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## SCIENTIFIC Meeting: NEPAD Networks of Centre of Excellence in Water Sciences PHASE II

Place: Swiss Spirit Hotel & Suites Alisa, Accra, Ghana, 31 Oct – 4 Nov 2016

### Objectives

The phase II for the NEPAD Networks of Centres of Excellence (CoE) in Water Sciences and Technology in Africa (ACE WATER-2) is a project funded by DG DEVCO which aims at supporting the establishment of a Human Capacity Development Programme of the African Ministers' Council on Water (AMCOW) for the water sector in Africa and to expand the NEPAD initiative to the Eastern and Central African region. The project also aims at improving the regional capacity development, scientific and technical data analysis, management and sharing (web-based Atlas on Regional Water Crises and Cooperation, SDGs, Water-Energy-Food Security NEXUS assessment, etc.). The Meeting will address the Scientific component of ACEWATER2 to the Centers of Excellence, stakeholders, and partners by:

1. Introduce and share scientific and technical objectives of the ACEWATER2 project among project partners and stakeholders
2. Share valuable experiences and competences of CoE (and stakeholders) to address the design and delivery of an Atlas on Water Crisis and Cooperation (ATLAS WCC) by means of plenary and group sessions
3. Raise awareness about collaborations with other European Research Institutions (CREAF, CIRAD-IRSTEA, etc.) in the framework of supported initiatives (H2020, AU Calls, ...)
4. Discussing and outlining potential collaborations and planning implementation of foreseen activities (2016-17)



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## Agenda

Monday, 31 October 2016	
<b>09:30 - 10:30</b>	Registration of participants
<b>10:30 - 11:00</b>	<b>Coffee break</b>
<b>11:00 - 13:00</b>	<p style="text-align: center;"><b>Welcoming session</b></p> <ul style="list-style-type: none"> <li>- Opening of the Scientific Meeting by the EU: <i>Cesar CARMONA MORENO (Joint Research Centre - EU)</i></li> <li>- Words of Ministry of Water Resources, Ghana: <i>Benjamin AMPOMAH (Water Resources Commission of Ghana)</i></li> <li>- Words of Western Network of CoE : <i>Alioune KANE (Cheikh Anta Diop University - Sénégal)</i></li> <li>- Words of Southern Network of CoE : <i>Nico ELEMA (Stellenbosch University - South Africa)</i></li> <li>- Words of EU Delegation in Ghana: <i>Benoist BAZIN (EU Delegation in Ghana)</i></li> <li>- Introduction of participants (2' each)</li> </ul>
<b>13:00 - 14:00</b>	<b>Lunch</b>
<b>14:00 - 16:00</b>	<p style="text-align: center;"><b>Session 1 : INTRODUCTION TO SCIENTIFIC ACTIVITIES (Ezio CRESTAZ and Paolo RONCO - JRC)</b></p> <ul style="list-style-type: none"> <li>- Introduction to project Scientific activities (20')</li> <li>- Introduction to Scientific TOPICS (Climate Issues, WEF nexus, Groundwater, Governance and Diplomacy, Atlas on Water Crises and Cooperation_ ATLAS WCC) (30')</li> <li>- Road Map to ATLAS WCC: intro to thematic sessions and way forward (15')</li> </ul> <p style="text-align: center;"><b>Session 2: CLIMATE ISSUES (20' each)</b></p> <ul style="list-style-type: none"> <li>- Hydrologie et ressources en eau à l'échelle des petits et moyens bassins du Burkina Faso: <i>Abdoulaye DIARRA (ZiE, Burkina Faso)</i></li> <li>- IGAD-HYCOS project achievement and challenges: <i>Houmed Gaba Maki ABDOURAHMAN (IGAD-ICPAC, Kenya)</i></li> </ul>
<b>16:00 -16:30</b>	<b>Coffee break</b>



