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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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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

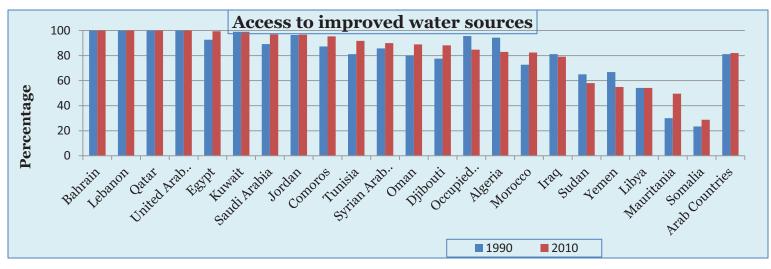
Proportion of total water resources used

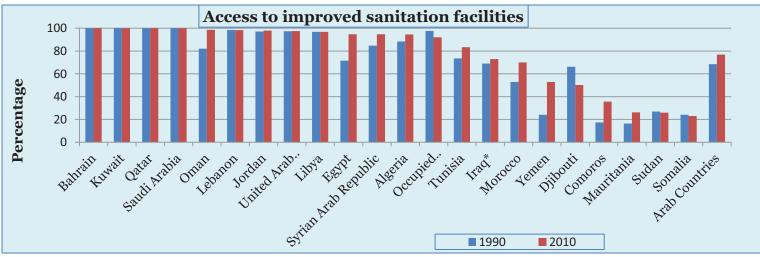






Progressed Achieved of MDGs











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

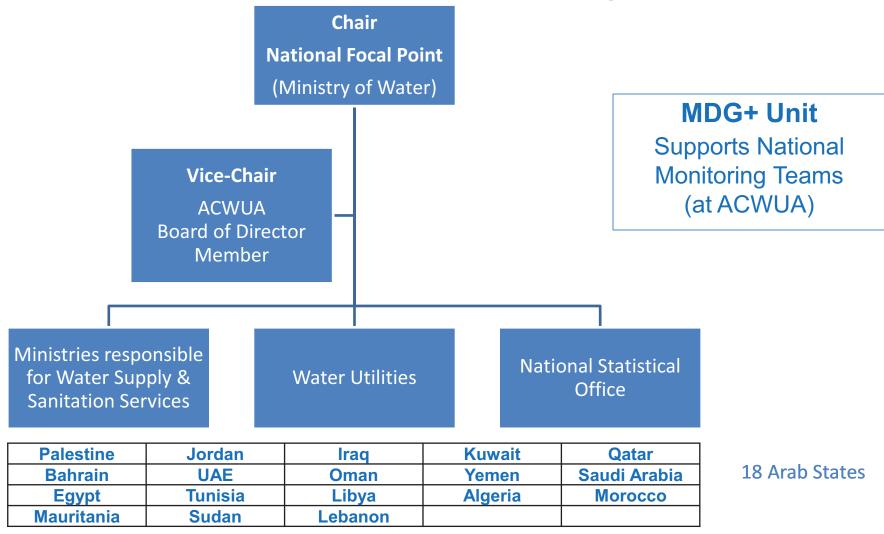
- > At the National level
 - National Monitoring Teams
- > At the Regional level
 - Arab Ministerial Water Council political coverage.
 - Advisory Board (ESCWA, ACWUA, CEDARE, RAED, AWC).
 - Data management system (MDG+ unit) ACWUA.
 - Technical and institutional support ESCWA and ACWUA.
- > Donor
 -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







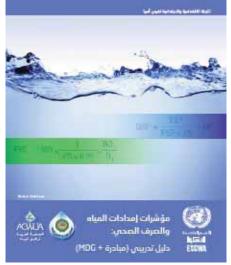
National Form

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 | | | | | | | | | | | | |
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| | | | الدولة: [تاريخ تعبئة الإستمارة: | | | | | | | | | أولاً: بيانات عامة |
| | | | | حضر: | | | | إجمالي: | | عدد السكان (X 1000 نسمة) السنة: متوسط الدخل الشهري للفرد في الحضر (\$): | | |
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| 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+





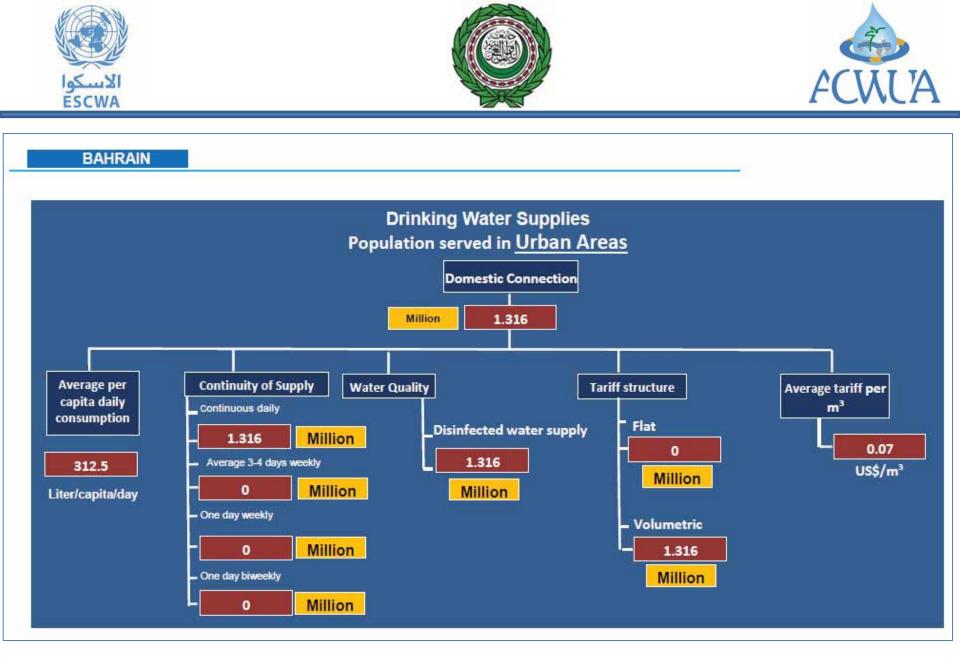


MDG+ Indicators Data Measured By Population Number Unit

| 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 ...

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