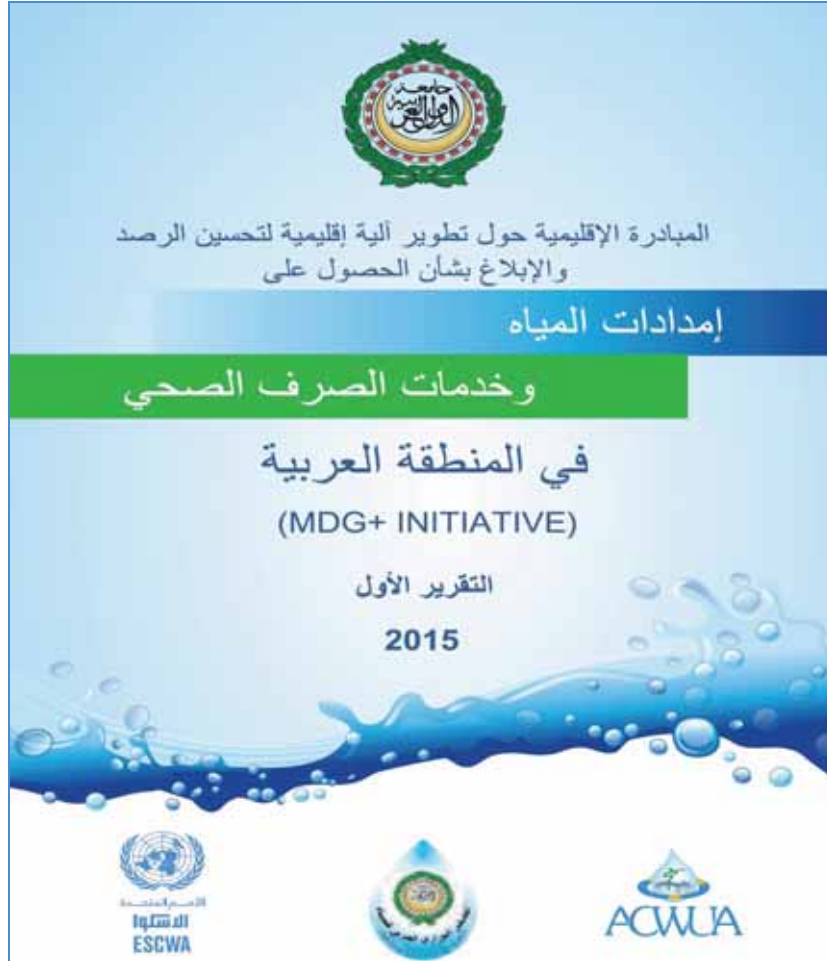
12 Country Workshops
Qatar*
Bahrain*
Tunisia*
UAE Egypt
Algeria*
Oman
Kuwait
Saudi Arabia
Morocco
Lebanon*
Mauritania*
Sudan





## MDG+ Initiative: Engagement at Country Level

- 18 countries appointed NFPs (National Focal Points) and form National Monitoring teams.
- 4 Regional workshops & meetings (Beirut & Amman) – 200 participants
- 13 backstopping and national training missions.
- 11 countries submitted data (2012 - baseline)
- 18 countries submitted for 2<sup>nd</sup> Report (2013 baseline)
- 3 Twinnings between Arab Countries
- 1<sup>st</sup> report was published on May 2015
- October 2016 , second report (2012 & 2013 data)
- 5 progress reports to AMWC
- Website, Database



## MDG+ Indicators Data Measured By Population Number Unit

General Data				
Data Year: (2012)	Total	Rural	Urban	Population (x1000)
	1316.5	0	1316.5	100
Yearly income per capita (US \$)23,339 :				

Water Supplies						
Public Faucet			Supply Network			Population (x1000)
Total	Rural	Urban	Total	Rural	Urban	
0	0	0	1315.9	0	1315.9	Connected People
0	0	0	312.5	0	312.5	Daily consumption per capita ( liter/capita /day)
Continuity of Supply						
0	0	0	1315.9	0	1315.9	Continuous daily supply service
0	0	0	0	0	0	Average supply service for 3-4 days/week
0	0	0	0	0	0	Average supply service for 1 day/week
0	0	0	0	0	0	Average supply service for 1 day/2 weeks
0	0	0	0	0	0	Average supply service less than above
Water Quality						
0	0	0	1315.9	0	1315.9	Water supply disinfected by one of the main disinfection methods
0	0	0	0	0	0	Water supply not disinfected by any of the main disinfection methods
Distant to water source						
						Urban Areas
						Less than 30 minutes
						More than 30 minutes
						Rural areas
						Less than 500 meters distance
						More than 500 meters distance
Tariff Type						
			0	0	0	Monthly fixed fees tariff
			1315.9	0	1315.9	Variable escalating tariff
Average tariff value for one cubic meter						
0	0	0	0.07	0	0.07	US \$

Sewerage Network			
Total	Rural	Urban	Population (x1000)
1310	0	1310	Connected People
1310	0	1310	Treated wastewater
Treatment Type			
0	0	0	Primary Treatment
0	0	0	Secondary Treatment
1310	0	1310	Tertiary Treatment
Areas of Reuse after Treatment			
366.7	0	366.7	Agriculture
0	0	0	Groundwater recharge
0	0	0	Domestic uses
942.9	0	942.9	Direct discharge to water course or sea
0	0	0	Other uses
0	0	0	Untreated wastewater
0	0	0	Agriculture
0	0	0	Underground injection for groundwater recharge
0	0	0	Domestic uses
0	0	0	Direct discharge to water course or sea
0	0	0	Other uses
Tariff Type			
0	0	0	Monthly fixed fees tariff
0	0	0	Variable escalating tariff
Average tariff value for one cubic meter			
0	0	0	US \$

BAHRAIN

### Drinking Water Supplies Population served in Urban Areas

Domestic Connection

Million

1.316

Average per capita daily consumption

312.5

Liter/capita/day

Continuity of Supply

Continuous daily

1.316

Million

Average 3-4 days weekly

0

Million

One day weekly

0

Million

One day biweekly

0

Million

Water Quality

Disinfected water supply

1.316

Million

Tariff structure

Flat

0

Million

Volumetric

1.316

Million

Average tariff per  $m^3$

0.07

US\$/ $m^3$





## Lessons learned

- **Government Mandate** - AMWC approval and support.
- **Country ownership :**
  - National Focal Points and formation of National Monitoring Teams.
  - Official submission and approval of national data
- **Regional exchange**
  - Workshops and twinnings
  - Regional database
- **Technical assistance** – on-site training and assistance
- Awareness of MDGs and SDGs
- Contribution to SDGs.

# Thanks for your attention ...

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