

Sessions Coordinated and Organized by the Arab Water Council

1. IN THE REGIONAL PROCESS

Region: Cross-Continental Arab Countries

Target 1: *By 2020, raise water use efficiency by 10 to 15 % for meeting increasing water demand and ensuring water and food security for facing the future challenges in accordance with the available water resources and the principles of sustainable development.*

Session Title: Towards higher water use efficiency for sustainable development.

Session Date and Time: Wednesday, March 14, 2012. From 11:00 to-13:00 hrs.

Hall: PC 17- Samena > Palais des congress (level 2)

Description: The Arab countries are facing a real water scarcity. The population of the twenty two Arab countries have exceeded 350 million in 2011, representing about 5% of the world's population, living in about 9% of the area of the globe, but their water resources is less than 1% of the water resources in the world. This situation made a large number of the population of the Arab countries live under extreme water stress conditions. The average per capita share of 35% of the population of the Arab countries is already below 500 cubic meters per year. Populations in Jordan, Kuwait, and Palestine face extreme shortage of water resources. The prevailing conditions whether natural or man-made bring to the surface water use efficiency as the subscription not only for sustainability but for survival. The region has to save water in all water use sectors. Agriculture has to produce more with less water and water supply could meet demands for many years to come with the same amount used now if distribution and use of water became more efficient. If you want to be part of this challenging task please join us in this session.

Objectives

- Present and discuss the action plan
- Build consensus and confirm commitments among stakeholders
- Confirm relevance of the identified solutions

Outputs:

- Finalise the Target Action Plan
- Share promising solutions
- Work on commitments
- Enrich the report and its conclusions

Program

| <u>Time</u> | <u>Descriptions of items/presentations</u> |
|-------------|--|
| | <ul style="list-style-type: none">– <i>Chair: Dr. Mahmoud Abu-Zeid, President, AWC</i>– <i>Moderator: Dr. Raouf Darwish, Chairman, DCE</i>– <i>Reporter: Dr. Ahmad Farahat, Professor, INP</i> |
| 10 min. | Opening and General remarks <ul style="list-style-type: none">– <i>Prof. Mahmoud Abu Zaid, President AWC</i>– <i>Dr. Djamal Djaballah, Director of Environment, Housing, and Sustainable Development, LAS</i> |

| | |
|--------|---|
| 15 min | Presentation of the target objective and action plan – <i>Prof. Safwat Abdel-Dayem, Secretary General, AWC</i> |
| 15 min | Discussion and comments |
| 20 min | Summary presentation of Solutions – <i>Dr. Tarek Kotb, Head of Planning Sector, MWRI</i> – <i>Dr. Abdel-Aziz Ibrahim, Professor, INP</i> |
| 15 min | Discussion and comments of solutions |
| 30 min | Moderate Panel discussion: - <i>Eng. Maysoon Zoubi, Secretary General, Ministry of Water and Irrigation, Jordan.</i> - <i>Dr. Walid Abdulrahman, Chairman, Mlyahona, KSA</i> - <i>Prof. Abdel-Quawi Khalifa, Governor of Cairo, Egypt</i> - <i>Dr. Djamal Djaballah, Director of Environment, Housing, and Sustainable Development, LAS</i> - <i>Representative of ACSAD (TBC)</i> - <i>Representative of the Arab Fund (TBC)</i> |
| 15 min | Wrap up and announcing next steps by the Chair. |

Link to Solutions: <http://www.solutionsforwater.org/solutions?solutions-filter-priority=60&solutions-filter-target=3136>

2. IN THE THEMATIC PROCESS

Priority for Action 2.2: Contribute to Food Security by Optimal Use of Water

Target 6: ‘By 2015: develop and adopt at least two macro-regional visions optimizing water use for food security; and by 2020 develop 200 sub-regional (national, local, large area, etc) sustainable agriculture plans’

Session Title: Optimal Use of Water for Food Security: Regional Visions and Local Agricultural Plans

Session date and Time: Thursday, March 15, 2012. From 17:00 to 19:00 hrs.

Hall: PEu 2 – Europa 2 > Palais de l’Europe

Description: Over the coming decades, global change will have significant, yet highly uncertain impacts on food and water security. World-wide there is an enormous challenge to produce almost 50% more food up to 2030, and double production by 2050 to satisfy the demand of a population of just over 9 billion people. Nearly all of this population increase will occur in emerging and least developed countries. Today’s agriculture sector faces a complex series of challenges: produce more food of better quality while using less water per unit of output; provide rural people with resources and opportunities to live a healthy and productive life; apply clean technologies that ensure environmental sustainability; and contribute in a productive way to the local and national economy. If you are interested and willing to be a part of a global action oriented effort for developing and adopting regional visions and local action plans for sustainable agriculture you are invited to join

Topic session T2.2.6.

