

PRIZE[®]
ALUMNI

ANNUAL REPORT

2023

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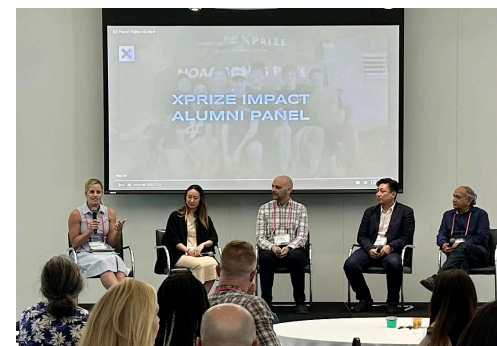
WELCOME TO THE XPRIZE ALUMNI NETWORK

ABOUT US

The XPRIZE Alumni Network was established in January 2020 with the understanding that innovation and impact do not end when a competition concludes. The mission of the Alumni Network is to foster a supportive community of qualified competitors across all XPRIZE competitions for continued connection and development, so we can achieve an equitable and abundant future for all.

ABOUT THIS REPORT

This inaugural report provides a comprehensive overview of the Alumni Network's activities and achievements throughout 2023. From highlighting the network's expansion to celebrating alumni accomplishments, this report is a testament to the collective impact of our alumni community. Consider this report a roadmap for staying informed about the Alumni Network, including the network's performance, areas of impact, and opportunities for engagement. We hope you join us in our work and get involved. Our inbox is always open at alumni@xprize.org.



BY THE NUMBERS

The Alumni Network provides ongoing post-competition support for alumni teams that have passed a threshold of validation through XPRIZE's rigorous judging process. Alumni actively engage with the Network to continue the journeys they began during their XPRIZE competitions. Through these initiatives, we provide meaningful experiences that contribute to the professional growth and collaborative spirit of our alumni.

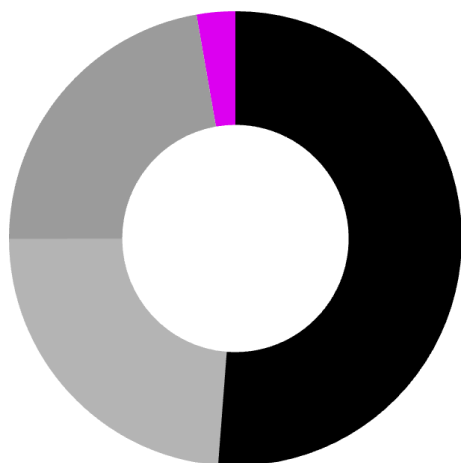
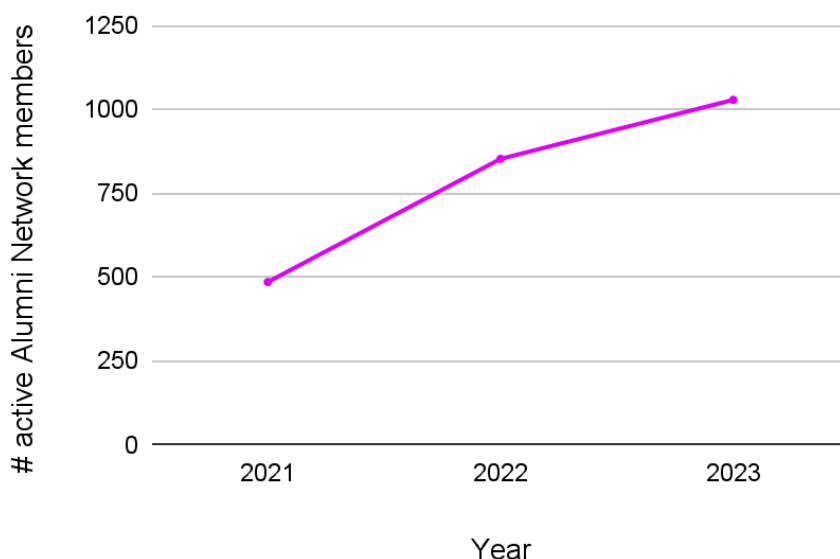
1,028

Active Alumni Network members

483

Active Alumni Network teams
(passed at least one round of validation)

Alumni Network Growth Over Time

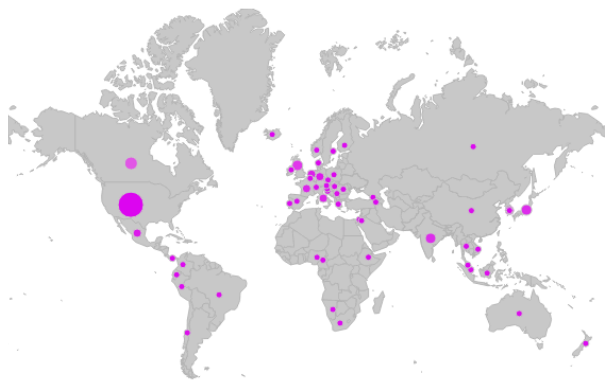


Active Alumni Network Teams by Prize Status

- **Qualified Alumni Teams** 51.2%
- **Semifinalist Teams** 23.8%
- **Finalist Teams** 22.3%
- **Grand-prize Winners** 2.8%

WHO'S IN THE NETWORK

There are over 1,000 members active in the Alumni Network. These innovators, working across an extensive breadth of geographies and industries, have proven their commitment to changing the world.