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<b>16:30 - 18:30</b>	<p style="text-align: center;"><b>Session 2: CLIMATE ISSUES (20' each)</b></p> <ul style="list-style-type: none"> <li>- Climate variability and its impact on Water Resources in Semi-Arid areas - The Case of Botswana: <u>Bhagabat Prasad PARIDA</u> (University of Botswana)</li> <li>- Promoting a Water Secured Africa through Adaptive Research and Capacity Building: <u>Geoffrey ANORNU</u> (Kwame Nkrumah University of S&amp;T, Ghana)</li> <li>- Current activities, data and potential contribution: <u>Jimmy NAMANGALE</u> (University of Malawi)</li> <li>- Redesigning water access and water information services for a better future: <u>Willem DE CLERCQ</u> (University of Stellenbosch, South Africa)</li> <li>- G-WADI platform: <u>Melody BOATENG</u> (UNESCO-IHP, Ghana)</li> </ul>
<b>Tuesday, 1 November 2016</b>	
<b>09:00 - 10:30</b>	<p><b>Wrap Up Day 1 (5')</b></p> <p style="text-align: center;"><b>Session 2: CLIMATE ISSUES (20' each)</b></p> <ul style="list-style-type: none"> <li>- The Water Information System for better knowledge and sustainable management of water resources in Central Africa Region: <u>Charles TANANIA KABOBO</u> (ECCAS, Gabon)</li> <li>- Regional water resource monitoring in West-Africa: achievements and challenges: <u>Abdou ALI</u> (Agrhyment, Niger)</li> <li>- NWRC Contribution in the Framework of ACEWATER-2 Project: <u>Samy Abdel-Fattah SAAD</u> (National Water Research Center, Egypt)</li> <li>- <b>Round table (30')</b></li> </ul>
<b>10:30 - 11:00</b>	<b>Coffee break</b>
<b>11:00 - 13:00</b>	<p style="text-align: center;"><b>Session 3: WATER-ENERGY-FOOD AFRICAN NEXUS (20' each)</b></p> <ul style="list-style-type: none"> <li>- GWP's experiences in Africa: water security, climate resilience and the WEF nexus: <u>Ruth BEUKMAN</u> (GWP-South Africa)</li> <li>- Scientific Activities - NUST: <u>Annatoria CHINYAMA</u> (National University of Science and Technology, Zimbabwe)</li> <li>- Research Activities of the Water Research Centre relevant to ACEWATER2: <u>Abdo GAMALELDIN MORTADA</u> (University of Khartoum, Sudan)</li> <li>- Water-related Research Activities at the UKZN and Potential Contribution in the ACEWATER2: <u>Aidan SENZANJE</u> (University of</li> </ul>



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	<p><i>Kwa-Zulu Natal, South Africa)</i></p> <ul style="list-style-type: none"> <li>- NUST Research Projects (2015 &amp; 2016): <u>Andrea VUSHE</u> (Namibia University of Science and Technology)</li> <li>- Climatic Vulnerability and water resources variability in West Africa: Focus on Senegal through the Senegal River basin example: <u>Alioune KANE and Fall NIANG AWA</u> (University Cheikh Anta Diop, Senegal)</li> </ul>
<b>13:00 - 14:00</b>	<b>Lunch</b>
<b>14:00 - 16:00</b>	<p style="text-align: center;"><b>Session 3: WATER-ENERGY-FOOD AFRICAN NEXUS (20' each)</b></p> <ul style="list-style-type: none"> <li>- Unlocking the potentials for multiple utilization of dams and reservoirs in Nigeria: <u>Jacob EHIOROBO</u> (University of Benin, Nigeria)</li> <li>- Impact Assessment and viability of Irrigations Schemes programmes in the Sokoto Rima Basin Development Authority , Project for Intensified Agriculture and Poverty Alleviation in Nigeria: <u>Martin O. EDUVIE</u> (National Water Resources Institute Kaduna, Nigeria)</li> <li>- Baseline IWRM Information – An Inter-Disciplinary Project Approach, <u>Aswhim SEETAL</u> (Council for Scientific and Industrial Research, South Africa)</li> <li>- Présentation de l'OMVS, <u>Aram Ngom NDIAYE</u> (OMVS, Senegal)</li> <li>- <b>Round table (30')</b></li> </ul>
<b>16:00 -16:30</b>	<b>Coffee break</b>
<b>16:30 - 18:30</b>	<p style="text-align: center;"><b>Session 4: GROUNDWATER (20' each)</b></p> <ul style="list-style-type: none"> <li>- Activities of AMCOW on groundwater: <u>Charles NGANGOUE</u> (AMCOW Secretariat, Nigeria)</li> <li>- UNESCO CHAIR in Hydrogeology as a center of excellence of Southern Africa at the forefront of capacity building, research and development of groundwater professionals: <u>Haile Arega MENGISTU</u> (University of Western Cape, South Africa)</li> <li>- Specific Interests for Water Resources Management and Development for Zambia: <u>Daniel NKHUWA</u> (University of Zambia)</li> <li>- <b>Round table (30')</b></li> </ul>
<b>20:00</b>	<b>Social dinner</b>



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## Wednesday, 2 November 2016