Objectives:

- Confirm the need for regional visions and local action plans for sustainable agriculture and food security.
- Agree on the approach, methodology and next steps

Outputs:

- Finalise the Target Action Plan
- Share promising solutions
- Work on commitments
- Enrich the report and its conclusions
- Agree on next steps

Program

| <u>Time</u> | <u>Descriptions of items/presentations</u> |
|-------------|---|
| | <i>Chair: Prof. Dr. Mahmoud Abu-Zeid, President (AWC)</i> <i>Moderator: Prof. Safwat Abdel-Dayem, Secretary General (AWC)</i> <i>Reporter: Dr. Mohamed Anwar, national Water Research Center (MWRI)</i> |
| 10 min. | Opening <ul style="list-style-type: none">– <i>Prof. Dr. Mahmoud Abu-Zeid, President (AWC)</i>– <i>Pasquale Steduto (FAO/TCG)</i> |
| 10 min. | Introduction to Target VI, identified solutions and commitments <ul style="list-style-type: none">– <i>Prof. Safwat Abdel-Dayem - TSG Coordinator</i> |
| 30 min. | Interactive roundtable discussions on developing regional visions and agricultural plans. |
| 30 min. | - Presenting the group discussion outcome |
| 30 min. | - Moderated high level panel discussion about issues, solutions and commitments <ul style="list-style-type: none">– <i>H.E. Dr. Hesham Kandil, Minister of Water Resources and Irrigation (Egypt)</i>– <i>H.E. Fahd Al-Attiya, Chairman, Qatar National Food Security Programme (Qatar)</i>– <i>Dr Rodney Cooke, Director, Policy and Technical Advisory Division (IFAD)</i>– <i>Dr. Thierry Facon, Senior Water Management Officer, FAO Regional Office for Asia and the Pacific, Bangkok, Thailand (FAORAP)</i>– <i>Prof. Eric Odada , Head of Marine Geology and Oceanography, Department Of Geology, University of Nairobi, Member of UNSGAB, (Kenya)</i>– <i>Sergio D. Claure, Chief of Party, Integrated Food Security Project, USAID/Bolivia Contractor (Bolivia)</i>– <i>Mr. Ch. L.N. Reddy. President, Water Users (TBC)</i> |
| 10 min. | - wrap up and closing by the Chair |

Link to Solutions:

<http://www.solutionsforwater.org/solutions?solutions-filter-priority=9&solutions-filter-target=454>

SIDE EVENT

Session Title: Living with Water Scarcity in the Arab Countries

Session date and Time: Wednesday, Wednesday, march 14, 2012. From 15:30 to 17:30 hrs

Hall: PP 2 – Athena 2 > Palais Phocéen

Description: The Arab region is one of the driest regions in the world. The gap between water availability and the ability to meet different water needs is growing. This situation represents opportunities and challenges. The Arab region seeks to lead the world in methods for adapting to water scarcity. To do so professionals, political leaders and stakeholders from 25 countries and several international, regional, and national organizations convened in Cairo on 20-23 November 2011, to identify solutions for the major three challenges to “Live with water scarcity”: (i) securing basic human needs (water, food and safe environment) for sustainable development; (ii) the risk of climate change on water, between uncertainty and cost of adaptation; and, (iii) sustainable and fair solutions for trans-boundary rivers and groundwater aquifers. This special event will share and discuss the outcome of the 2nd Arab Water Forum with the international water community and and seek feedback for further support and commitments to the identified solutions.

Objective:

- Share and disseminate the outcome of the 2nd Arab Water Forum held in Cairo, 20-23 November, 2011;
- Elaborate on the concluded solutions and commitments.
- Discuss next steps towards implementation.

Output:

- Confirmed priority action list
- Plan of Action Outline

Program:

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| 5 min | Opening Dr. Mahmoud Abu-Zeid, President (AWC) |
| 10 min | Introduction, Dr. Safwat Abdel-Dayem, Secretary General (AWC) |
| 30 min | Presentations <ul style="list-style-type: none">– Dr. Mahmoud El-Solh, Director General (ICARDA): <i>securing water, food and safe environment for sustainable development</i>– DR. Avinash Tyagi, Secretary General(ICID) : <i>Adaptation to climate change</i>– Dr. Mahmoud Abu-Zeid, President, Arab Water Council (AWC): <i>Transboundary rivers and shared aquifers.</i> |
| 40 min | High level Panel: <ul style="list-style-type: none">– H.E. Hesham Kandil; Minister of Water Resources and Irrigation, Egypt– H.E. Mousa Jamaani, Minister of Water, Jordan– H.E. Fahd Al-Attiya, Chairman, Qatar National Food Security Program, Qatar– Dr. Rodny Cooke, Director, Policy and Technical Advisory Division (PTA), IFAD– Mr. Ato Brown, Sector Manage, Middle East and North Africa, the World Bank |
| 15 min | Q&A. |
| 5 | Wrap-up by the Chair |

Link to Reports: <http://www.arabwatercouncil.org/AWF/>