Presentation from 2016 World Water Week in Stockholm

www.worldwaterweek.org

[©] The authors, all rights reserved









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)

> Dr Jarrah AlZubi Technical Advisor & Project Manager, MDG+ Unit - ACWUA

> > Stockholm, Sweden WWW 2016 31 August 2016







Background







Goal 7 Ensure Environmental Sustainability

<u>Target 7-C</u>

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

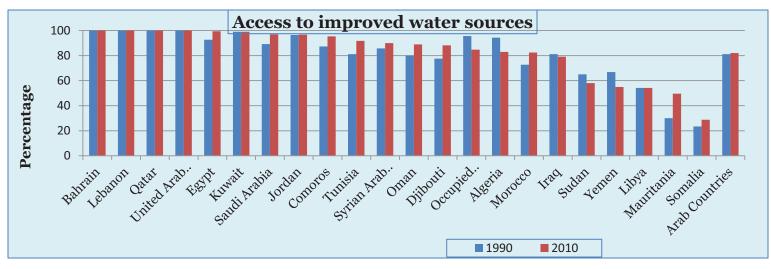
Proportion of total water resources used

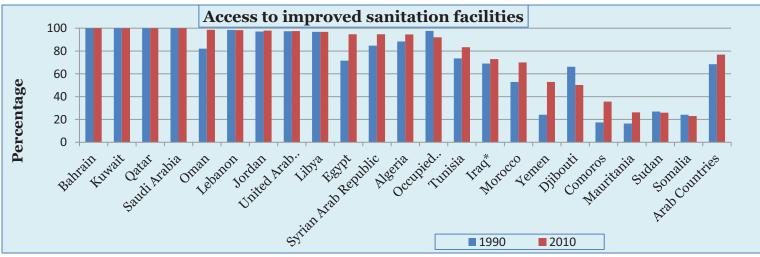






Progressed Achieved of MDGs











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

In 2009, Arab States expressed at their <u>First Meeting</u> 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

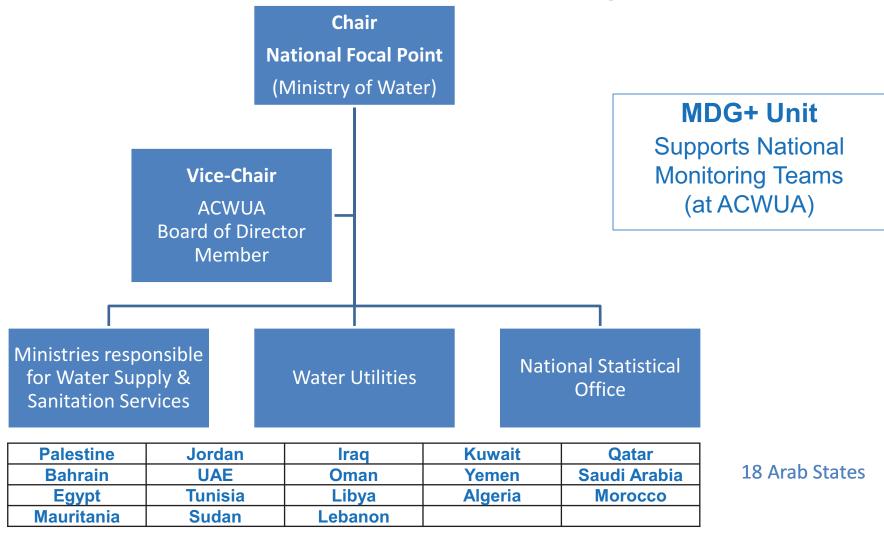
- > At the National level
 - National Monitoring Teams
- > At the Regional level
 - Arab Ministerial Water Council political coverage.
 - Advisory Board (ESCWA, ACWUA, CEDARE, RAED, AWC).
 - Data management system (MDG+ unit) ACWUA.
 - Technical and institutional support ESCWA and ACWUA.
- > Donor
 -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







