

High-level Symposium on SDG 6 and Targets
ENSURING THAT NO ONE IS LEFT BEHIND IN ACCESS TO WATER AND SANITATION
Co-organised by UN-DESA and the Government of Tajikistan
9-11 August 2016
Dushanbe, Tajikistan

CONCEPT PAPER (as of August 4, 2016)

| | |
|--|--------------------------------|
| Title | <i>of the Thematic Session</i> |
| Technical Session 4: Increasing Water-Use Efficiency August 9 – 14:30-16:30 | |
| Organizer or co-organizers | <i>of the Thematic Session</i> |
| World Bank | |
| Background information and rationale ¹ | 2-3 paragraphs maximum |
| <p>Sustainable Development Goal (SDG) 6.4 aims at substantially increasing water-use efficiency across all sectors, ensuring sustainable withdrawals and supply of freshwater to address water scarcity and substantially reducing the number of people suffering from water scarcity by 2030. Global water demand is increasing due to population growth, economic development and urbanization trends. In some regions, the impact of these developments will be compounded by climate change, increasing relative water scarcity.</p> <p>As the potential for developing new sources of water, as recognized by the international community, diminishes, the efficient use of water is necessary to meet future demand. In the business as usual scenario, agricultural water consumption, mainly represented by highly inefficient surface irrigation (FAO 2014), is expected to increase globally by about 20% by 2050 (UN, 2014). Inefficiencies also persist in municipal water supply: estimated losses from urban water networks range from 20 to 50 percent. The session aims to highlight technical and policy solutions to increase water-use efficiency in various sectors.</p> | |
| Questions to be discussed | |
| <p>The session will bring together a panel of international experts to share experiences and case studies on improving water use efficiency in their respective sectors and regions. Given interlinkages between the water users, the discussions will be multi-sectoral in nature, and explore options for both integrated approaches and sector-specific experiences, which could be utilized in achieving the SDG6. The session will include a global overview and three thematic presentations on: (i) efficiency in urban water supply; (i) assessing agricultural water use efficiency at basin level; and (iii) the technical and economic aspects of irrigation efficiency. Discussion will largely cover three questions:</p> <ul style="list-style-type: none"> (i) Incentives Framework, (ii) Multi-sectoral Coordination, and (iii) Drivers of Technological Innovations in Water Use Efficiency | |
| Structure | |

¹ This section should include relevant data on the theme of the session.

| <i>Co-chairs</i> (Opening: 15 minutes) | <i>Moderator</i> | <i>Speakers</i> |
|--|--|--|
| Mr. Eng. Ali Ahmad Osmani, Minister for Energy and Water, Islamic Republic of Afghanistan | Aaron Salzberg, Special Coordinator for Water Resources, US Department of State | Global Overview: Findings of the WB Report “High and Dry: Climate Change, Water and the Economy” Speakers: Michael Haney, Water Practice Manager, Europe and Central Asia Region, World Bank (10 min) |
| Jennifer Sara, Global Water Acting Senior Director, World Bank | | Presentations: Efficiency in Urban Water Supply 1) Water resources, safe yields and supply to urban water centers under climate change scenarios Speaker: Sergio Arispe, Executive Director, Institute for the Sustainability of Basic Services (SENASBA) (15min) 2) Case Study of Ho Chi Minh City - Speaker: Vinh Quang Nguyen, Hanoi World Bank Office (15min) |
| <i>Rapporteur</i> | | Presentations: Irrigation water use efficiency 1) Technical and Economic Aspects of Irrigation Efficiency Speaker: Yoro Sidibe, Water Practice, World Bank (15min) 2) Irrigation Programs of the Green Morocco Plan: Towards irrigation water saving and water valuing Speaker: Mr. Abdelilah Taky, Office Regionale de la Mise en Valeur Agricole du Gharb, Morocco (15min) |
| Christina Leb, Water Practice, World Bank | | Presentation: Improving Irrigation Efficiency in the Nile Basin Speaker: Dr. Abdulkarim Seid, Head, Water Resources Management Department, Nile Basin Initiative (15min) |
| | | Open Discussion (20min) |
| Any other relevant information | | |
| Contact person <i>for the Thematic Session</i> Farzona Mukhitdinova, Consultant, World Bank E-mail: fmukhitdinova@gmail.com ; mobile: +992918977707 | | |