

**Organised by:** World Intellectual Property Organization

**Session Type:** Panel Discussions

## Session Title

Innovation in Sustainable Energy Technologies: Responding to Climate Change Mitigation & Adaptation

## Session Description

COP28 concluded with a landmark agreement signaling the beginning of a rapid energy transition. The world's first global stocktake called on countries to accelerate the shift away from fossil fuels, aiming to limit global warming to 1.5°C. Key strategies include tripling renewable energy capacity, doubling energy efficiency, phasing down coal, and eliminating fossil fuel subsidies. Beyond renewables, technologies such as energy storage systems and smart grids are vital to this progress, and advances have been made for enabling electrification in end-use sectors, such as through heat pumps, private and public electric transport, vehicle-to-grid technology and steel electrification. That said, technology alone cannot solve climate change, nor can it be seen as quick fix. But it can provide solutions that together with other initiatives, policies, instruments, projects, programs and new ways to live, work, produce and consume may bring about the increasingly urgent changes needed. In this panel, we will hear from industry, experts, and international organizations to gain insights into the path forward. The topic is relevant to the theme of the day since we will focus on cities, which links to urbanization and transport. Further, while the focus is on innovation, we would also make linkages to trade and industrial policy. Expected outcomes: Strengthening synergies between innovation, sustainability enhancing and supporting economic policies, and energy security.

## Proposed Speakers and Moderator

Opening:

- Edward Kwakwa, Assistant Director General, Global Challenges and Partnerships Sector, WIPO

Names of Moderator and Speakers:

- Peter Oksen, Green Technology and Research Manager, WIPO GREEN (Moderator)
- Heather Jacobs, Green Technology Specialist, WIPO GREEN
- Carol Amollo, Director of Corporate Affairs, Burn (Kenya)
- Petter Østbø, CEO, Atlas Agro (Switzerland)
- Sarah Collins, Founder, Wonderbag (South Africa)
- Representative, Schneider Electric (tbc)
- Representative, LiFi-LED (Côte d'Ivoire) (tbc)