National Monitoring Teams









Implementing Partners



Advisory Board Members and Contributors

Donor



Centre for Environment and Development of the Arab Region and Europe



Arab Water Council



Arab Network for Environment and Development



World Health Organization



Swedish International Development Cooperation Agency (Sida)







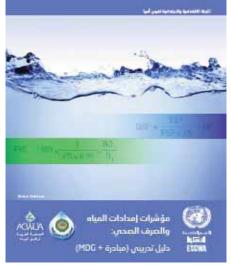
National Form

Training Tools & Technical Assistance

12 Countr

Lebanon*

Mauritania* Sudan



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

هيئة المسمة ومسالبة سيرانية (MDG+ INITIATIVE SOFTWARE FOR THE COMPUTATION OF DRINKING WATER SUPPLY AND SANITATION INDICATORS
-4	Orinking Water
	Data at Urban Areas Data at rural Areas National Data Data Table - Part 1 Data Table - Part 1 Data Table - Part 2 Data Table - Part 2 Data Table - Part 2 Data Table - Part 2
ملحق: المالا يرتامج جماعل اليباتات العسل ملحق: المالا يرتامج جماعل اليباتات العسل	Computation of the additional indicators at urban areas according to the Unified Template Computation of the additional indicators at nurban areas according to the Unified Template Computation of the additional indicators at nurban areas according to the Unified Template Form No. 2 Form No. 3 National Form
المحمى والمرف المحمى المحمد دليل تدريس (مبادرة +MDG) ESCNA	Main Menu
ountry Workshops	MDG+ INITIATIVE SOFTWARE FOR THE COMPUTATION OF DRINKING WATER SUPPLY
Qatar*	AND SANITATION INDICATORS
Bahrain*	Sanitation
Tunisia*	Data at Urban Areas Data at rural Areas National Data
UAE Egypt	Data Table - Part 1 Data Table - Part 1
Algeria*	
Oman	Data Table - Part 2 Data Tables - Part 2
Kuwait	
Saudi Arabia	Computation of the Computation of the additional indicators at additional indicators at
Morocco	urban areas according rural areas according to national level according to the Unified Template to the Unified Template

Form No. 5

Form No. 6

Back to Main Menu







النموذج الموحد المستخدم لتجميع البيانات الاضافية

إستمارة البيانات الخاصة بالمؤشرات الأساسية والإضافية لهدف الألفية المتعلق بإمدادات المياه في المناطق الحضرية												
			الدولة: [تاريخ تعبئة الإستمارة:									أولاً: بيانات عامة
				حضر:				إجمالي:		عدد السكان (X 1000 نسمة) السنة: متوسط الدخل الشهري للفرد في الحضر (\$):		
					المؤشرات					ثانياً: بيانات عن مد		
متوسط سعر	فه	نوع التعر	المنزل	بعد المصدر عن	ياد ا	نوعية الم	لإمداد	استمرارية ا	متوسط كمية الإستهلاك	عدد سكان الحضر		المياد
المتر المكعب	معيار	عدد السكان			عدد السكان معيار		عدد السكان معيار		اليومي للفرد	المعدق ميني		نوع المم
	•••	(1000 X)		(1000 X)		(1000 X)		(1000 X)	(لتَّر)	(1000 X)		
36	ي	34			و	14	i	4	1			
						15	ب	· · · · · · · · · · · · · · · · · · ·			توصيله منزلية	
		35				15	<u>د</u>	7			من شبكة إمداد	
	ك				j		د	8				
37				18		16	ھـ i	9	2			4
			۲		و		' ب	10				
				19		17	ē	11			حنفية عمومية من شبكة إمداد	
			ط		ز		د	12				مصدر محسن
	ļ			20			هـ	- 5				مصدر محس
			ح ط	21							آبار أنبوبية	
				22							آبار يدوية	
			ط	23							محمية	Į –
			ت ط	24 25							عيون محمية	
			۲	26	-						خزان (برکه)	
			ط	27							محمي لتجميع مياه الأمطار	
			د	28 29							آبار يدوية غير محمية	
			۲. ط	30 31							عيون غير محمية	مصدر غیر مُحسن
			۲ الا	32 33							مياه سطحية	
38								3			مياه الناقلات	







