



CLEAN AIR
TASK FORCE



MIT Energy Initiative
Driving clean energy innovation

GeoTech Summit: Accelerating Geothermal Technology, Projects, and Deal Flow

Agenda

Thursday, March 5	
8:00-9:00am	Arrival and Networking Breakfast
I. Opening & Market Context	
9:00-9:20am	Welcome & Intent with Terra Rogers, Clean Air Task Force and Carolyn Ruppel, MIT Energy Initiative Ground the day in why this moment matters—where policy, demand, and innovation intersect—and what participants can expect from today’s sessions.
9:20-9:45am	“The Market in Front of Us” with Torsten Kolind, Underground Ventures An opening keynote on the opportunity set for next-generation geothermal—covering firm power and heat markets, rising demand, and the policy and agency alignment shaping what’s possible next.
II. Investment Opportunities (Technology & Projects)	
9:45-11:15am	<p>“Picks & Shovels: Technology Investment Tracks” with Torsten Kolind, Underground Ventures A fast-paced, investor-focused session on the “picks and shovels” of next-generation geothermal, with rapid talks from leading companies across drilling, well construction, electronics, and power systems on what makes their technologies investment-worthy, followed by joint Q&A discussions.</p> <p>Featuring:</p> <p>Session One: Drilling, Well Construction, and the Resource</p> <ul style="list-style-type: none"> • Igor Kocis, GA Drilling • Moritz Pill, Borobotics • Tony Pink, Mazama Energy <p>Session Two: Electronics, Power Generation & Characterization</p> <ul style="list-style-type: none"> • Joel Edwards, Zanskar Geothermal • Spencer Jackson, Critical Energy • Steve Krase, Hephæ Energy Technologies
11:15-11:25am	Coffee Break
11:25-11:45am	“Technology Transfer at Speed” with Morgan Andreae, MIT Energy Initiative A practical overview of how breakthrough geothermal technologies move from lab to market, unpacking how investors can engage with universities and national labs, navigate licensing and IP, and accelerate the transition from bench research to commercial deployment.
11:45am-12:30pm	<p>“Breaking Ground: Latest in Tech Innovation” with Robert Mellors, Department of Energy A fast-moving series of short talks spotlighting the most experimental and disruptive ideas shaping the future of geothermal, spanning new R&D pathways, breakthrough materials, and unconventional finance.</p> <p>Featuring:</p>

	<ul style="list-style-type: none"> • Ralph Winmill, Geode Engineering • Kurt Waltzer, Senior Advisor to Clean Air Task Force • James Warren, Material Measurement Laboratory of the National Institute of Standards and Technology
12:30-1:15pm	Networking Lunch
III. The Investing Community & Capital Architecture	
1:15-1:45pm	“The Missing Middle” with Sarah Black, Alfa8 An afternoon keynote on the “missing middle” of geothermal finance, where promising technologies stall between venture investment and project deployment, and what’s needed to unlock capital at this critical transition point.
1:45-2:55pm	“Crossing the Investment Frontier” with Stan Miranda, True North Institute A structured series of fireside conversations exploring how capital moves from early-stage technology to large-scale projects: examining risk, returns, and sequencing across venture, strategic, and project finance to understand what it really takes to cross the geothermal investment frontier. Featuring: <ul style="list-style-type: none"> • Jesse Guerra, Chevron Technology Ventures • Torsten Kolind, Underground Ventures • David Siap, CREO Syndicate • Jonathan Sisto, RBC Capital Markets • Andy Summerlin, Baseload Power US • Johanna Wolfson, Azolla Ventures
2:55-3:15pm	Coffee Break
IV. LESSONS, MODELS & PATHWAYS FORWARD	
3:15-3:45pm	“Lessons from Oil & Gas” with Greg Leveille, Former CTO ConocoPhillips A look at how oil and gas historically structured capital across exploration, development, and mature assets, and what those lessons reveal about risk diversification and the future investment pathway for geothermal.
3:45-4:15pm	“The Role of Testbeds in the Private Sector” with Jenna Hill, Clean Air Task Force An examination of how geothermal testbeds can accelerate commercialization by de-risking new resources and higher-temperature systems, and how investors can engage in testbed projects to help bridge the “missing middle” between technology and deployment.
V. CLOSE & PARTICIPATION SIGNALS	
4:15-4:45pm	“Building the Playbook” with Terra Rogers, Clean Air Task Force A facilitated, interactive session to distill the day’s insights into a clear investment playbook: defining priority pathways, directional commitments, and what’s needed to move from discussion to action.
4:45pm	Adjourn
6:30-8:30pm	<i>Optional:</i> Wrap up the day with good food and great company at one of Cambridge’s local favorites. If you registered for a dinner, please check your email calendar confirmation for specifics.