

AI Isn't Just Modeling Energy— It's Testing Policy

How MIT's Climate Action Lab uses AI to validate real-world climate programs.

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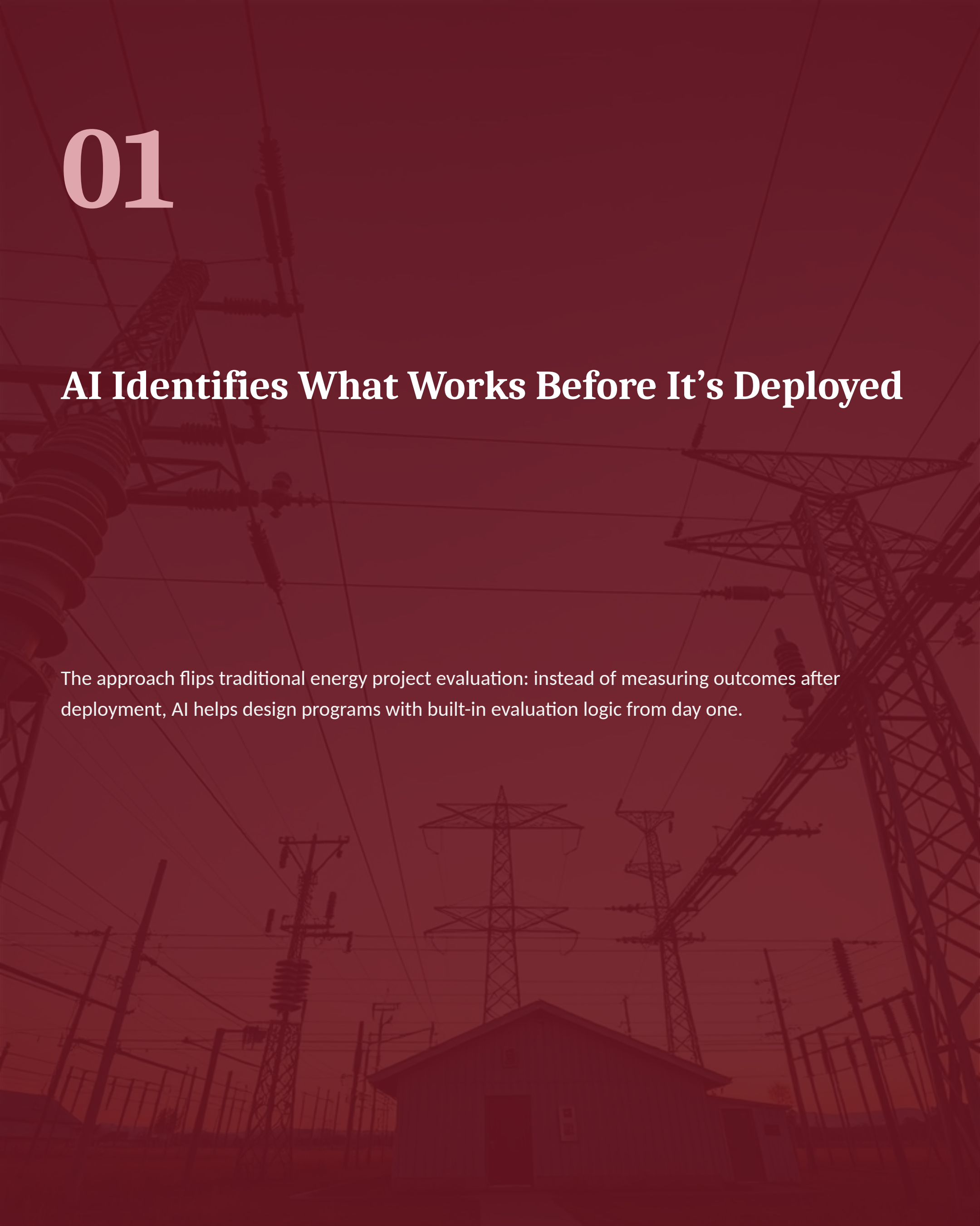
Climate Leaders Trained

This spring, 17 U.S. government and nonprofit climate leaders joined the second cohort of MIT's Climate Action Learning Lab.

These leaders represent diverse energy and environmental agencies, from the City of Boston's Sustainability Office to the Oregon Department of Environmental Quality. Their shared goal: to embed rigorous, AI-informed evaluation into active climate programs before full-scale rollout.

Source: J-PAL North America • Published September 29, 2026
<https://news.mit.edu/2026/climate-action-learning-lab-bridges-research-policy-for-effective-climate-solutions-0929>





01

AI Identifies What Works Before It's Deployed

The approach flips traditional energy project evaluation: instead of measuring outcomes after deployment, AI helps design programs with built-in evaluation logic from day one.



02

AI Bridges the Research-Policy Divide

For energy stakeholders, this means faster, more reliable deployment of proven technologies. The AI doesn't just analyze data—it curates the knowledge ecosystem to make policy smarter, faster, and more equitable.

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