

**Side Event
2024 HLPF****Draft 6 June 2024****Sustainable, resilient and innovative solutions on water and energy: Reducing poverty, promoting sustainable agriculture and combating climate change****211 East 46th St.
New York
Room 401****11 July 2024
13:15 – 14:45, New York time****Draft Concept Note****Background**

Water and energy are strongly interlinked, with their interrelation exerting profound implications on several critical global goals, including poverty reduction, sustainable agriculture, and climate change mitigation and adaptation. Access to clean water and reliable energy is essential for poverty reduction, as it enables economic activities, improves living standards, and enhances health outcomes, especially in impoverished communities. Sustainable agriculture, reliant on adequate water resources and energy inputs, plays a pivotal role in achieving food security and rural development. Water is indispensable for irrigation, livestock watering, and food processing, while energy powers agricultural machinery, processing facilities, and transportation networks. However, the inappropriate management of water resources and the reliance on fossil fuels for energy production contribute to environmental degradation and exacerbate climate change, posing significant challenges to sustainable development. Thus, addressing the water-energy nexus is paramount for achieving climate change goals, as it involves transitioning to renewable energy sources, improving energy efficiency, and implementing water-saving technologies. Integrated approaches to water and energy management are essential for achieving synergies across these interconnected goals, fostering resilience, and ensuring equitable access to resources for present and future generations.

The Division for Sustainable Development Goals of UN DESA is conducting a number of initiatives and events designed to support the integrated implementation of water and energy. One of these initiatives is the Global Sustainable Water and Energy Solutions Network created in 2018 (<https://www.un.org/en/waterenergynetwork>). The Network aims towards a world where there is an equitable and sustainable use and management of water and energy resources for all, in support

of human prosperity, ecosystem integrity and climate change objectives, under the umbrella of the 2030 Agenda for Sustainable Development.

The 2024 High-level Political Forum offers a unique platform to assess the potential for this transformative pathway on water (SDG6) and energy (SDG7) and for scaled-up actions supporting poverty eradication (SDG1), sustainable agriculture (SDG2) and climate change mitigation and adaptation (SDG13). This capacity development side event of the 2024 HLPF, organized by UN DESA in cooperation with members of this Network, will bring together multi-stakeholders to discuss and showcase existing initiatives and disseminate information on integrated water and energy solutions.

Objective

The objective of this event is to provide an opportunity for the exchange and dissemination of knowledge and experiences on integrated water and energy solutions supporting poverty reduction, sustainable agriculture, and climate change mitigation and adaptation. The event supports the objectives of the Global Network on Sustainable Water and Energy Solutions and will bring together multi-stakeholders to discuss and showcase existing initiatives on effective solutions addressing the water-energy nexus in different world regions.

Participants

The event will include expert panelists from countries covering major world regions. Participants will include representatives from Member States and from public, private, and non-profit organizations, as well as international organizations and practitioners involved and interested in sustainable water and energy solutions supporting poverty reduction, sustainable agriculture and climate change mitigation and adaptation.

Location and Time

This event will be held **in person** at 211 East 46th Street (between 2nd and 3rd Avenue), New York City on 11 July 2024 from 13:15 – 14:45 (New York Time).