

Energy Transition Dialouges

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TUESDAY /// FEB 8th

TOP 10 DAILY NEWS DIGEST

1. Roadmap to Net-Zero – Who Will Pay for the \$3.5trn Transition?

2. The Top 10 Countries by Energy Transition Investment

3. Renewables Shine Bright in Oman

4. Dubai to Start Charging for Single-Use Bags from July

5. SEWA Starts Implementing New Desalination Plant in Al Hamriyah

6. Germany's H2 Industries Invests \$3bn To Launch H2 Plant in Egypt

7. Companies Vow to Reach Net-Zero Emissions – But Their Plans Are Falling Short

8. The Energy Transition Will Create 1000 Unicorns

9. Does The Debate Around the Energy Transition Need Fundamental Change?

10. No McKinsey, It Will Not Cost \$9trn Per Year to Solve Climate Change

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“The market is already driving us to a new energy system, and it will be dominated by renewables. So, the direction of travel is clear.”

Francisco La Camera
Director General
IRENA

Source: IRENA



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VIEWS YOU CAN USE



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Dr. Housseem Jemili

Partner, Bain & Company Middle East & Uwe Schmid
Expert Partner, Bain & Company Frankfurt



The Role of Enterprise Technology in Accelerating Decarbonization

Although the benefits of digital technology on sustainability efforts are becoming clearer to some executives, many are still unaware of the specific ways in which enterprise technology can help a company achieve its net zero ambitions—namely, by monitoring total emissions and by improving efficiency across the value chain. But enterprise technology has always enabled companies in their business and transformations, and it has an outsized role to play in helping companies meet their carbon reduction goals in at least three ways.

- **Enabling the transition:** New applications will be critical to help companies monitor their total greenhouse gas emissions and track their progress toward meeting reduction targets.
- **Accelerating the pace of change:** By increasing efficiency across a company's operations as well as its interactions with suppliers, enterprise technology can help reduce emissions across the value chain.
- **Rethinking enterprise technology solutions:** Finally, the enterprise technology function will need to rethink some of its basic operating principles to reduce the emissions of its own operations.

Enabling the transition: Monitor emissions

As with any improvement program, reducing emissions requires understanding your starting point and then measuring progress. Without those insights, executives are flying blind, unable to identify the largest opportunities for improvement, and have little capacity to monitor progress. Increasingly, companies have a wide variety of options from which to choose for measuring not only emissions but also for meeting environmental, social, and corporate governance (ESG) performance goals.

Software-as-a-service solutions:

Many providers of risk management and ESG monitoring software are expanding their capabilities to deliver reports on carbon footprint. The market is still young and very fragmented, so companies have a wide range to choose from, depending on their specific industry and compliance needs.

Bespoke solutions:

Some companies build their own systems to track emissions and other ESG data. This is a natural outgrowth of the way that most companies start out, tracking and collating their own carbon data. Investing in a robust, custom solution may be the right approach for companies planning to use this capability for strategic advantage.

Enterprise resource planning:

Enterprise resource planning (ERP) systems, which already have extensive experience with meeting regulatory constraints in certain verticals, are upgrading to monitor and report on carbon emissions. ERP systems already have access to the relevant resources, including data management systems. Companies can use ERP's current capabilities as a starting point and then extend it by gathering data from a much more varied data landscape.

Distributed ledgers:

Blockchain technologies offer traceability, transparency, security, speed, and efficiency—all of which could be used to track carbon emissions within an organization and across its supply chain. Blockchain ledgers could also be used for tracking rare metals (for example, cobalt used in batteries) or food supply chains. ■

Source: Bain & Company

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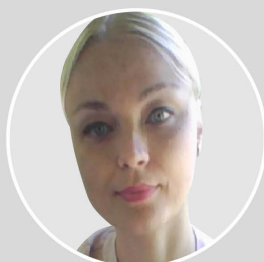
PODCAST

WEDNESDAY /// FEB 9th /// 13.00 (UAE)



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COP27: Viable Pathways to a Circular Economy?



Katerina Serada

Founder

SDG Hub: Center for Sustainable
Economies and Innovation



Viridiana Bello

Sustainability Consultant
Apoidea



Dyala Sabbagh

Partner

Gulf Intelligence

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cynthiacaidoy@gulfintelligence.com

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