

Energy transition warsaw



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As we look ahead to the 2026 edition, we will continue to explore the latest trends in energy storage, from the growing integration of storage into regional grids to evolving government policies and the

[Explained: Generative AI's environmental impact](#)

MIT News explores the environmental and sustainability implications of generative AI technologies and applications.

[New facility to accelerate materials solutions for fusion energy](#)

The new Schmidt Laboratory for Materials in Nuclear Technologies (LMNT) at the MIT Plasma Science and Fusion Center accelerates fusion materials testing using cyclotron proton beam

[MIT Energy Initiative conference spotlights research](#)

At the MIT Energy Initiative's Annual Research Conference, industry leaders agreed collaboration is key to advancing critical technologies amidst a changing energy landscape.

POLAND ENERGY OUTLOOK, 2026 & BEYOND

As described in this report, Poland's energy future centers on three potential scenarios with different nuclear deployment timelines. All three scenarios feature renewables as the dominant source by

[A new approach could fractionate crude oil using much less energy](#)

MIT engineers developed a membrane that filters the components of crude oil by their molecular size, an advance that could dramatically reduce the amount of energy needed for crude oil

[How artificial intelligence can help achieve a clean energy future](#)

A look at how AI can be used to help support the clean energy transition by helping to manage power grid operations, plan infrastructure investments, guide the development of novel

Evelyn Wang: A new energy source at MIT

As MIT's first vice president for energy and climate, Evelyn Wang is working to broaden MIT's research portfolio, scale up existing innovations, seek new breakthroughs, and channel

[New materials could boost the energy efficiency of microelectronics](#)

MIT researchers developed a new fabrication method that could enable them to stack multiple active components, like transistors and memory units, on top of an existing circuit, which

Bridging CEE Power: Unlocking Flexibility & Financing the Clean

Policymakers, investors, utilities and innovators came together in Warsaw on 3 February as CEE's energy leaders mapped the pathway from legacy fuels to a resilient, low-carbon future.

What's the best way to expand the US electricity grid?

Growing energy demand means the U.S. will almost certainly have to expand its electricity grid in coming years. What's the best way to do this? A new study by MIT researchers examines

Warsaw's plans to heat the city with metro's waste heat

Warsaw has committed to a 40% CO2 emission reduction objective by 2030 and seeks to become climate neutral by 2050. The largest part of this emission reduction should be deriving from energy

[Concrete "battery" developed at MIT now packs 10 times the power](#)

New concrete and carbon black supercapacitors with optimized electrolytes have 10 times the energy storage of previous designs and can be incorporated into a wide range of architectural

Poland's Energy Transition Gains Momentum, but Permitting Delays

Poland's energy transition has accelerated, but it still faces a number of challenges. One of the biggest is the lengthy permitting process for renewable energy projects. The industry hopes

[Energy , MIT News , Massachusetts
Institute of Technology](#)

Massachusetts Clean Energy Center CEO MBA '12 Emily Reichert highlights the state government's unique approach to fostering and keeping clean energy innovation.

Warsaw Energy Transition Sessions

Poland is at a critical moment in its energy transition. The decisions made today - on grid infrastructure, market design, storage deployment, and regulatory frameworks - will define the

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