

The UAE & US: Leaders and Partners in the Future of Energy

Building on five decades of essential cooperation and backed by a likeminded policy approach to an “all of the above” diversification strategy, the UAE and US partnership is designed to meet the energy demands of the future.

The exponential growth of Artificial Intelligence is changing the pace of the global energy transformation. Global power demand is projected to grow up from 9,000 GW today to as high as 35,000 GW in 2025 – an increase of 250 percent. No single source of energy can meet this unprecedented demand.

The UAE is rising to the challenge. Together with its US partners, the UAE is facilitating investments and innovations to make energy systems more secure, reliable, affordable, and prosperous.



President of the UAE HH Sheikh Mohammed bin Zayed Al Nahyan meets with US President Donald Trump to discuss shared goals between the UAE and US.

As one of the world’s largest energy suppliers and sovereign investors, the UAE has taken aggressive action to diversify the UAE energy mix and economy. Currently, the UAE’s energy systems are a mix of traditional and alternative energy sources, with nuclear energy producing around 25% of the UAE’s electricity needs and oil and gas exports accounting for 30% of the country’s economy. The UAE’s forward-looking strategy is focused on building resilient pathways for new industries, new jobs, and long-term sustainable economic growth.

Cooperation with the United States is central to the UAE’s energy plan. The UAE-US energy partnership forms a significant component of the UAE’s overall \$1 trillion investment in the United States. UAE investments in the energy sector directly benefit communities across the United States by creating jobs, boosting local economies, and enhancing security.

Backed by an understanding that energy and sustainability are essential to unlock growth, drive prosperity, and unleash unprecedented economic opportunity, the UAE and US are also spearheading solutions to the world’s most pressing environmental issues.



Energy Transformation



Food Security



Water Scarcity



Environmental Preservation



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UAE-US Bilateral Investments & Projects



Bill Gates, co-founder of Microsoft and chairman of the Bill & Melinda Gates Foundation, and HE Mariam Almheiri, head of International Affairs at the UAE Presidential Court, announce new AIM for Scale AI in farming initiative.

In partnership with the private sector, the UAE and US are investing in energy transformation, agricultural innovation, and global water initiatives.



UAE and US investments in AI are driving efficiencies across the energy sector. The Abu Dhabi National Oil Company (ADNOC) and Microsoft, in collaboration with G42, are building sustainable data centers.



UAE investments are fueling the growth of US companies, including ADNOC's acquired stakes in NextDecade's Rio Grande LNG and in ExxonMobil's Baytown Hydrogen project and Masdar's acquired stake in Terra-Gen.



AIM for Scale, launched at COP28 by the UAE and the Gates Foundation, is working with the private sector to scale agricultural innovations to enhance productivity and resilience for millions of farmers worldwide.



During the World Governments Summit 2025 in Dubai, the Mohamed bin Zayed Water Initiative and the World Bank signed a Memorandum of Understanding (MoU) to accelerate innovation and investment to address water scarcity and strengthen global water security.



ADNOC and Exxon's strategic partnership will build the world's largest low-carbon hydrogen facility.



Governor of Alaska Governor Dunleavy speaks at the World Future Energy Summit in Abu Dhabi about energy innovation opportunities between the UAE and US.

Ambassador Yousef Al Otaiba

The UAE and US are forging a new era of energy and sustainability cooperation that unlocks growth, drives prosperity, ensures security, and unleashes unprecedented economic opportunity.



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For more information about UAE-US energy partnerships visit:
<https://www.uae-embassy.org/uae-us-cooperation/energy-prosperity>