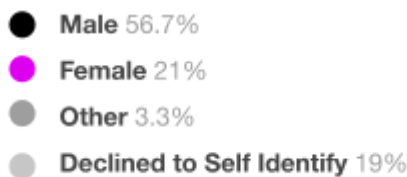


Active Alumni Network Members by Country

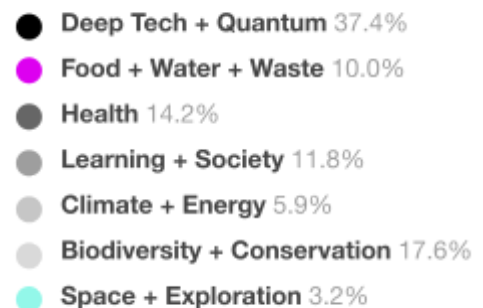
This map illustrates the global distribution of active XPRIZE Alumni Network members by country, highlighting the widespread influence of our community. Note: 71 individuals opted not to disclose their location and are not represented on this map.



Active Alumni Network Members by Gender



Active Alumni Network Members by Domain



34

University-based teams active in the Alumni Network

2023 IN REVIEW

In 2023, the Alumni Network staff orchestrated a series of **55 diverse engagement opportunities**, inviting alumni to participate in a wide array of events. These strategic initiatives successfully fostered nearly **400 instances of alumni participation**, underscoring the vibrant and dynamic nature of our community.

215 

Unique alumni engaged

158 

Unique alumni teams engaged

20 

Unique prizes represented

HOW ALUMNI ENGAGE WITH XPRIZE

99 

ALUMNI JOINED WEBINARS

on topics such as fundraising, organizational scaling, and marketing

89 

ALUMNI PRESENTED THEIR WORK

as **speakers, panelists**, and tech **exhibitors**

86 

ALUMNI NETWORKED

at XPRIZE mixers and events

66 

ALUMNI ATTENDED CONFERENCES

with **complimentary** or **discounted tickets** through XPRIZE

29 

ALUMNI RECEIVED REFERRALS

to development programs and investors

46 

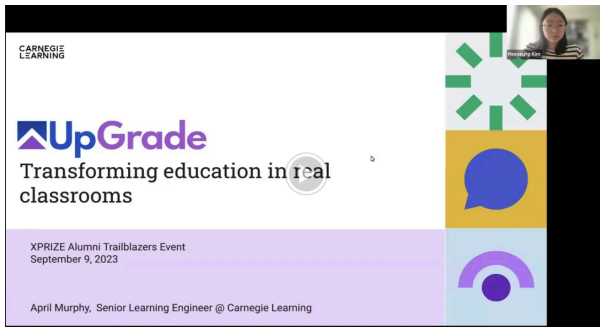
ALUMNI TEAMS FEATURED

on **XPRIZE social media** channels

PROGRAM HIGHLIGHTS

Demonstrating a continued commitment to our alumni, we developed several new offerings for ongoing programming in 2023.

PROGRAMMING



ALUMNI TRAILBLAZERS SERIES

This webinar series provides a private forum for alumni to share their projects and participate in discussions that foster deeper connections and community support.



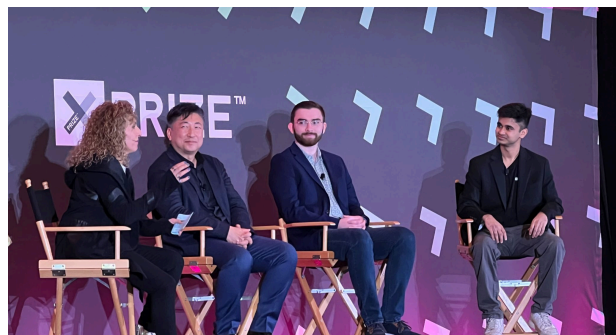
EDUCATIONAL WEBINAR SERIES

These organized webinars link alumni with experts in fundraising, organizational scaling, marketing, and other areas, bridging knowledge gaps in areas of interest.



MIXERS

Alumni mixers strengthen connections among alumni while providing valuable networking opportunities. We hold mixers in key markets including New York, the Bay Area, and Toronto.



#XPRIZEALUMNISPOTLIGHT

We leverage XPRIZE's 1M supporters to feature accomplished alumni, amplifying their work and promoting them as thought leaders in their fields.

EVENT HIGHLIGHTS

MAKING OUR PRESENCE KNOWN

We supported alumni by connecting, showcasing, and sponsoring them, sending them to conferences and events to help them advance their work and broaden their reach.

