

**Marrakech Partnership for Global Climate Action (MPGCA)
COP23, Bonn, Germany**

**Water Stream Proposal for the Water Action Day
Friday, November 10, 2017**

Proposed by the content group:

- **the Global Alliances for Water and Climate (GAfWaC)**
- World Water Council (WWC),
- SIWI
- Alliance for Global Water Adaptation (AGWA),
- International Union for Conservation of Nature (IUCN),
- French Water Partnership (FWP)

Supporting Countries (tbc)

- Republic of Fiji
- Kingdom of Morocco
- Republic of France
- Republic of Poland
- Republic of Italy
- The Netherlands
- Federal Republic of Germany
- Republic of Romania
- Republic of Peru
- Kingdom of Sweden

Other partners:

- CDP
- CEO Water Mandate
- World Business Council For Sustainable Development (WBCSD)
- ICLEI
- SIAAP
- ACWA Power
- Suez
- Masdar
- United Nations Economic Commission for Europe (UNECE)
- UNESCO-International Hydrological Program (UNESCO-IHP)
- International Network of Basin Organizations (INBO)
- ARCEAU-IDF
- ARUP
- OECD
- GWP
- UN Water
- UNDP
- Deltares
- FAO

WATER ACTION DAY PROGRAM - OVERALL STRUCTURE:

- **9.00-10.00: Water Press/Media event**
- **10.00-10:30 OPENING (room 2, 300 seats, Davos style)**
- **10:30-12.00 PROGRESS OF CLIMATE AND WATER INITIATIVES (room 2, 300 seats, Davos style)**
- **12:00-13:00 LUNCH**
- **13.15-14.45 HIGH LEVEL “WATER DIALOGUE“ ON IMPROVING WATER AND CLIMATE FINANCING (Room 7, 50 seats around the table, +100 in the 2nd circle)**
- **15:00-16:30: ONE ROUND OF THREE PARALLEL SESSIONS ALL FOCUSING ON ACHIEVEMENTS AND LINKAGE OF THE GCA AND THE NDCS**

Session 1.

Water knowledge to respond
to climate uncertainty
(room 2, 300 seats, Davos style)

Session 2.

Water for urban resilience
(room 10, 150 seats)

Session 3.

Water for sustainable
agriculture and food security
(room 1, 150 seats)

- **16:45-18:15: CLOSING PLENARY: WRAP UP, PERSPECTIVES AND END OF THE WATER ACTION DAY (room 2, 300 seats, Davos style)**

WATER ACTION DAY PROGRAM - DETAILED STRUCTURE:

- **10:00-10:30: OPENING PLENARY** - *Coordinator: Water content group*

Provisional description of the session, to be improved:

High level speakers (1 Climate Champion, 2 Parties, 1 Non-Party) setting the scenes of the challenges and solutions for water actions addressing climate change building on the results of CoP22 Water Action Day and the respective Outcome Document.

Statement on how Water and Disasters relates to the Water and Climate dialogue and action, in light of the recent 2018 casualties and damage in Caribbean, Bangladesh, Mexico, Brazil, East Africa, China, USA..... with reference to the respective SDGs 11 and 13, the Sendai Framework, and the earlier recommendations by the HLPW, HELP, WEF, UNISDR to address both domains more coherently. A balance will be sought between disasters due to too much or too little water.

Report on the “water” content of the NDCs—how to assist nations in fulfilling their commitments, how to better address water and climate issues in the NDCs? How can water ensure that the NDCs meet their commitments in energy, health, agriculture, cities?

Short overview on the sessions of the day and how they are connected feeding into the closing plenary and on the objective of the Water Action Day. Highlight contributions to food security and urban development and how the results will influence the subsequent MPGCA high level roundtables.

