

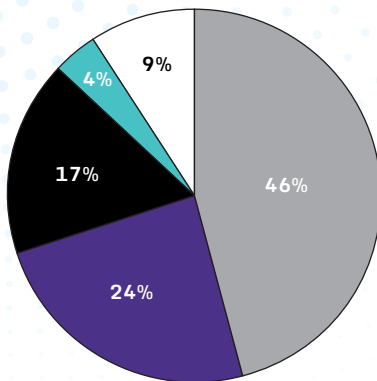
INDUSTRIAL BIOTECH INNOVATION PRIZE CHALLENGE



The United States leads in biotechnology discovery, but turning breakthrough biology into cost-competitive production at scale remains a significant challenge. Infrastructure, manufacturing economics, supply chains, and deployment barriers can prevent promising solutions from reaching commercial production.

The Industrial Biotech Innovation Prize Challenge identified solutions that improve the cost, scalability, efficiency, and deployment of bioindustrial production.

SOLUTION TOPICS



- Scalable Biomanufacturing and Process Innovation (46%)
- Cost-Competitive Bio-Based Production (24%)
- Feedstocks, Inputs and Circular Conversion (17%)
- Other / Cross-Cutting Solutions (9%)
- Industrial Integration and Deployment Pathways (4%)

CHALLENGE SNAPSHOT



PRIZE POOL

\$50,000
total awards

EXPERT EVALUATION PANEL

Ken Barrett, Chief Business Officer, Arzeda Corp.
Jen Greenstein, Senior Director, Evaluation, Focused Initiatives, North Carolina Biotechnology Center
Greg Jaffe, President, Jaffe Policy Consulting LLC
Nazish Jeffery, Principal, Helix Advisory LLC
Jonathan Mercado, Principal, First Bight Ventures
Brent Wells, Senior Project Manager and Research Analyst, Advanced Technology International (ATI)

IMPACT

The challenge provided the opportunity for identifying breakthrough solutions addressing barriers to bioindustrial scale, increasing visibility for innovators, and connecting solution providers with government, industry, investment, and technical stakeholders.

By combining technology scouting, expert evaluation, virtual and live pitching, and ecosystem engagement, ATI Horizons surfaced solutions across scalable biomanufacturing, cost-competitive bio-based production, circular conversion, and industrial deployment with the potential to strengthen domestic bioindustrial capacity.

average
readiness

TRL 5

7

countries
represented

16

semifinalists

18

U.S. states represented

98%

non-
traditional
defense
innovators

46

qualified applications

10

finalist pitches

OUR ROLE

ATI Horizons designed and managed the complete challenge lifecycle, including:

- Challenge development and administration
- Innovation outreach and recruitment
- Application management
- Technical and commercial assessment
- Review panel coordination
- Semifinalist virtual pitch coordination
- Live pitch event production
- Finalist showcase execution
- KPI tracking and post-challenge engagement