



2ND MENA IAEE Symposium
5TH Annual Derasat Forum

>>> Call for Papers

2ND MENA IAEE Symposium - 5TH Annual Derasat Forum The Impact of Energy Transition in the MENA Region Kingdom of Bahrain 2-3 March 2022

Derasat is pleased to host the second Middle East IAEE Symposium in association with its annual forum in Bahrain during 2-3 March 2022.



Submission details:

- ❁ Deadline for submission of the abstract: **November 15th 2021.**
- ❁ Email for submitting abstract and correspondence: **forum2022@derasat.org.bh**
- ❁ Notification of status of abstract submission will be by **December 20th 2021.**



Forum Overview

The launch of the sustainable development goals (SDGs) in 2015 has institutionalized the focus toward greener energy. The Covid19- pandemic has had a multifaceted effect on the transition toward cleaner energy. It caused unprecedented economic stress and has contributed to a breakdown in multilateral cooperation, both of which have been unfavorable for green energy. However, the pandemic created an opportunity to reconfigure the political economy of energy investments including in renewable energy.

The MENA region is playing a central and multidimensional role in the prevailing energy transition. For several decades, it has been a major source of global energy, while its oil and gas exports have enabled many of these countries to realize high living standards. The countries of the region whether exporters or importers of hydrocarbon resources face the challenges associated with energy transition, namely diversifying their economies and energy mix away from dependence on fossil fuels. The demographic challenge, water scarcity and low

energy efficiency compound the challenges facing the region.

It is timely to analyze in depth the challenges facing the region in the emerging energy transition. The impact of energy on MENA societies extends well beyond the technical and economic domains. The region's location and its endowments with energy resources, be they hydrocarbons or renewables potentials adds to its geo-strategic importance. As global energy demand evolve as part of the transition to greener sources, so too will the nature of interactions between the region and the rest of the world. This forum seeks to shed light on these issues from the perspective of policymakers, businesses, and the research community.



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The following non-exhaustive issues can be addressed

- 1 Advancing green energy in the MENA region**
 - ❖ Fiscal and regulatory support given to green energy in the MENA region
 - ❖ Shifts in regional energy mix resulting from support that is favorable to green energy
 - ❖ Cost / Benefit analysis for green energy
 - ❖ Effects of global competition for green energy projects
- 2 MENA region as a technological leader in green energy and the circular carbon economy (CCE)**
 - ❖ MENA region's contribution to green energy and CCE research and development, including hydrogen
 - ❖ Role of artificial intelligence technologies in the transition to green energy in the MENA region
 - ❖ Barriers to the MENA region making a larger contribution to green energy projects
 - ❖ Policies to encourage private research and development expenditures
- 3 Green energy as an enabler of economic development in the MENA region**
 - ❖ Competitively producing and/or procuring green energy in MENA
 - ❖ Role of international electrical grid integration in decreasing the cost of green energy imports
 - ❖ Access to green energy in MENA region countries with limited electricity infrastructure
 - ❖ How to optimally price green energy as part of an integrated economic development strategy in MENA
- 4 Fossil fuels in the sustainability era**
 - ❖ Global changes in energy demand patterns
 - ❖ Using traditional fuels in a sustainable manner
 - ❖ Viability of fossil fuels in the second half of the 21st century