

THEME CLIMATE

Session 1.b.3 Do not reinvent the wheel: **Many non-regret adaptation measure are already available**

Wednesday 21st March, 9h00-10h30

Room 30 (former ST8 -M Cons1)

Media-friendly title	Do not reinvent the wheel : Many non-regret adaptation measure are already available
Working title	<u>Session 1.b.3:</u> Do not reinvent the wheel : Many non-regret adaptation measure are already available
Key question	What adaptation measures have you already implemented successfully? How can we foster the implementation of existing adaptation measures that have already proven their relevance?
Media-friendly session summary (3-5 sentences)	Since the COP21, with the signing of the " Paris Pact for water resources adaptation" and after at the COP22, several initiatives and projects have emerged. Many measures are still successfully implemented in different regions of the World, but we can develop and disseminate them to facilitate their adoption by all the actors in the field. We have many efficient tools available in the water sector to adopt quickly and balance the effect of climate change but we cannot waste time!
Session description	At UNFCCC COP21 (Paris) and COP22 (Marrakech), fresh water was recognized as a full priority of the Global Climate Action Agenda: 359 organizations in 94 Countries have signed the Paris Pact for water resources adaptation in basins and commit themselves to act quickly. They identified key issues for action from capacity building, stakeholder involvement, risk, prevention, demand control to ecosystems services solutions...all are non-regret measures successfully implemented in different regions. This session will mobilize the Paris Pact signatories and organizations sharing the same approaches to show their initiatives and exchange best practices to facilitate their adoption by different actors and to mobilize energies to react quickly.

<p>Confirmed convening organization(s) and contact information (SCG members)</p>	<ol style="list-style-type: none"> 1. International Network of Basin Organizations (INBO), SCG Leader, inbo@inbo-news.org 2. Agência Nacional de Águas – ANA (Brazil), Ana Paula Fioreze, SCG member, ana.fioreze@ana.gov.br 3. Tonle Sap Basin Authority (Cambodia), SCG member, Puy Lim, Puy.Lim@ensat.fr, SCG member, 4. Pearl River Hydraulic Research Institute, Pearl River Water Resources Commission, Fan Qunfang, SCG member, 5. US Army Corps of Engineers, Will Logan, SCG member, will.logan@usace.army.mil Calvin.T.Creech@usace.army.mil
<p>Other associated organizations</p>	<ol style="list-style-type: none"> 1. CONAGUA, Mexico, M.Roberto Ramirez de la Parra, internacional@conagua.gob.mx 2. OMVS, Hamed Diane Semega, elamedidiaye@gmail.com 3. Lake Chad Basin Commission, Sanusi Imran Adullahi, cblt.lcbc@gmail.com; si.abdullahi@cblt.org 4. EPTB Seine Grand Lac, Régis Thépot, regis.thepot@seinegrandslacs.fr 5. Swiss Federal Office for the Environment, Sibylle Dina Vermont, sibylle.vermont@bafu.admin.ch 6. International association of Hydrogeologists, Bruce Misstear, bmisstear@tce.ie 7. IUCN, James Dalton, James.DALTON@iucn.org 8. H.E. Dr Pham Tuan Phan, Chief Executive Officer, Mekong River Commission (MRC) mrcs@mrcmekong.org

<p>Session outline and time allocation</p>	<p>VIDEO (5 min): The session will kick start with the projection of a video from the Citizen’s Forum to help set the scene.</p> <p>INTRODUCTION (5 min): by the moderator: Mr. Eric Tardieu, INBO Permanent Secretariat</p> <p>KEYNOTE SPEECH (10 min) : Ms. Dorina Bonetti, Matanza Riachuelo Basin Authority (ACUMAR) TBC</p> <p>PANEL (40 min : 6 speakers): by the moderator Mr. Eric Tardieu (INBO Technical Permanent Secretary) showcase of non-regret adaptation initiatives for water resources that are already available.</p> <p>Panelists are not expected to present their organizations. Instead, they are invited to reply to the questions from the moderator:</p> <ol style="list-style-type: none"> 1. What adaptation measures have you already implemented successfully? 2. How can we foster the implementation of existing adaptation measures that have already proven their relevance? <ol style="list-style-type: none"> 1. Ms. Ana Paula Fioreze, Deputy Superintendent of Operations and Critical Events, National Water Agency (ANA, Brazil) 2. Mr. Marc-André Demers, IWRM coordinator, Network of Basin Organizations of Québec (ROBVQ, Canada), 3. Ms. Fan Qunfang, Pearl River Water Resources Commission, 4. Mr. Will Veatch, Hydrologist, New Orleans District, Mississippi Valley Division, US Army Corps of Engineers (USACE, USA) 5. Ms. Mariya Babukchieva, Ministry of Environment and Water, Bulgaria 6. Mr. Stéphane Haussoulier, President of the International cooperation commission of the Artois-Picardie Basin Committee and Sustainable Development (AEAP), Vice President of the Somme Department Council in charge of local territorial development and environmental protection (France) <p>QUESTIONS AND ANSWERS (25 min)</p> <p>CONCLUSION (5 min) : by Mr. Eric Tardieu (INBO Technical Permanent Secretary)</p>
<p>Contributions received that will be included in the session (with a word or two about how they are included)</p>	<p>SCG members had applied to the online consultation and have precisely been integrated in the SCG and in the program of the session because of this contribution.</p> <p>The other, non-SCG members confirmed as panelists in the program above have all reached out to the SCG lead. They were included because their profile and intended presentation were relevant to the session.</p> <p>The session design took into account some of the applications from the</p>

