



Swiss proposals

Theme: Sustainable management of water and water-related ecosystems				
Selected sub-themes	Envisaged input into the Conference	Envisaged outcomes / added value of addressing the sub-theme at the Conference	Envisaged format for addressing the sub-theme	Scope / Partners
<p>Water for sustainable development: IWRM as a tool for sustainable development (e.g. food, industry, energy and ecosystems) Governance and cross-sectoral integration: National Policy Dialogue Water supply and sanitation, and health Ecosystems Economic tools (PES, water pricing) PPP Benefit sharing</p> <hr/> <p>Policies and strategies Financing Capacity building Implementation of MEAs Monitoring and assessment</p>	<p>National Policy Dialogue on integrated water resources management and Water Supply and Sanitation (NPD)</p>	<ul style="list-style-type: none"> • “Lessons learnt and good practices” • Creation of sub-regional networks 	<p>Roundtable / Panel</p>	<ul style="list-style-type: none"> • EC • UNECE • OECD • UNDP • World Bank” •

<p>Climate change: Adaptation/mitigation Impact of CC, including social (health) and economic impacts Ecosystems, Land degradation, floods, desertification, PEBLDS Water efficiency / Energy efficiency IWRM as a tool to adapt/mitigate Transboundary cooperation</p> <hr/> <p>Policies and strategies Financing Capacity building Implementation of MEAs Monitoring and assessment</p>	<ul style="list-style-type: none"> • UNECE Guidance on Water and Adaptation to Climate Change • 2nd Assessment of Transboundary Rivers, Lakes and Groundwaters in the UNECE region • Assessment of Assessment • EU White Paper “Adapting to climate change: Towards a European framework for action” • 	<ul style="list-style-type: none"> • Strategy/Action Plan/Toolkit on Water and Climate Change 2011-2021 (see Annex 1) 	<ul style="list-style-type: none"> • Plenary meeting with presentation, discussion and adoption of the strategy/action plan • Roundtable/Panel “Implementation of the Guidance on Water and Adaptation to Climate Change”: success and challenges. 	<ul style="list-style-type: none"> • UNECE Water Convention • UNECE (Espoo, Aarhus, SEA, EPR, ESD Strategy,...) • OECD (EAP Task Force) • EC • WMO • OIs • PEBLDS • Development agencies • Private sector • NGOs •
<p>Climate change: Adaptation/mitigation Impact of CC, including social (health) and economic impacts Ecosystems, Land degradation, floods, desertification, PEBLDS Water efficiency / Energy efficiency IWRM as a tool to adapt/mitigate Transboundary cooperation</p> <hr/> <p>Policies and strategies Financing Capacity building Implementation of MEAs Monitoring and assessment</p>	<p>// Sourcebook on Funding for Sustainable Forest Management</p>	<ul style="list-style-type: none"> • Sourcebook on funding IWRM and Water Supply and Sanitation (see Annex 2) 		<ul style="list-style-type: none"> • OECD ? • Donors • OIs • Development and private banks •



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International Affairs

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Swiss proposals
for outputs on the theme of management of water and water-related
ecosystems for the Ministerial Conference « Environment for Europe » of
Astana 2011
(Annexes)

Output No 1: Strategy/action plan on water and climate change 2011-2021

Climate change will result in significant impacts on our water resources with visible effects already now. Nearly all the countries in the region of the United Nations Economic Commission for Europe (UNECE) are expected to be negatively affected by impacts ranging from increased frequency and intensity of floods and droughts, worse water scarcity, intensified erosion and sedimentation, reductions in glaciers and snow cover, sea level rise, and damage to water quality and ecosystems. Moreover, climate change impacts on water resources will have cascading effects on human health and many parts of the economy and society, as various sectors directly depend on water such as agriculture, energy and hydropower, navigation, health, tourism – as does the environment

Objective:

The objective of the strategy/action plan on water and climate is to secure a coherent water management across sectors depending on water for adaptation to and mitigation of climate change, through concrete and practical actions at the national and transboundary levels