- **10:30-12:00: PLENARY SESSION ON PROGRESS OF CLIMATE & WATER INITIATIVES**

Provisional description of the session, to be improved:

Reporting on flagship initiatives and their progress:

- Global Alliances for Water and Climate (GAfWaC), including basins (“Paris Pact”), business (BAFWAC), cities (Alliance of Megacities for Water and Climate Change) and desalination (Global Clean Water Desalination Alliance)
- #ClimatelsWater;
- The « Water for Africa » Initiative launched at CoP22 by 17 African water ministers
- The « International Network of Parliamentarians for Water» (tbc)
- Blue Book publication
- The Global Framework on Water Scarcity in Agriculture in a Changing Climate
- Youth (tbc), Nature Based Solutions Initiative (tbc)
- NDC Partnership - Report on how to support parties in fulfilling the “water” content of NDC (tbc).

Statement on the joint progress on water for climate action based on COP 22 Outcome Document for Water: What has been achieved so far and where can we further improve with the objective to use the full potential water has for achieving the climate goals.

- **12:00-13:00: LUNCH**

● **13:15-14:45 : HIGH LEVEL “WATER DIALOGUE “ ON IMPROVING WATER AND CLIMATE FINANCING**

Coordinators:

- SIWI, AGWA
- Global Alliances for Water and Adaptation to Climate Change (GAfWaC)
- World Water Council
- OECD
- United Nations Economic Commission for Europe (UNECE),
- World Bank
- The Netherlands
- Republic of Italy

Provisional description of the session theme to be improved:

Most of national, regional and local administrations have included in their plans (Nationally Determined Contributions –NDCs, National Adaptation Plan –NAPs, basin management master plans) climate actions in the water sector. These actions are both structural and non-structural measures and include for instance flood protection infrastructure, storage reservoirs, green infrastructure or development of institutional and technical capacity.

Financing such actions is possible through numerous funding mechanisms from climate funds, multilateral development banks and development cooperation partners.

While the multiple donors (Multilateral Development Banks, Bilateral banks, specific funds) have pledged to the Paris Agreement to ensure a balance between adaptation and mitigation measures. Majority of funds are presently allocated to mitigation projects. One of the issues is that project holders often lack the capacity, knowledge and resources to prepare bankable project proposals that are climate wise proof for water cooperation including at a transboundary level.

This roundtable will focus on the state of the situation, the bottlenecks, the needs and the upcoming funding opportunities. It will also present successful tools and methodologies that can unleash some climate finance for water such as the green climate bonds and the Incubation Platform of the Global Alliance for Water and Climate (GAWCIP).

Panelists from the following organizations (TBC):

- Ministry of finance, Peru
- Ministry of finance, Burkina Faso
- Ministry of finance, Brazil
- Ministry of finance, Morocco
- Ministry of finance, Columbia
- Ministry of finance, Senegal
- Ministry of finance, Ecuador
- Ministry of finance, Jordan
- Federal Ministry for the Environment, Germany (BMZ),
- Minister of Infrastructure and Environment, The Netherlands
- Ministry of Environment, Morocco
- United Nations Economic Commission for Europe (UNECE)
- Ministry of Environment, Morocco
- French Development Agency (AFD)
- French Global Environment Facility (FFEM)

- Secretariat of the Green Climate Fund (GCF)
- German Development Bank (KfW)
- African Development Bank (AfDB)
- European Investment Bank (EIB)
- European Commission Directorate General for International Cooperation and Development (EC)
- Corporacion Andina de Fomento (CAF - Development Bank of Latin America)
- Global Environment Facility (GEF)
- World Bank Group
- Asian Development Bank (ADB)
- OECD-WWC-Netherlands Roundtable on Financing
- International Office for Water (IOWater)
- WaterAid
- CEO Climate Bonds Initiative
- Lake Victoria Basin Commission
- OMVS – Organisation pour la Mise en Valeur du fleuve Sénégal
- ECOCUENCAS consortium, ...