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 2nd Report (2013 baseline)
- 3 Twinnings between Arab Countries
- 1st report was published on May 2015
- October 2016, second report (2012 & 2013 data)
- ➢ 5 progress reports to AMWC
- > Website, Database









Available at: www.acwua.org/mdg+





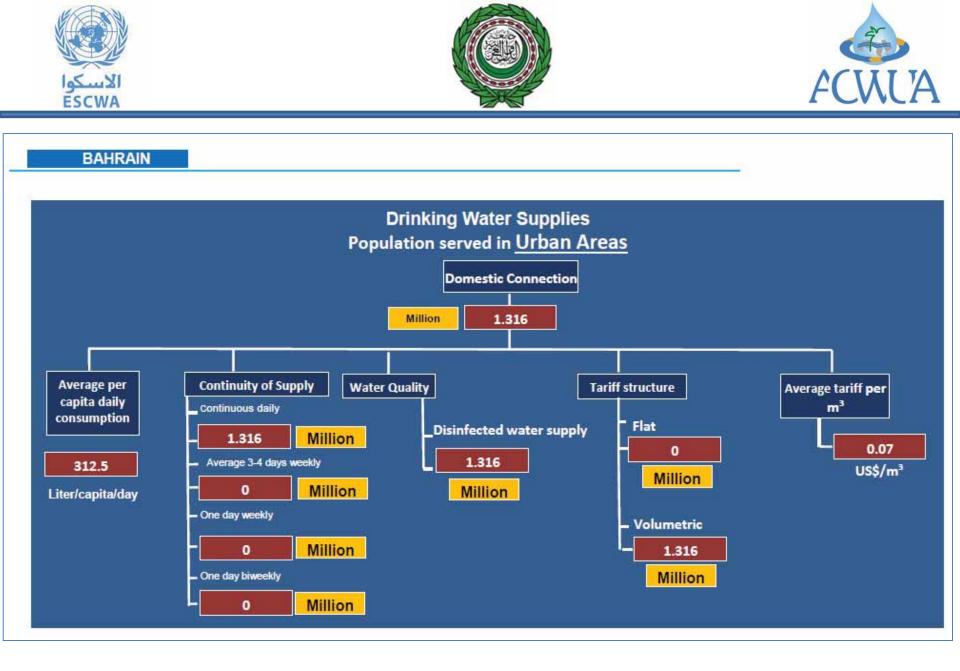


MDG+ Indicators Data Measured By Population Number Unit

General Data									
Data Year: (2012)	Total	Rural	Urban	Dopulation (x1000)					
Data Teal. (2012)	1316.5	0	1316.5	Population (x1000)					
	1010.0	0	100	Percentage (%)					
Vearly income per capita /IIS \$123.339 ·									

			Water	Supplies						
F	ublic Fauc	Population								
Total	Rural	Urban	Total	Rural	Urban	(x1000)				
o	0	0	1315.9	0	1315.9	Connected People				
0	0	o	312.5	0	312.5	Daily consumption per capita (liter/capita /day)				
			Continuit	y of Supp	6y	-				
0	0	0	1315.9	0	1315.9	Continuous daily supply service				
o	٥	o	0	o	D	Average supply service for 3-4 days/week				
o	٥	0	•	o	D	Average supply service for 1 day/week				
o	o	0	0	o	D	Average supply service for 1 day/2 weeks				
o	o	o	0	o	D	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				
o	٥	o	0	o	D	Water supply not disinfected by any of the main disinfection methods				
			Distant to	water sou	roe					
						Urban Areas				
						Less than 30 minutes				
						More than 30 minutes				
						Rural areas				
	Less than 500 meters distance									
						More than 500 meters distance				
			Tari	ff Type						
			0	0	D	Monthly fixed fees tariff				
			1315.9	0	1315.9	Variable escalating tariff				
			ye tariff valu							
0	0	0	0.07	0	0.07	U8 Ş				

