MDG+ Initiative
and the
SDGs in the Arab Region

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Intergovernmental Mandate

- Arab Ministerial Water Council established in 2009, and sought to understand access to water supply and sanitation in Arab States.

- Led to the Establishment of the Regional Mechanism for Monitoring and Reporting on Access to Water Supply and Sanitation Services in the Arab Region (MDG+ Initiative) was launched by the Arab Ministerial Water Council in 2010.

Enabling resolutions called for:
- Unified set of additional indicators to the MDG 7 indicators
- Preparation of standardized methodology, templates and reporting system

Implementation resolutions:
- Adoption of additional indicators, methodology, and data template
- Nomination of National Focal Points
- Formulation of MDG+ Initiative Country Teams
- Review and approval of annual reports.
The Regional Initiative for Establishing A Regional Mechanism for Improved Monitoring and Reporting on Access to Water Supply and Sanitation Services in the Arab Region (MDG+ Initiative)
SECOND REPORT
2016
MDG+ National Monitoring Teams

Chair
National Focal Point
(Ministry of Water)

Vice-Chair
ACWUA
Board of Director Member

Ministries responsible for Water Supply & Sanitation Services

Water Utilities

National Statistical Office

Palestine | Jordan | Iraq | Kuwait | Qatar |
Bahrain | UAE | Oman | Yemen | Saudi Arabia |
Egypt | Tunisia | Libya | Algeria | Morocco |
Mauritania | Sudan | Lebanon |

MDG+ Unit
Supports National Monitoring Teams (at ACWUA)

18 Arab States
Purpose was not only to consider access to drinking water and sanitation for hygiene, but also the **quantity, reliability, affordability, sustainability, and quality of service**. Supply, sanitation & wastewater central to consider in water scarce environments.

These concerns now reflected in the SDGs
Goal 6. Ensure availability and sustainable management of water and sanitation for all

**SDG6 Targets and Indicators**

<table>
<thead>
<tr>
<th>Targets</th>
<th>Indicators</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.1 Universal, equitable, safe, affordable Drinking Water for all</td>
<td>• 6.1.1 Population using safely managed drinking water services</td>
</tr>
<tr>
<td>6.2 Adequate, equitable Sanitation &amp; Hygiene for all</td>
<td>• 6.2.1 Population using safely managed sanitation services with soap &amp; water</td>
</tr>
<tr>
<td>6.3 Improve water quality, wastewater treatment, recycling &amp; safe reuse</td>
<td>• 6.3.1 Proportion of wastewater safely treated</td>
</tr>
<tr>
<td></td>
<td>• 6.3.2 Proportion of water bodies with good ambient water quality</td>
</tr>
<tr>
<td>6.4 Increase water-use efficiency; address water scarcity; reduce number of people suffering from water scarcity</td>
<td>• 6.4.1 Change water-use efficiency</td>
</tr>
<tr>
<td></td>
<td>• 6.4.2 Level of water stress</td>
</tr>
<tr>
<td>6.5 IWRM, including transboundary water cooperation</td>
<td>• 6.5.1 IWRM implementation level</td>
</tr>
<tr>
<td></td>
<td>• 6.5.2 Portion of basin area with operational arrangement for water cooperation</td>
</tr>
<tr>
<td>6.6 Protect &amp; restore water-related ecosystems</td>
<td>• 6.6.1 Change in the extent of water-related ecosystems over time</td>
</tr>
</tbody>
</table>

SDG6.a and SDG6.b identify means of implementation for meetings these targets

**Universal** 6.1, 6.4  **Equitable** 6.1, 6.4  **Safe** 6.1, 6.3  **Affordable** 6.1  **Adequate** 6.3, 6.4, 6.6  **Treatment & reuse**
Harmony between SDG(6.1) and MDG+ indicators

Targets
- 6.1 Universal, equitable, safe, affordable Drinking Water for all

Indicators
- 6.1.1 Population using safely managed drinking water services

Water Supply
- Average water consumption (l/cap/day)
- Continuity of supply
- Water quality
- Distance to source
- Tariff Structure
- Average water price

Additional MDG+ indicators
- Quantity
- Reliability
- Quality
- Affordability
**Harmony between SDG(6.2) and MDG+ indicators**

