



SBIR Partnering
Platform Newsletter

PARTNER Edition
FY24 Q1

partnering
... powered by DOE

Thank you for signing up to receive the [SBIR Partnering Platform Newsletter](#)!

SBIR Partnering Platform

Developed in collaboration with Phase III awardee, [OmniSync](#), the [SBIR Partnering Platform](#) was released in October 2023. Open to all **Industry Stakeholders** (i.e., investors, service providers, utilities, etc.), this public, self-supporting platform facilitates partnering between SBIR/STTR small business applicants and awardees (**INNOVATORS**) and various industry stakeholders in their representative ecosystems (**PARTNERS**).¹ Using keywords and AI, **PARTNERS** are able to investigate vetted technologies developed with DOE SBIR/STTR funding and connect with the associated **INNOVATORS**.

Partnering with an SBIR/STTR funded small business provides **PARTNERS** with immediate access to innovative, advanced technologies that have already been vetted through a competitive award process. These are cutting-edge, disruptive technologies that can help **PARTNERS** reach their net-zero and sustainability goals. An additional benefit is that these companies are Phase III eligible.

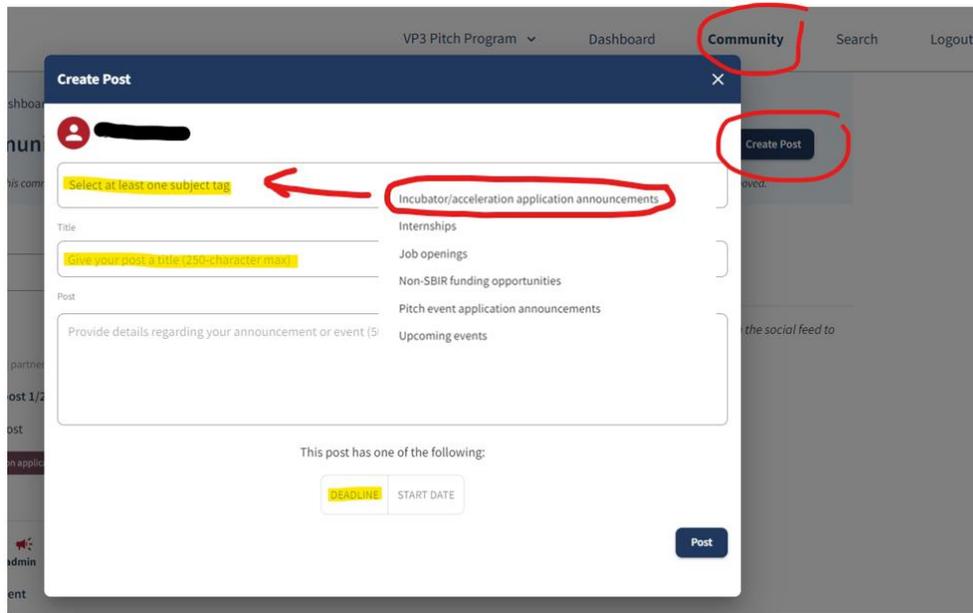
NEW FEATURES FOR PARTNERS – **PARTNERS** can register to attend the FY24 *virtual* Partner Pitch Program (vP³). Organized into 8 pitch sessions by topic area, search via keyword to find technologies of interest. **PARTNERS** can search and review pitch recordings from the FY23 vP³ as well.