● **15:00-16:30 ONE ROUND OF THREE PARALLEL SESSIONS ALL FOCUSING ON ACHIEVEMENTS AND LINKAGE OF THE GCA AND THE NDCS**

Each of the following three parallel sessions will have to address the cross-cutting themes of:

- Governance
- Business engagement & Innovation
- Mainstreaming Nature-Based Solutions

The sessions should adopt the following harmonized structure, stage in a dynamic fashion by a vivid moderation:

- 1 or 2 Keynote speech(es) framing the topic(s)
- 1 panel addressing priority issues, with questions of the moderator shared in advance covering the 3 themes

Session 1.

Water knowledge to respond to climate uncertainty
(room 2, 300 seats, Davos style)

Session 2.

Water for urban resilience
(room 10, 150 seats)

Session 3.

Water for sustainable agriculture and food security
(room 1, 150 seats)

Parallel Session 1. Water knowledge to respond to climate uncertainty

Coordinators:

- International Network of Basin Organizations (INBO)
- Alliance for Global Water Adaptation (AGWA),
- French Water Partnership,
- SIWI,
- OECD
- United Nations Economic Commission for Europe (UNECE),
- UNESCO,
- OMM

Provisional description of the session theme to be improved:

Climate change is water cycle changes, but there is still a great deal of uncertainty regarding the extent of hydrological cycle disruptions (e.g. increase in intensity and frequency of floods and droughts) and even more on the measures to be implemented to adapt water management to climate change.

A lack of reliable data about existing systems is an important element, as well as a sharp, global decrease in the density of monitoring networks and investment on Water Information Systems (WIS) since the 1980s.

The consequence for water and adaptation to climate change is clear: you cannot manage what you cannot measure. Moreover, effective guidance on how to work with climate uncertainty is only now reaching decision makers - how do we develop robust and flexible solutions? How can we rely on innovation but also traditional knowledge to face the growing stakes and impacts of climate manifestations? What role can the private sector provide in investment and supporting data collection and dissemination? How can multi stakeholder and multi sectorial dialogues and partnerships enable to collectively and efficiently face climate change?

This session will exchange experiences and best practices from all continents on how to develop decision support systems, modeling tools, efficient monitoring networks, databases and Water Information Systems (WIS) to support decision-making for water and adaptation to climate change. Here we could elaborate on CRIDA (Collaborative Climate Risk Informed Decision Analysis and Support) and strengthen the HLPW World Water Data Initiative.

List of main organizations to be involved (TBC):

- World Meteorological Organization (WMO)
- UNESCO
- Ministry of Water Resources, China
- European Commission Directorate General for the Environment, Secretariat of the Water Information System for Europe (WISE)
- Sahara and Sahel Observatory (OSS)
- International Commission of the Congo-Oubangui-Sangha river (CICOS), Secretariat of the African Network of Basin Organizations (ANBO) and Secretariat of the African Water Information System (AWIS)
- Ministry for an Ecological and Solidary Transition, France
- World Meteorological Organization (WMO)
- International Network of Basin Organizations (INBO)
- Euro-Mediterranean Water Information System (EMWIS)
- Research Institute for Development, Secretariat of the SWOT satellite working group on spatial hydrology
- Ministry of Environment of the Republic of Moldova or Minister of Natural Resources of Ukraine

- International Commission for the Protection of the Danube River (ICPDR)
- International Institute for Applied Systems Analysis (IIASA)
- Mexico Valley basin commission
- World Bank
- Asian Development Bank
- Deltares
- Dutch Water and Environment Ministry
- World Resources Institute (WRI), UN-Environment
- National Aeronautics and Space Administration (NASA, USA)
- OECD
- AFD
- EIB
- IWA
- Butterfly Effect and/or European Pact for Water
- UNECE
- UNDP
- French National Biodiversity Agency and SANDRE
- International Office for Water
- Parties to UNFCCC: Senegal, Morocco, France, Germany, Netherlands
- State Secretariat for Water, Hungary, leading the COP of the Water convention (1992)
- Ministry of Environment and Sustainable Development, Senegal
- Hai River Water Resources Commission, China
- Organization for the Development of the Senegal river basin (OMVS)
- Rand Water, South Africa
- Europe-INBO
- Bassin Agency of Rhône-Mediterranean-Corsica (France)
- Coalition Eau
- SIWI
- Seychelles Ambassador to the UN