**Targets**
- 6.2 Adequate, equitable Sanitation & Hygiene for all

**Indicators**
- 6.2.2 Population using safely managed sanitation services with soap water

**Data Measured by population Number unit**
- Number of population connected to water system
- connected to Sewerage system
- Untreated
Harmony between SDG(6.2) and MDG+ indicators

<table>
<thead>
<tr>
<th>Public Faucet</th>
<th>Supply Network</th>
<th>Population (x1000)</th>
<th>Total</th>
<th>Rural</th>
<th>Urban</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Connected People</td>
<td>1315.9</td>
<td>0</td>
<td>1315.9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Daily consumption per capita (litr/capita/day)</td>
<td>312.5</td>
<td>0</td>
<td>312.5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Continuity of Supply</th>
<th>Total</th>
<th>Rural</th>
<th>Urban</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous daily supply service</td>
<td>1315.9</td>
<td>0</td>
<td>1315.9</td>
</tr>
<tr>
<td>Average supply service for 3-4 days/week</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Average supply service for 1 day/week</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Average supply service for 1 day/2 weeks</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Average supply service less than above</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water Quality</th>
<th>Total</th>
<th>Rural</th>
<th>Urban</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water supply disinfected by one of the main disinfection methods</td>
<td>1315.9</td>
<td>0</td>
<td>1315.9</td>
</tr>
<tr>
<td>Water supply not disinfected by any of the main disinfection methods</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

| 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 |
| | | | | | |

<table>
<thead>
<tr>
<th>Tariff Type</th>
<th>Total</th>
<th>Rural</th>
<th>Urban</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monthly fixed fees tariff</td>
<td>1315.9</td>
<td>0</td>
<td>1315.9</td>
</tr>
<tr>
<td>Variable escalating tariff</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Average tariff value for one litre meter</th>
<th>Total</th>
<th>Rural</th>
<th>Urban</th>
</tr>
</thead>
<tbody>
<tr>
<td>USD $</td>
<td>0.07</td>
<td>0.07</td>
<td>0.07</td>
</tr>
</tbody>
</table>
Harmony between SDG(6.3) and MDG+ indicators

Targets
- 6.3 Improve water quality, wastewater treatment, recycling & safe reuse

Indicators
- 6.3.1 proportion of wastewater sagely treated
- 6.3.2 proportion of water bodies with good ambient quality

Sanitation

Treated Wastewater
- Treatment type
  - Primary treatment
  - Secondary treatment
  - Tertiary treatment
- Reuse Type
  - Agricultural
  - Recharge purposes
  - Domestic use
  - Release into water course
  - Other reuse types

Untreated Wastewater
- Reuse Type
  - Agricultural
  - Recharge purposes
  - Domestic use
  - Release into water course
  - Other reuse types

Tariff structure
- Flat tariff
- Increasing tariff

Average Cost
- $/m³
- $/cap/month

Additional MDG+ indicators
- Sustainability
- Quality
Conclusion

For the successes of SDG indicators monitoring Mechanism:

1. Politic comment and support:

In Reference to the resolutions that were conducted by The Arab Water Ministerial Council in October 26th 2016:

• Accreditation the second MDG+ reports and all data included in the 2016 report prepared by ACWUA and ESCWA with cooperation Focal points and National teams

• This initiative is considered an achievement for the Arab Water Ministerial Council and considered as a prelude to future the project in monitoring system the achievement of sustainable development goals (SDGs) in the Arab region

• ACWUA shall coordinate with international organizations (ESCWA and UNEP /Regional Office for West Asia) to secure funds for monitoring the indicators of sustainable development goals, and disseminate it.

2. Monitoring mechanism:

• The importance Continuity of cooperation between ACWUA and the national teams of the MDG+ for future monitoring system the achievement SDGs in the Arab region (necessity of presenting other ministries in the nationals teams such as: Agriculture, Environmental, Energy

• Implanting training programs on monitoring mechanism fro the nationals teams on national and regional level
Conclusion

3. Continuity and sustainability:
- The importance of building on the clean database and the MDG+ Website hosted in ACWUA
Thank you!

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