

WORLD ENERGY CAFÉ

Climate Change & Resilience

November 2024



Main Takeaways

The World Energy Café session specifically focused on exploring challenges and solutions related to climate change and energy resilience. It brought together panelists from Brazil, Poland, Colombia, South Africa, Spain, and the United States, offering diverse perspectives on the impacts of climate change on the energy sector, risks to energy infrastructure, and strategies to ensure long-term energy security.

01 Water Scarcity and Energy Production:

A significant concern across multiple regions is the interdependence of water and energy. Panellists emphasized that water scarcity directly impacts energy production, particularly in regions reliant on hydroelectric power. This issue was particularly underscored by representatives from Poland and South Africa.

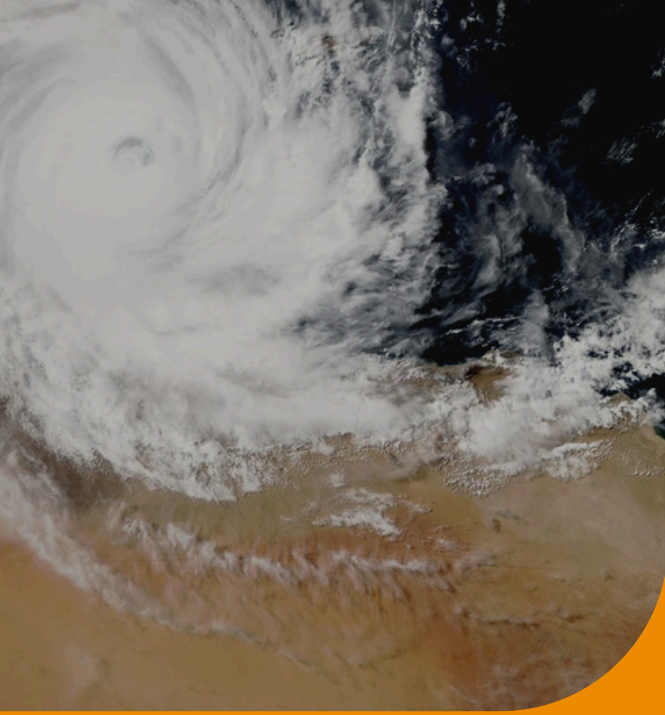
02 Diverse Energy Mix and Resilience:

There is a consensus on the need to diversify energy sources to enhance resilience against supply disruptions. This includes integrating renewable energy sources (solar, wind, hydro) alongside traditional energy sources (natural gas, nuclear) to ensure a stable and secure energy supply.

03 Infrastructure Investment:

The importance of investing in modernizing and maintaining energy infrastructure was a recurring theme. Many panellists stressed the need for investments in smart grid technologies, energy storage solutions, and infrastructure to withstand extreme weather events.





05 Community Engagement and Energy Equity:

There is a shared recognition of the need to address energy poverty and ensure that vulnerable communities are included in the energy transition. Community-owned energy projects and microgrids were suggested as ways to empower local populations and enhance energy access.



04 Policy Frameworks and Regulatory Environment:

The need for swift and effective policy adaptations was highlighted. Panellists discussed the importance of creating regulatory environments that facilitate the transition to renewable energy and promote investment in new technologies without overburdening consumers.

06 Collaboration and Knowledge Sharing:

The discussion underscored the value of collaboration among countries and sectors. Sharing best practices, technological innovations, and lessons learned across different regions can enhance resilience and facilitate the energy transition.

07 Financing and Investment Strategies:

There is alignment on the necessity of developing innovative financing mechanisms. Panellists discussed various funding approaches, including public-private partnerships, customer fees, taxes, and market-based solutions to finance necessary infrastructure and technological advancements.

Meet the speakers



Adriano Correia,
Partner & Leader of
Energy of PwC
BRAZIL



Tomasz Wojtczak,
President of the
Board Amiblu
POLAND



Juan Benavides,
Associate Researcher at
Fedesarrollo
COLOMBIA



Luiz Carlos Ciocchi,
Former National
Electric Coordinator
BRAZIL



Rao Konidena,
President at Rakon
Energy
UNITED STATES



Bridgette Setshedi,
Presidential Climate
Commission
SOUTH AFRICA



Pedro Palencia,
Director of Institutional
Relations at Sedigas
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