Parallel Session 2. Water for urban resilience

Coordinators:

- Alliance of Megacities for Water and Climate Change
- World Business Council for Sustainable Development (WBCSD)
- SIWI/AGWA
- UNESCO-IHP
- ICLEI
- SIAAP
- Government of The Netherlands
- OECD

Provisional description of the session theme to be improved:

Resilient cities are cities that possess the necessary infrastructure, institutional set up, policy environment, human and financial resources, applied research capabilities, in order to prevent the effects of natural hazards becoming disaster and / or to prove robustness in dealing with the negative effects of an event, persevering in the face of an emergency and continuing to provide basic services to citizens despite the insurmountable challenges provoked by such an event.

Climate change has been linked directly with the increase in frequency and intensity of floods and droughts and applies pressure to the current water resources used for provision of basic services. Innovative, replicable approaches in dealing with water-related risks under climatic variability / change conditions and enhancing the resilience of cities are necessary to ensure a holistic vision of the city and involving cross-scale partnerships between multi-sectors technical, economic and social actors.

Cities also have a responsibility in preserving and protecting the environment and recognizing the important role it can have in developing a resilient approach to climate change. Cities have to consider green infrastructures, fight against leaks and recycling as a key component of their urban planning and reduce the negative impacts of releasing wastewater into the environment and especially the coast lines.

This session will highlight how cities and their hinterlands can become resilient to climate change effects and it will showcase *examples* of successfully implemented programmes/initiatives that could be replicated for the benefit of other vulnerable urbanizing centers.

The session will also present innovative actions from the private sector that made remarkable contributions to mitigation and adaptation efforts.

Here we should also elaborate a bit more on how to better acknowledge DRR-Sendai principles and expertise into the Climate Change Adaptation community and reference to be made to HABITAT III – Quito.

List of main organizations to be involved (TBC):

- UNESCO-IHP
- ARCEAU
- ICLEI
- SIAAP
- OECD
- SIWI-AGWA
- NWRM Consortium
- Rockefeller Foundation
- Deltares
- IWA
- GIZ
- World Bank
- EIB
- Seine-Normandy Water Agency
- ADB
- Arup
- 100 Resilient cities
- C40
- European Center for River Restoration (ECRR)
- Government of The Netherlands
- Manila Municipality
- Mexican Water Agency (CONAGUA),
- Special State Secretariat for Water, Greece
- Municipality of Paris, Chairmanship of C40 Cities Climate Leadership Group
- Ile-de-France region
- Adour-Garonne Water Agency (France)
- Seine Great Lakes Seine Great Lakes (France)

- Municipality of Dakar/Pikine, Senegal
- Municipality of São Paulo, Brazil
- Federal District of Brasilia - ADASA
- Municipality of Stockholm
- Nairobi City Governorship
- UNISDR
- HELP/HLPW
- High Level Panel on Water and Disasters
- Ministry of Environment of Bangladesh
- Ministry of Environment of Indonesia
- Ministry of Environment of Philippines
- Ministry of Land, Transport and Infrastructure of Japan
- UN-HABITAT
- UCLG
- BORDA

Parallel Session 3. Water for sustainable agriculture and food security

Coordinators:

- International Union for Conservation of Nature (IUCN),
- Action Against Hunger
- French Water Partnership (FWP)
- Mississippi River Cities and Town Initiative (MRCTI)
- FAO

Provisional description of the session theme to be improved:

This session will showcase exemplary water oriented projects that delivered clear results to improve water and food security nexus in a changing climate. It will cover a broad range of solutions including climate-specific modernization of large irrigation schemes, conjunctive use of surface and groundwater, ensuring new large-scale reservoirs is designed for multiple uses, improved land and soil management and dissemination of new drought and flood resistant seed varieties.

Adapted agriculture and forestry practices are of high interest by using Nature Based Solutions to build resilience and adapt to climate change impacts on soils, water and aquatic ecosystems.

