

This abstract will be presented during LNG2023 conference on 10-13 July in Vancouver, Canada among many other innovative projects, ideas and outlooks. LNG2023 will provide a unique platform for the global LNG industry and key stakeholders to discuss, debate, and showcase the latest industry developments and opportunities.



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ROLE OF LNG IN ENERGY TRANSITION IN EMERGING MARKETS

Energy transition efforts across the world in all the sectors are intensifying resulting in higher focus on renewables as opposed to fossil fuels. Even so, ADI Analytics' modeling has shown that even in the most aggressive and rapid energy transition scenarios, natural gas will contribute to as much as 15% to 20% of the global energy mix in 2050. LNG's role is well known in cutting down greenhouse gas emissions by displacing coal for power generation, replacing marine fuel and diesel in shipping and transportation, and other small-scale applications.

ADI Analytics has worked extensively in assessing the role of LNG in energy transition in emerging markets such as Southeast Asia and Central and Eastern Europe. While decarbonization is the leading driver for LNG demand growth in these markets, other factors such as regulatory push to displace coal, low or depleting indigenous natural gas resources, lack of access to pipelines, and energy security are also driving LNG demand in these areas.

This paper will summarize ADI's findings on large-scale applications such as gas-to-power and small-scale applications such as back-up power and fuel for shipping and trucking in emerging markets including cost-competitiveness of LNG with incumbent fuels in these markets.

To view the full conference agenda, visit <https://www.lng2023.org/lng-programme-overview>