

**UNFCCC COP 24  
Katowice, Poland**

**Concept Note  
Cross-cutting roundtable: Land Use, Water and Energy**

Marrakech Partnership for Global Climate Action

Monday, 10 December 2018  
15:00 – 16:30

Organised by

Alliance for Global Water Adaptation (AGWA)  
Food and Agriculture Organization of the United Nations (FAO)  
Global Alliances for Water and Climate (GfWaC)  
International Chambers of Commerce  
International Energy Agency (IEA)  
International Renewable Energy Agency (IRENA)  
International Union for Conservation of Nature (IUCN)  
Stockholm International Water Institute (SIWI)  
SUEZ  
United Nations Development Programme (UNDP)  
World Business Council for Sustainable Development (WBCSD)  
World Water Council (WWC)

## ***MPGCA: Unlocking resilience using coherent land-energy-water approaches to adaptation & mitigation***

### ***Description***

A dynamic discussion to identify and understand the trade-offs required for the sustainable management of energy, land use and water to meet mitigation and adaptation goals. Including identifying the potential synergies and co-benefits when managed in a more integrated, robust and flexible manner.

### ***Overall Narrative/Background***

Climate change presents us with deep uncertainty regarding the medium to long-term climate future. Achieving the objectives of the Paris Agreement requires a fundamental transformation of the ways in which we manage natural systems for sustainable human development and economic growth over time. In our efforts to curb GHG emissions and adapt to changing climate patterns and conditions, we must also acknowledge and weigh the trade-offs between mitigation and adaptation activities to avoid negative impacts and maximize synergies regarding the use of natural resources for domestic, industrial and agricultural purposes.

To date, however, there is little cross-sectoral coherence in the management of these linked systems; as a result, the many potential co-benefits across and beyond these sectors are not being fully realized. As we move into the implementation phase of Paris, it is urgent that we genuinely consider these interlinkages in national policies and plans. Initial NDCs give little indication that attention is being paid to the important interlinkages between these issue areas, as well as their connection to related sustainable development and disaster risk reduction (DRR) targets. By taking a risk- and opportunity-based approach, it is possible to achieve co-benefits that span multiple sectors and targets for sustainable development (SDGs), climate change (Paris Agreement), and DRR (Sendai Framework).

This roundtable discussion will feature a conversation between experts highlighting the co-benefits of integrated approaches to land, water and energy management (for instance, through distributed renewable energy, landscape approaches and nature based solutions, climate-smart agriculture, circular management of natural resources, management of soil health for water and carbon, and energy efficiency) that can serve as best practices for Parties looking to strengthen their NDCs and accelerate action ahead of 2020 and beyond.

## ***Objective of the event:***

### ***Impacts and progress made in 2018***

Due to increased information sharing and exchange with Parties and stakeholders such as at events like this Round Table and at national level, there is an increased awareness of opportunities which could result in:

1. Enhanced revision and initial implementation of NDCs that maximize the medium and long-term resilience of land and water for sustainable and low-carbon food, commodity and energy production, while sustainably protecting natural ecosystems.
2. In the next round of NDCs (post-2020), demonstrate integrated approaches to meeting resilient mitigation, adaptation and other social and environmental goals that can be disseminated and scaled.

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