



UNITED NATIONS  
DEPARTMENT OF ECONOMIC  
AND SOCIAL AFFAIRS



UNDESA - Itaipu Binacional  
SUSTAINABLE  
**WATER &  
ENERGY**  
PARTNERSHIP



## COP 24 Side Event

### “Sustainable water and energy solutions as integrated response to climate change”

**Date and Time:** Wednesday, 5 December 2018, 9:30- 11:00

**Location:** Room Pomorze Climate Action 1 Pavilion A, MCK Theater, Katowice, Poland

#### Background

The Paris Agreement calls us to act in order to maintain the temperature of the earth in safe limits. Meanwhile, the 2030 Agenda is committed to end poverty and improve life quality by promoting inclusive and prosper societies. Such challenges must be faced with a holistic approach. Water and energy play a central role in achieving this goal, as they are essential for our daily life and the basis of most productive systems.

Water is transformed into energy and energy is used for water supply, irrigation and effluent treatment. The growing demand for these resources and the inappropriate use of water and energy generates conflicts that are exacerbated by climate change. The hydroelectric sector is in the center of this discussion and acts to find climate-friendly solutions for water and energy.

COP 24 theme’s “Changing Together” proposes a new business model to achieve the Paris agreement and the 2030 Agenda. Tools given by technology improve efficiency in the use of water and energy. Conservation actions and restoration of nature are keys to ensure carbon capture and water availability. Establishing partnerships is an important step to achieve a just and solidary transition to this new future.

The DESA and Itaipu Partnership “Sustainable Solutions for Water and Energy” seeks to promote a dialogue between water (SDG 6) and energy (SDG 7) and their interlinkages, such as climate change (SDG 13). The purpose of the partnership is to accelerate progress towards the active implementation of the 2030 Agenda for Sustainable Development.

#### Summary

This event will show how companies and governments understand the interrelationships between water (SDG 6), energy (SDG 7) and climate change (SDG 13). Panelist will discuss the risks generated by climate change in the water-energy sector. They will share policies, business models and programs with an integrated approach to water and energy as adaptation and mitigation strategies to climate change. They will comment about which technologies and good practices are



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necessary to implement for the 2030 Agenda and the Paris Agreement at different levels.

### **Moderator**

Moderator:

Ms. Isabel Raya, Division for Sustainable Development Goals, United Nations  
Department of Economic and Social Affairs

### **High-level remarks**

- Mr. Liu Zhenmin, Under-Secretary-General for Economic and Social Affairs of United Nations
- Ms. Monica Perez Santos, Financial Director, ITAIPU, Paraguay
- Mr. Mario Antônio Cecato, Executive Financial Director, ITAIPU, Brazil
- Ms. Teresa Solana Méndez de Vigo, Coordinator of the International Division Office of Climate Change, Ministry of Ecological Transition, Spain

### **Closing remarks:**

- Ms. Patricia Espinosa, Executive Secretary of the United Nations Framework Convention on Climate Change (UNFCCC)

### **Important Information**

- Total time of the side event: 90 minutes
- Proposed time for each presentation: 10 minutes
- Presentations can be submitted in PPT or PDF format
- Simultaneous translation available: English – Spanish- Portuguese