Sewerage Network										
Total	Rural	Urban	Population (x1000)							
1310	O.	1310	Connected People							
1310	٥	1310	Treated wastewater							
	Tres	stment Type								
0	0	o	Primary Treatment							
0	o.	o	Secondary Treatment							
1310	o	1310	Tertiary Treatment							
A	reas of Re	use after Tr	eatment							
366.7	o	366.7	Agriculture							
0	0	o	Groundwater recharge							
o	٥	D	Domestic uses							
942.9	ō	942.9	Direct discharge to water course or sea							
0	0	0	Other uses							
0	0	o	Untreated wastewater							
0	o	o	Agriculture							
0	o	o	Underground Injection for groundwater recharge							
0	0	0	Domestic uses							
0	o	o	Direct discharge to water course or sea							
0	0	o	Other uses							
	T	ariff Type								
0	0	o	Monthly fixed fees tariff							
0	o	o	Variable escalating tariff							
Avera		lue for one	oublo meter							
0	0	0	U8 Ş							









	MDG+ Initiative Indicators – Drinking Water Population Served by Housing Connections – Rural Areas													
Avera		f Type habitanta)		Quality habitants)	Continuity of Supply (Million Inhabitants)					People s Connection	Pop Inhabita of the	Averag Consumpt	Tof (MIII	
Average tariff value for one cubic meter (UB \$)	Variable escalating tart#	Monthly fixed fees tariff	Water supply not disinfected by any of the main disinfection methods	Water supply disinfected by one of the main disinfection methods	Average supply service less than mentioned	Average supply service for 1 day/2 weeks	Average supply service for 1 day/week	Average supply service for 3-4 days/week	Continuous daily supply service	People served by housing nneotion (Million inhabitants)	Population (Million Inhabitants) as percentage of the Total population	Average per capita daily Consumption (Inters/capita/day)	Total Population (Million inhabitants)	Country
o	0	0	0	0	0	0	0	0	0	D	Number	. 0	o	Bahrain
	0	O	0	0	0	0	0	0	0	D	%			
	37.059	7.16	O	44.219	O	0.022	0.040	0.128	44.029	44.219	Number	116	48	Egypt
	77.21	14.92	0	92.12	O	0.04	0.08	0.27	91.72	92.12	%			
o	7.6538	1.176	O	8.8298	0	0	0.03798	0.16062	8.6312	8.8298	Number	334	10.528	Iraq
Ŭ	72.7	11.17	O	83.87	0	0	0.36	1.52	81.98	83.87	%	004	10.020	
o	0	0	0	0	0	0	0	0	0	D	Number	0	o	Jordan
Ŭ	0	0	0	0	0	0	0	0	0	D	%	Ĩ	Ŭ	Sordan
o	0	0	0	0	0	0	0	0	0	D	Number	o	o	Kuwalt
	0	0	0	0	0	0	0	0	0	D	%	0	Ŭ	Kuwan
0.15	D.418	0	0	0.418	0	0	0	0	0.418	0.418	Number	250	0.648	Libya
0.10	64.51	0	0	64.51	0	0	0	0	64.51	64.51	%		0.040	струа
o	0	0	0	0	0	0	0	0	0	D	Number	0	0	Oman
	Þ	0	0	0	0	0	0	0	0	D	%		U	Onnan







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 ...

Dr Jarrah AlZubi

Technical Advisor & Project Manager ACWUA Tel: +962 6 5161700 Fax: +962 6 5161800 Email: Jarrah_alzubi@acwua.org Web: www.acwua.org