<b>09:00 - 10:30</b>	<p><b>Wrapp Up Day 2 (5')</b></p> <p style="text-align: center;"><b>Session 5: WATER GOVERNANCE AND DIPLOMACY (20' each)</b></p> <ul style="list-style-type: none"> <li>- IWEGA past and ongoing water-related activities in Southern Africa region and potential contribution in the framework of ACEWATER2 project: <u>Mario Paulo FALCAO</u> (IWEGA, Mozambique)</li> <li>- Activites du Centre de Coordination des Ressources en Eau de la Cedeao en Matiere de Renforcement des Capacites dans le Domaine de la Gire en Afrique de l'Ouest: <u>Janvier BAZOUN</u> (ECOWAS/WRCC, Burkina Faso)</li> <li>- Participatory methods and tools for water governance at the Joint Research Unit G-Eau: <u>Stefano FAROLFI</u> (CIRAD, G-EAU, France)</li> </ul>
<b>10:30 - 11:00</b>	<b>Coffee break</b>
<b>11:00 - 13:00</b>	<p style="text-align: center;"><b>Session 5: WATER GOVERNANCE AND DIPLOMACY</b></p> <ul style="list-style-type: none"> <li>- The BeWater Project: making society an active participant in water adaptation to global change. <u>Anabel SANCHEZ</u> (CREAF, Spain)</li> <li>- <b>Focus group (45') and plenary (45')</b> on participatory methods and governance issues : <u>Stefano FAROLFI</u> (CIRAD, G-EAU, France) and <u>Anabel SANCHEZ</u> (CREAF, Spain)</li> </ul>
<b>13:00 - 14:00</b>	<b>Lunch</b>
<b>14:00 - 16:00</b>	<p style="text-align: center;"><b>Session 6: ATLAS ON WATER CRISES AND COOPERATION</b></p> <ul style="list-style-type: none"> <li>- Building the ATLAS WCC on flag case studies: introduction by <u>Ezio CRESTAZ and Paolo RONCO</u> (JRC)</li> <li>- Building the ATLAS WCC on flag case studies : <b>regional based working groups</b> (1h 30') for Western CoEs, Southern CoEs, Central-Eastern candidate CoEs</li> </ul>
<b>16:00 -16:30</b>	<b>Coffee break</b>
<b>16:30 - 18:30</b>	<p style="text-align: center;"><b>Session 6: ATLAS ON WATER CRISES AND COOPERATION</b></p> <ul style="list-style-type: none"> <li>- Building on feedbacks: 15' per working group (1 representative per group)</li> <li>- Building the ATLAS WCC : selection of flag case studies and way forward</li> </ul>



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## Thursday, 3 November 2016

<b>09:00 - 10:30</b>	<p><b>Wrapp Up Day 3 (10')</b></p> <p><b>RECALL on Session 4: GROUNDWATER (20')</b></p> <ul style="list-style-type: none"> <li>- Shallow Groundwater Irrigation for Food Security in Northern Ghana: <i>Barry BOUBACAR (WASCAL, Burkina Faso)</i></li> </ul> <p style="text-align: center;"><b>Session 7: JOINT PROPOSALS FOR SUPPORTED INITIATIVES</b></p> <ul style="list-style-type: none"> <li>- The Horizon 2020 programme and how to prepare a competitive proposal: <i>Olga ROIG-HERRERA (CREAF, Spain)</i></li> <li>- Introduction to dynamic brokerage and presentation of the topics: <i>Olga ROIG-HERRERA (CREAF, Spain)</i></li> <li>- Best practices: the AFRIALLIANCE project: <i>Barry BOUBACAR (WASCAL, Burkina Faso)</i></li> </ul>
<b>10:30 - 11:00</b>	<b>Coffee break</b>
<b>11:00 - 13:00</b>	<p style="text-align: center;"><b>Session 7: JOINT PROPOSALS FOR SUPPORTED INITIATIVES</b></p> <ul style="list-style-type: none"> <li>- Dynamic Partnering Forum (facilitators: <i>Anabel SANCHEZ and Olga ROIG-HERRERA -CREAF, Spain; Paolo RONCO - JRC</i>)</li> </ul>
<b>13:00 - 14:00</b>	<b>Lunch</b>
<b>14:00 - 16:00</b>	<p style="text-align: center;"><b>Session Synthesis and Conclusions</b></p> <ul style="list-style-type: none"> <li>- Conclusions and way forward: <i>Cesar CARMONA MORENO (Joint Research Centre - EU)</i></li> </ul>
<b>16:00 -16:30</b>	<b>Coffee break</b>
<b>16:30 - 18:30</b>	<p style="text-align: center;"><b>Regional meetings working sessions</b></p> <ul style="list-style-type: none"> <li>- Regional meeting Western African Network – <i>Alioune KANE (Cheikh Anta Diop University - Sénégal)</i></li> <li>- Regional meeting Southern African Network – <i>Nico ELEMA (Stellenbosch University - South Africa)</i></li> </ul>
<b>18:30 - 19:00</b>	<b>End of the meeting</b>