

Energy Transition Dialogues

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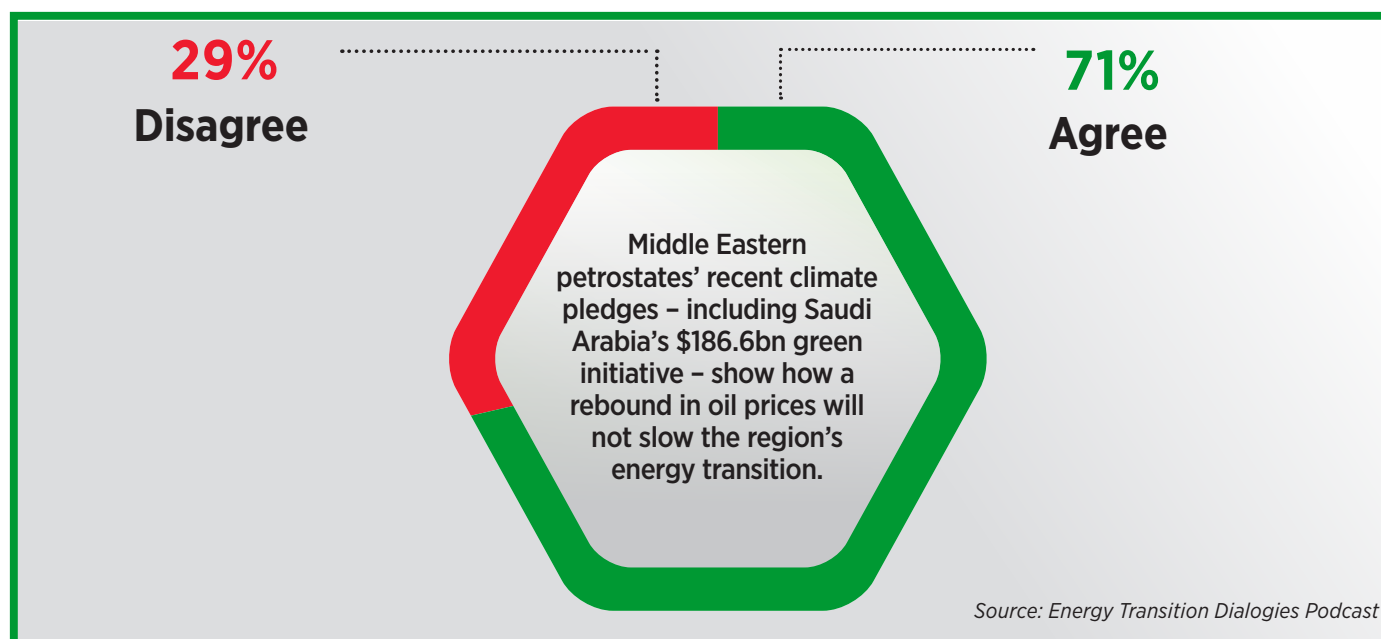
TOP 10 DAILY NEWS DIGEST

- 1. Gulf Nations Take the Lead on Future Green Energy**
- 2. Masdar Taps French Connections in UAE Hydrogen Push**
- 3. Saudi Will Lead the Green Energy Tech**
- 4. Role of National Oil Companies in Energy Transition**
- 5. The World Isn't Ready for Climate-Change-Driven Inflation**
- 6. New Tech Could Cut Carbon Capture Energy Use By 70%**
- 7. Spiking Energy Prices Complicate the Fight Against Global Warming**
- 8. 3 Things to Know About Energy Transition**
- 9. The Green H2 Revolution Is Sweeping EU and Asia**
- 10. Nuclear Power, Natural Gas Secure EU Backing As 'Green' Investments**

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Dr. Satyam Priyadarshy
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Scale Up Technologies Ahead of COP27 To Address Climate Change

The 'operational' technologies – i.e., the energy-producing technologies in solar, oil or gas – and 'optimizing' technologies – e.g., AI, data-driven innovation, augmented or virtual reality to reduce the carbon footprint – must be put at scale to be beneficial ahead of COP27. If we use these technologies at scale, we can automate, optimize, and innovate continuously. That can help us reach the net-zero targets, maybe even before their set date.

At Halliburton, we have always been good players in the ESG spectrum and very conscious of our carbon footprint. We support all the operators we work with and therefore must optimize ourselves well ahead of everybody else. For the last seven years, we have been focused on leveraging the data that we collect to further improve our operations and equipment. In 2020, we announced the creation of Halliburton Labs, which is looking at other energy sources. For example, we have been a big player in supporting geothermal activities.

Different Strategies in Developed Versus Developing Countries

The complexity of the energy transition entails that the challenges are not going to be the same for developing versus developed countries. In that sense, each countries' consumption and production are different. Each country will work according to its goals and challenges. Yet, our shared goal is to look at the data globally and create a balancing act. The only way to achieve this is by conducting integrated data analysis. Right now, everybody is talking about figures from different places, and it is hard to compare and contrast.

India's Government Policies on Moving Forward to Achieve the Net-Zero Targets

The question of criticizing India for not pushing far enough from a government policy point of view to achieve the net-zero targets was valid 24 hours ago. However, the government just released the budget, and there is a huge emphasis on achieving the net-zero targets and the importance of Public-Private Partnerships. The Prime Minister and Finance Minister went in-depth to discuss how they will reach their targets and the incentives they are giving private companies to help the nation achieve those targets. This is valid from the technology, finance, and infrastructure point of view. ■

Source: Energy Transition Dialogues Podcast

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Energy Transition Dialogues PODCAST



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COP27: Middle East Green Tech Pathway to Net Zero?



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