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Global Water  
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Mediterranean

## Second regional workshop in the NWSAS

### Assessing the Water-Energy-Food-Ecosystems Nexus in the North-Western Sahara Aquifer System (NWSAS)

18-19 June 2019  
Hammamet, Tunisia

#### Agenda

#### DAY 1 • 18 June 2019

08.30 – 9.00

#### Registration

9.00 – 09.30

#### **OPENING SESSION**

*Mr. Dimitris Faloutsos : Partners Leader : GWP-Med, OSS, UNECE*

*Mr. Abdelouahab Smati : Ministry of Water Resources, Algeria*

*Mr. Suleiman Baruni: General Director of the General Water Resources Authority, Libya*

*Mr. Boubaker Karray: Minister of Agriculture, Hydraulic Resources and Fisheries, Tunisia*

09.30 – 10.30

#### **SESSION 1. The Nexus Approach : a possible response to NWSAS challenges**

- Nexus Dialogue: A comprehensive approach to address the challenges in the NWSAS  
*Mme Lucia de Strasser (UNECE) et M. Djamel Latrech (OSS)*
- National and Transboundary Perspective
  - *Ms. Houria Hermassi, Water Resources Department, Tunisia*
  - *Representative of Ministry of Water Resources, Algeria*
  - *Mr. Rashid El Futaisi, Representative of General Water Resources Authority, Libya*
- Process and expectations of the workshop, round table  
*Ms Sarra Touzi (GWP-Med)*

Questions and answers

10.30 – 11.30

#### **SESSION 2. Results of the quantitative analysis of resources**

Modelling the agriculture-water-energy nexus in the NWSAS

*Mr. Youssef Almulla, KTH Royal Institute of Technology, Consultant*

Questions and answers

11.30 – 12.00

#### Coffee break

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12.00 – 13.00

### **SESSION 3. Package of suggested solutions for the NWSAS**

- « Package of Solutions » proposed for the NWSAS  
*Ms Lucia de Strasser, UNECE*  
Questions and answers
- Implementation of solutions at the NWSAS level (in three parts) :  
Slowing down depletion of the groundwater resource and rationalizing water use  
*Mr. Belhassen Abdelkafi : Consultant*  
Questions and answers

13.00 – 14.00

**Lunch**

14.00 – 15.00

### **SESSION 3. Package of suggested solutions for the NWSAS (continuation)**

- Implementation of solutions at the NWSAS level (in three parts):
  1. Modernizing and increasing the value and viability of agriculture  
*Ms Farah Hamamouche & M. Amine Saidani : Consultants*
  2. Sustainable energy for water management and economic development  
*Mr. Youssef Almulla, KTH Royal Institute of Technology: Consultant*Questions and answers

15.00 – 16.00

### **SESSION 4. Feasibility and implementation of solutions**

- Governance: framework for solutions implementation  
*Ms Zaki Shubber, Consultant*
- Group discussions to review feasibility and implementation of proposed solutions

16.00 – 16.30

**Coffee break**

16.30 – 17.30

Restitution of groups works

## **DAY 2 • 19 June 2019**

09.00 – 11.00

### **SESSION 5. Regional Governance and Cooperation Benefits**

- Existing benefits of shared water cooperation - retrospective  
*Mr. Eduard Interwies : Consultant*  
Questions and answers

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- Groups discussions:
  - Discuss the benefits of cooperation on shared waters in the NWSAS
  - Identify the expected impacts and benefits of implementing Nexus solutions at the basin level
  - Discuss the possible benefits of cooperation linked to the strengthening of the consultation mechanism

Restitution of groups works

11.00 – 11.30

**Coffee break**

11.30 – 12.30

### **SESSION 6. Investments in the different sectors at regional level**

Panel discussion on ongoing initiatives and financing instruments/channels that could be useful for implementing the suggested solutions.

- Mme Nisreen Lahham : *GIZ Nexus Dialogue in MENA*
- M. Abdourahman Maki: *FAO North Africa*
- M. Ben Sassi : *Banque Africaine de Développement AfDB*

Questions and answers

12.30-13.30

**Lunch**

13.30 – 15.30

### **SESSION 7. Financing the implementation of Nexus Solutions in the NWSAS**

Group discussion to explore funding opportunities for NWSAS solutions

Restitution of Groups work

16.00 – 17.30

### **SESSION 8. Shared Vision for the NWSAS basin**

*Moderator : Mr. Dimitris Faloutsos*

17.30 – 18.00

### **CONCLUSIONS**

*Mr. Khatim Kherraz : Sahara and Sahel Observatory (OSS)*

*Ms. Annukka Lipponen United Nations Economic Commission for Europe (CEE-ONU)*

*Mr. Dimitris Faloutsos: Global Water Partnership-Mediterranean (GWP-Med)*

*Mr. Suleiman Baruni : General Director of the General Water Resources Authority, Libya*

*M. Frigui Lofti: Minister of Agriculture, Hydraulic Resources and Fisheries, Tunisia*

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