It will discuss how to scale-up and replicate these actions and boost financial and operational commitments for such projects. Examples of on-the-ground work by Parties and their partners, such as the AAA coordinated by the Moroccans, will be presented and options for replication, upscaling, and investment will be discussed using policy synergies between NDCs, Sendai, SDG, and UNFCCC agendas. The Global Framework on Water Scarcity in Agriculture in a Changing Climate will also illustrate the set up to improve coherence and action between the water and agricultural areas in order to face the challenges of climate change.

A systems approach, looking at the entire food production line, will be addressed in order to identify key areas where improved water management may be applied in order to make the process more efficient and less polluting. Impacts on mitigation, from an energy saving perspective or the use of renewable energies may also be addressed.

List of main organizations to be involved (TBC):

- Food and Agriculture Organization (FAO)
- Action Against Hunger
- General Council of Food, Agriculture and Rural Areas (CGAEER), French Ministry of Agriculture
- InterAmerican Institute for Cooperation on Agriculture (IICA)
- Ministry of Agriculture and Fisheries of the Kingdom of Morocco,
- Adaptation of African Agriculture Initiative (AAA Initiative)
- German Ministry of Food and Agriculture
- WaterAid
- SIWI
- IFPRI
- A2R
- United Nations Economic Commission for Latin America and the Caribbean (ECLAC)
- IUCN
- Yellow River Conservancy Commission, China
- Moroccan Hydrographic Basin Agencies
- Basin Committee of the Valley of Mexico
- OMVS
- Nakambé Basin Agency
- RAMSAR Convention
- UNESCO
- Ministry for an Ecological and Solidary Transition
- European Investment Bank (EIB)
- ASTEE
- The Nature Conservancy
- Organisation for Economic Co-operation and Development (OECD)
- South Pole Group
- Regional Environmental Center for Central and Eastern Europe (REC)
- Ministry of Water and Sanitation, Burkina Faso
- International Climate Initiative (BMUB)
- Ministry of Environment, Kenya
- AGWA/SIWI
- Green Climate Fund
- Global Resilience Partnership
- Climate Bonds Initiative
- Arup
- TNC
- IUCN
- ICEM
- WWAP (ref. WWDR 2018 on NBS)
- IFAD
- EAT/Stockholm Resilience Center
- Nestlé

● **16:45-18:15 CLOSING PLENARY: WRAP UP, PERSPECTIVES AND END OF THE WATER ACTION DAY**

Coordinator:

- Water content group

Provisional description of the session theme to be improved:

- Presentation of key messages as outcomes of the break sessions and the high level roundtable on finance.
- Parties to UNFCCC, such as Senegal, Morocco, France, Germany, Netherlands, Poland, Fiji, Brazil, Mexico China, or Sweden ... will be invited to reflect on the outcomes of the sessions and suggest ways of moving forward and enhancing collaboration.
- Highlights from the sessions of the Water Action Day with discussions on the messages that the Water Action Day should convey to the MPGCA events closing in Bula Zone on the 14th of November.
- Outline of the outcome document that will be presented to the Champions and key upcoming actions to be undertaken.
- High level panel on commitments for climate actions in the water sector.

Notes :

- Potential intervening organization on the hot, priority topic of “knowledge for adaptation”:
- Office of the Australian Prime Minister, on the Water Data initiative and the launch of the Global Centre of Excellence on Climate Adaptation, in Bonn.
- UNGA, to speak about the work undertaken of bridging the UN agendas (esp SDG and Paris Climate) and report that SDG6 and SDG12 are the less well covered SDG’s in the UN system. It may also inspires on the linkages between freshwater, oceans in the context of Climate change.
- Positioning of COP 23 Water Action Day within the mid- and long-term process; road to COP 24 and in particular COP 25 which will have a GCA focus on SDGs 6, 7, 14 and 15.
- Presentation of key document focusing on the role of water for food security and urban resilience.
- Launch of a new Initiative on Nature Base Solutions