PARTNER PITCH TOPIC AREAS & SESSION DATES

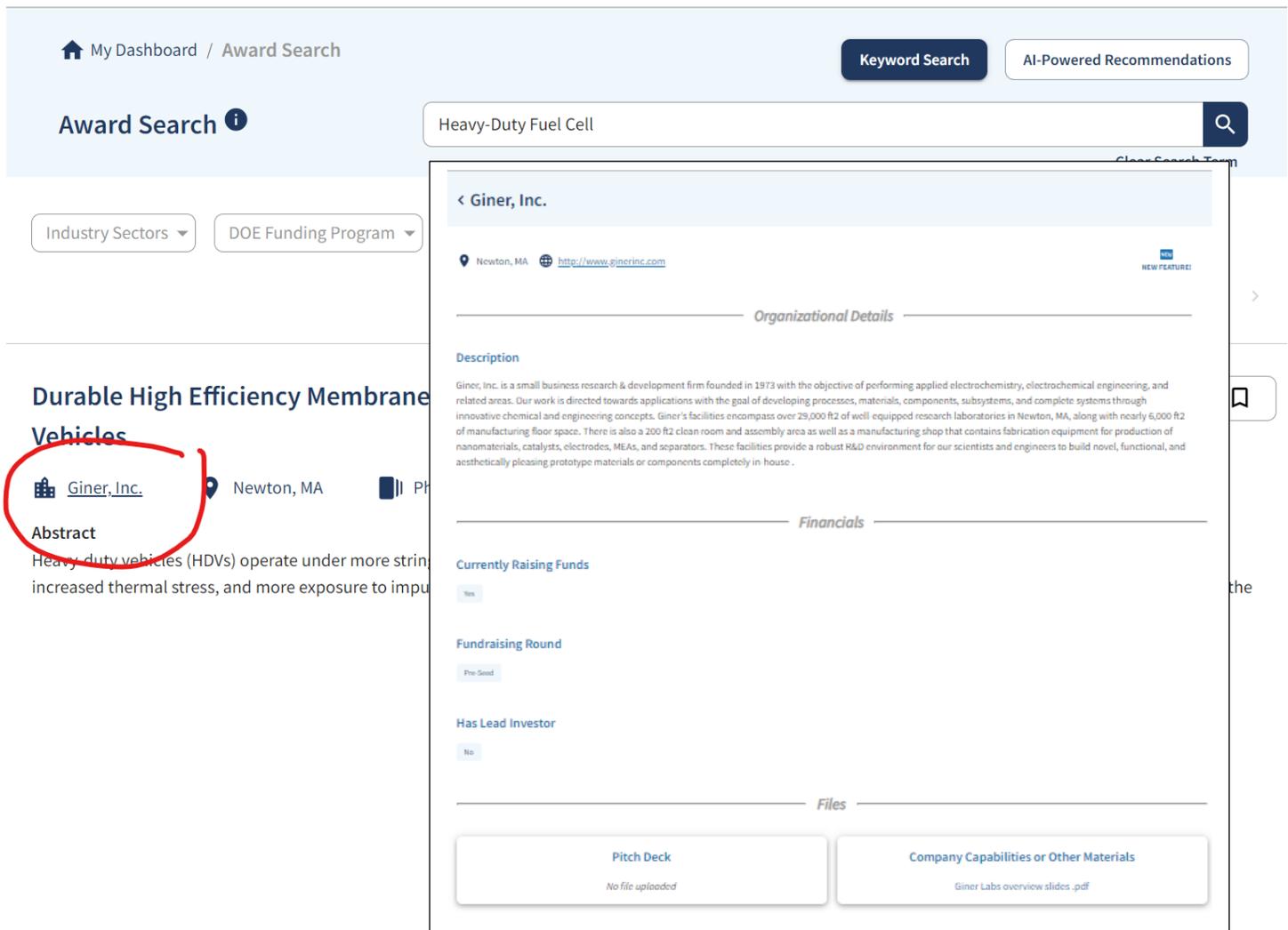
SPRING	<i>Advanced Semiconductor Materials/Packaging/Processes & Next-Gen Waveforms</i>	April 30th, 11AM-12:15PM [6 pitches]
	<i>Green Vehicles: Advanced Materials, Heavy Duty PEM, Charging and Li Extraction/Recycling</i>	April 30th, 2PM-3:45PM [9 pitches]
	<i>Cleantech: Sustainable Feedstocks & Chemical Production</i>	May 14th, 2PM-3PM [5 pitches]
	<i>Advanced Materials & Manufacturing</i>	May 21st, 11AM-12:15PM [5 pitches]
	<i>Monitoring: Environmental, Carbon Sequestration, Wildfire</i>	May 21st, 2PM-3PM [4 pitches]
FALL	<i>Advanced Instrumentation</i>	August 6th, 2PM-3PM [5 pitches]
	<i>Cybersecurity & Data Management</i>	September 24th, 11AM-12:15PM [5 pitches]
	<i>Cleantech: CO2 capture/use, Ammonia Combustor and Novel CHVBs</i>	September 24th, 2PM-3PM [4 pitches]

