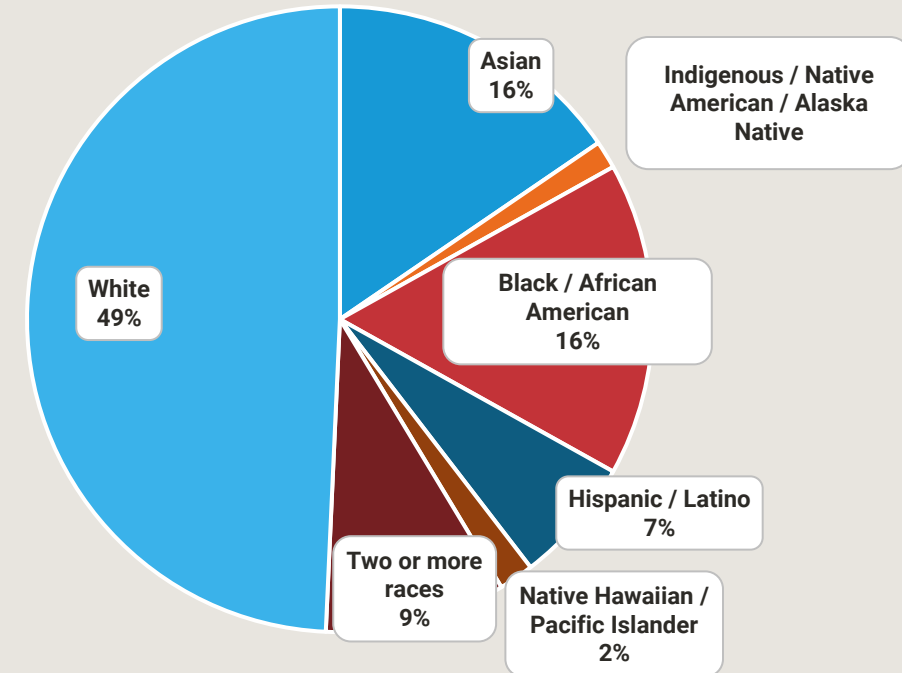


- Focused Recruitment of Underrepresented and Undersupported Entrepreneurs
- Comprehensive Support to 4-6 Hard-tech Startups
- Industry Partners as Mentors and Pilot Host
- Pilot Execution to Reduce Commercial Risk
- 24 to 30 Month Engagement
 - Total Financial Support \$300 - \$400K (\$100K in grants/in-kind support, \$100K Optional Investments & up to \$200K from DOE Phase 2 Award)
 - Targeted Program Curriculum
 - Engineering & Mentorship
 - Technical & Market Expertise
 - Potential Equity Investments



Demographics of 2023 program cohort

Program Focus — Addressing Commercialization Valley of Death

	TRL 5	TRL 6	TRL 7	TRL 8	TRL 9
Technology Maturation Plan	Process Development	Viability Demonstration (1/100 th Scale)	Transition to Commercial (1/10 th Scale)	Commercial Scale Demonstration	Commercial Deployment
Startup Activities and Objectives	<ul style="list-style-type: none"> • Core technology demonstration & all unit operations • Development and utilization of TEA to inform optimization (technology, experiments) • Pilot Scale with integrated tests producing samples of final product. Process Eng. Data gathering to inform scale-up 		<ul style="list-style-type: none"> • Demonstration scale plant (including all sub-systems) development, testing and final operation conditions • Continuous integrated operation of 1/10th scale for 1,000 hours and data collection • Document pilot performance and engage with independent engineer to obtain investor confidence 		<ul style="list-style-type: none"> • Detailed process model & engineering deliverables to support project execution & const. planning & estimate • 1st commercial scale project development & plant operations