	<p>online consultation, in particular the selection of the associated organizations.</p> <p>Contributions from the SCG members have been taken into account in the program above.</p>
<p>Missing stakeholders</p>	<p>This session appears to be very well complementary to the other two sessions of topic 1.b in terms of stakeholder participation.</p>
<p>Expected outcomes, impacts and follow-up linkages with events and initiatives after the Forum</p>	<p>A brief summary of key adaptation measures and initiatives contributed by participants, for potential application by others and inclusion into the COP24 and other relevant frameworks.</p> <p>Provisional outcomes include the following recommendations:</p> <ul style="list-style-type: none"> ● Support existing networks of exchange of experiences and best practices on water and adaptation to climate change, including the Global network of pilot basins working on climate change. ● Prioritize funding for non-infrastructural projects which deliver no-regret measures regardless of the scenarii. Such projects include adaptation efforts via strengthening monitoring networks and Water Information System -WIS, revising institutional and legal frameworks, improving governance (including stakeholder participation in the production of climate vulnerability assessments). ● Promote and generalize the use of Nature-Based Solutions - NBS (and the other related concepts/approach: green infrastructures, ecological engineering, Natural Water Retention Measures -NWRM) as no-regret measures delivering multiple benefits (incl. water purification, water retention -with benefits for drought and flood prevention, landscape, biodiversity), with clear advantages over grey infrastructures. NBS should become the rule rather than the exception, but of course, when necessary, a combination of Nature-based Solutions and civil engineering can be planned depending on the local specificities, in order to provide the best adaptation services. ● No-regret measures, and in particular NBS, should be included in our international, regional, national, basin and local long-term strategies and policies on climate change, risk reduction, land planning, soil and water management. ● Put in place mechanisms for monitoring and evaluation of no-regret measures (co-benefits and effectiveness). Ensure population and social acceptability, notably by the reinforcement of the involvement and the enhancement of the know-how of the local communities. ● Facilitate adequate public and private financing for no-regret measures and NBS for water adaptation.

<p>Cross-cutting questions</p>	<p>In this theme, questions addressed will be cross-cutting with that of the Themes n°4. Urban, n°5. Ecosystem, n°6 Finance and n° Governance.</p> <p>Questions:</p> <p>CAPACITY</p> <ul style="list-style-type: none"> ● How can education and capacity building for water be enhanced in your theme/topic? (capacity building programs should be carried out to promote the use of no-regret measures, including but not limited to Nature-Based Solutions - NBS) ● What is being done in your theme/topic to better link water science and technology to decision/policy making? (promotion of science-based arguments for the use of no-regret measures solutions, instead of solutions that would benefit their users in a very narrow set of scenarii) ● How do international cooperation initiatives enhance water capacity development for your theme/topic? (international cooperation initiatives can enhance capacity development on no-regret solutions via the development of a clear categorization of no-regret measures, the promotion of their financing among donors as well as project, the design and implementation of no-regret action programs) <p>SHARING</p> <ul style="list-style-type: none"> ● How to share solutions and good practices for the water-related SDG implementation and with whom? (the session will provide solutions to SDGs 6 and 13) ● How to ensure respect for cultural diversity, justice and equity in the water sector, while sharing science and traditional knowledge? (traditional/indigenous solutions of adaptation often present no-regret characteristics) <p>GOVERNANCE</p> <ul style="list-style-type: none"> ● How do you contribute to designing and implementing IWRM-wise policies/projects in your theme? (these no-regret solutions need to be implemented under the framework of basin management plans, according to the best knowledge available -including via monitoring networks, Water Information Systems and climate modeling, with the involvement of the relevant stakeholders) ● How do you foster transboundary cooperation in your theme? (management plans integrating no-regret solutions must be carried out at basin level, regardless of administrative boundaries, to make sure the location and design of these solutions are hydrologically optimal)
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