¹ **DOE Disclaimer:** By enabling and publishing the DOE SBIR Partnering Platform, DOE is not endorsing, sponsoring, or otherwise evaluating the qualifications of the individuals and organizations that appear on this platform as partners, resources, awardees or innovators.

PARTNERS can post events, job openings and internship opportunities as well as non-SBIR/STTR funding opportunities on the **COMMUNITY** page.



At the request of the investment community, a **COMPANY PROFILE** has been added that identifies if the company is actively seeking funding. **INNOVATORS** are just beginning to populate these. After locating a technology of interest, access **COMPANY PROFILES** by clicking on the company name.



PARTNERS, see features that need tweaking or critical information that is missing, reach out to [Carol Rabke](#). If you haven't joined the ecosystem – don't miss out! [REGISTER NOW!](#)

virtual Partner Pitch Program (vP³)

The FY24 vP³ pitch sessions launch on **Tuesday, April 30th** with a morning session highlighting semiconductor technologies and technologies aimed at communication (advanced waveforms) applications, and an afternoon session highlighting technologies aimed at heavy-duty and consumer vehicle applications. The spring cohort continues on **May 14th** and **May 21st** – [log in now](#) to investigate these competitively vetted technologies that have received \$1.1M+ in SBIR/STTR funding from DOE.

NEW DOE Success Stories

This quarter we published three new success stories highlighting SBIR/STTR small businesses that are successfully generating revenue from their SBIR/STTR funded technology and/or received non-SBIR investment for continued development/commercialization.

- The [Princeton NuEnergy Inc. \(PNE\)](#) article discusses their solution for the redefining the battery supply chain, which incorporates PNE's proprietary low-temperature plasma assisted separation (LPAS™) technology. The PNE process recycles battery cathode materials in a non-destructive fashion. By reducing processing temperature, materials handling requirements and shipping costs, PNE has the potential to turn a profit challenged lithium-ion battery recycling industry into a highly profitable one with a domestic presence.
- Recognized by the DOE Office of Small and Disadvantaged Business Utilization (OSDBU) as the 2022 SBIR/STTR Small Business of the Year, the [Tiptek LLC](#) article discusses their development of a novel method to create ultra-sharp nanoprobes. As the sole U.S. manufacturer of nanoprobes, Tiptek and its work play an important role in securing the domestic supply chain for semiconductor manufacturing as outlined in the 2022 CHIPS and Science Act.
- An FY23 update on [DIRAC Solutions Inc.](#) details how they adapted their battery-free radio frequency sensor communications technology originally developed to satisfy dry cask monitoring needs for nuclear safeguards applications for use in soil condition monitoring for agricultural irrigation applications as well as other developments that have enabled them to demonstrate seamless, secure video transmission through 5-ft of reinforced nuclear concrete!

Read more about these successful awardees [here](#).

Upcoming Events to Meet DOE SBIR/STTR Team Members

Members of the DOE SBIR/STTR programs team will be attending the [NREL Industry Growth Forum \(IGF\)](#) taking place May 1-May 3 in Denver, CO and the [ARPA-e Energy Innovation Summit](#) taking place May 22-May 24 in Dallas, TX. Several team members will be participating in the [SBIR/STTR Spring Innovation Conference](#) taking place June 17 – June 19 at the National Harbor.

Attending? Make sure to seek us out and say hello!