Added values (in full agreement with the reform criteria of EfE):

- Water and climate change: an emerging issue and a growing challenge for water management: through an innovative approach, unique in the world through a region, caring for its sustainable development;
- Be an excellent basis to raise the awareness in the region, shape capacity-building and education;
- Attract to Astana and get the commitment of Ministers of Environment in charge of climate change, including the one of other Ministers depending on water (health, agriculture, energy, industry, forestry) for a cross-sectoral water management;
- Promote cross-sectoral cooperation with Public-Public Partnerships but also with the private sector in Public-Private Partnerships;
- Implement the obligations under the UNFCCC, and the UNECE Water Convention;
- Include biodiversity and its ecosystem services that contribute to adaptation of and mitigation of climate change (Pan-European Biological and Landscape Diversity Strategy-PEBLDS);
- Enable the leverage of funding (personnel and finance) from national budgets/funds as well as from ODA, international financing (International Financing Institutions, GEF) and future new funds such as the Copenhagen Green Climate Fund, to support national strategies, national and transboundary projects;
- Enable reporting with quick results, with a mid term review at the next EfE Minister Conference.
- Could offer as a complement, an UNECE platform on water and climate/clearing-house linking regional initiatives, exchange of information on best practices, lessons learned, completed by a UNECE network of experts from countries and international organizations
- In addition to implementing the UNECE guide on water and adaptation to climate, EU texts, etc., there is a need for actions: i.e. for countries to analyze impact of climate change, implement adaptation strategies, have plan of actions/measures and agreements at basin level. Ministers could commit themselves to a plan of action on what, how and when this should be done, accompanying this document by a toolkit to enable countries to draft and implement national strategies on water and climate.

Drafting:

Extension of the Task Force on Water and Climate of the UNECE Water Convention

Format¹:

A short document with set of recommendations for actions, reportable in a certain timeframe, with measurable targets-indicators, with possibly countries indicating national goals/targets to report at the next EfE, with possibly tasks and responsibilities for international organizations, partners of EfE (or new ones). The format of a toolkit could be envisaged.

¹ Basis: UN documents (WMO, UNESCO) including UNECE: [Guidance on Water and Adaptation to Climate Change](#), National Policy dialogues on Water ; Environmental Performance Reviews, The second [Assessment of Transboundary Rivers, Lakes and Groundwaters](#) in the UNECE region; EU documents; OECD; etc.

Output No 2: Sourcebook on funding IWRM, Water Supply and Sanitation

Searching through hundreds of potential funding sources and ensuring that the project matches donor requirements is challenging and delays the implementation of water policies and projects. There is no database on water funding at the global, nor at the regional levels and the funding is mostly the missing link to implementation.

Objective

The objective of the sourcebook on funding IWRM, Water Supply and Sanitation is to leverage the funding to countries through accessible and complete information, enabling a well-informed matching of donors/lenders and recipients

Added values:

- The sourcebook could provide relevant and up-to-date information on the types of funding available for water management by compiling information on funding sources, policies and delivery mechanisms. Its contents could come from various sources: donor agencies and countries, UN-Water partners, international forest-related organizations and instruments, development banks, private sources, regional processes, foundations and international non-governmental organizations.
- Relevant data on funding sources could be collected by active research and by soliciting both the forest community and funding sources to provide information in a standard format.
- Could build on the model of the existing sourcebook on funding sustainable forest management (<http://www.fao.org/forestry/cpf/sourcebook/en>), including its computer program for the search of funds based on a wide spectrum of variables/criteria

Format:

A sourcebook which could be found on the web and printed as well as searched directly from the web via a multichoice questionnaire.

Organisation of work and partners:

An organisation which would have already wide data basis should head this process, accompanied by donor agencies and countries, international water-related organizations and instruments, development banks, private sources, regional processes, foundations and international non-governmental organizations.