

Committee Name: UNDP

Topic: Production of Sustainable Biomass Energy

Country: Israel

Delegate: Alara Arslan

Representing the State of Israel in the distinguished UNDP committee is truly an honor, and I am eager to illuminate our nation's dedication to sustainable energy.

As for examples of our work regarding our topic that we hope will enlighten the distinguished delegates, in the Negev Desert, Israel has pioneered solar energy with the Ashalim Solar Thermal Power Station, ensuring continuous electricity generation even under adverse conditions.

Collaborating with innovative startups and esteemed research institutions, Israel leads in developing advanced photovoltaic technologies and concentrating solar power systems, showcasing our commitment to pushing the boundaries of renewable energy efficiency.

Acknowledging the importance of diversification, our wind farms in the Golan Heights and Galilee region contribute to a resilient and varied energy portfolio.

Comprehensively addressing energy efficiency, the Israeli government promotes sustainable practices in building design, appliances, and industrial processes, reducing overall energy consumption.

Given our nation's water scarcity, Israel strategically addresses the water-energy nexus by utilizing renewable energy for desalination, achieving sustainable water management, and simultaneously reducing environmental impact and energy costs.

Israel actively engages in international collaborations, sharing knowledge and resources to foster a global approach in addressing energy challenges, contributing to the collective efforts within the UNDP committee.

The Israeli government has implemented supportive policies and regulatory frameworks, encouraging private investment in renewable energy projects through mechanisms like feed-in tariffs. These initiatives play a pivotal role in propelling the growth of our renewable energy sector.

In conclusion, Israel maintains a steadfast commitment to a sustainable energy future. Through technological innovation, national initiatives, global collaborations, and supportive policies, we actively contribute to the ongoing discourse within the UNDP committee.