EVENTS



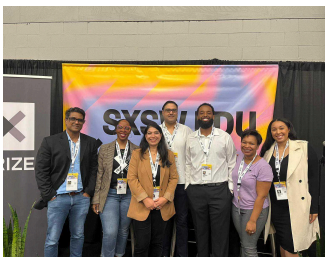
COP28 BUSINESS + PHILANTHROPY CLIMATE FORUM

In the "Green Entrepreneurs of Tomorrow" session, hosted by XPRIZE, Sustainable Markets Initiative, and Breakthrough Energy, XPRIZE showcased Robert Niven, CEO of CarbonCure, at COP28. This global climate event boasted over 83,000 in-person attendees and provided a main-stage speaking opportunity to present CarbonCure's innovative climate solutions.



CLIMATE WEEK NYC NEW YORK STOCK EXCHANGE

XPRIZE celebrated Climate Week NYC by closing a day of trading at the historical New York Stock Exchange. The closing-bell ceremony was capped with an engaging panel and tech demonstrations that featured alumni with leading climate initiatives, including Air Company, CERT Systems, and Clean Robotics.



SXSW EDU

XPRIZE Rapid Reskilling prize lead Dr. Monique Golden presented insights from the competition in a solo presentation at SXSW EDU, providing a platform for the four finalist teams to share their innovative approaches to virtual learning and skill development. This was followed by a meetup that allowed the alumni to establish connections with experts, advocates, and practitioners from the 8,000-person conference.



VERGE

Through the support of XPRIZE, a large cohort of alumni received complimentary tickets to VERGE, a climate-tech conference bringing together 5,000 attendees. Alumni fostered connections with industry leaders, innovators, and policymakers. XPRIZE further facilitated networking and collaboration with a mixer for alumni teams.



IEEE INTERNATIONAL CONFERENCE ON ROBOTICS AND AUTOMATION

The ANA Avatar XPRIZE-winning team, finalists, and prize operations team showcased tech exhibits at ICRA, a premier platform to advance innovation in robotics. XPRIZE hosted a workshop on robotics and automation advancements to an audience of robotics experts and researchers. Attendees integrated with XPRIZE winners NimbRo and experienced their avatar system's potential firsthand.



ABUNDANCE360 SUMMIT

XPRIZE alumni teams exhibited their technologies at the Abundance 360 Summit, which gathered innovators and thought leaders to explore exponential technologies' potential for solving global challenges.



NEXTMED HEALTH

XPRIZE alumni teams showcased their tech in the Healthcare Innovation Lab, featured among the most promising companies and innovations to revolutionize the practice of medicine. Additionally, Steradian Technologies CEO Asma Mirza took home the One to Watch MEDy Award, earning her the chance to demo her technology from the main stage.



OPPORTUNITY COLLABORATION

XPRIZE secured a fellowship for SHIFA360 that covered the full cost of Opportunity Collaboration, allowing the team to attend the full five days of the global gathering that convenes social impact leaders to address pressing social challenges. The team was able to network with foundations, meet like-minded leaders, and sync with other XPRIZE alumni in attendance.



XPRIZE VISIONEERING

Leaders across various sectors gathered at XPRIZE's premier flagship event to ideate a future of abundance. Alumni took part in shaping the next great prize competition, participated in panels, and demonstrated their innovative technologies to an audience of Fortune 500 C-suite executives, government leaders, renowned philanthropists, and scientists.



XPRIZE FUTURE OF WORK SUMMIT

XPRIZE Rapid Reskilling hosted the Future of Work Summit, spotlighting the finalists from the prize. Besides highlighting the work of the finalist teams to an audience of education experts, alumni from past Learning & Society prizes provided thought leadership on the future of work and education.

ALUMNI CASE STUDIES

CLEANROBOTICS



IBM Watson AI XPRIZE alumnus CleanRobotics designs innovative solutions for a sustainable future. Their flagship product TrashBot is a smart recycling bin that sorts waste at the point of disposal with 95% accuracy. CleanRobotics helps zero-waste facilities eliminate human error through AI and clean data.

Through their participation in the Alumni Network, CleanRobotics was able to meet investors, securing an investment that unlocked an additional EPA SBIR contract. In addition, networking with the XPRIZE ecosystem led to introductions to potential partners for distribution and future ventures. Days after taking the stage at the New York Stock Exchange at Climate Week NYC to participate in a panel hosted by XPRIZE, CleanRobotics closed a round of funding.

“ We signed a term sheet that Friday, thanks in no small part to the credibility XPRIZE lent our brand and technology.”



Charles Yhap
CleanRobotics
Co-Founder

TOUCLAB



ANA Avatar XPRIZE alumnus Touchlab is revolutionizing robotics by overcoming robots' limited ability to perceive their environment. Their e-skin system, which is thinner than human skin, enables robots to sense pressure, location, and direction in real time.

Since the conclusion of their XPRIZE, Touchlab successfully demonstrated their robot-as-a-service model with a groundbreaking hospital pilot and the lease of their avatar robot to Helsinki's Laakso Hospital — a practical application that validates the work initiated during the XPRIZE.

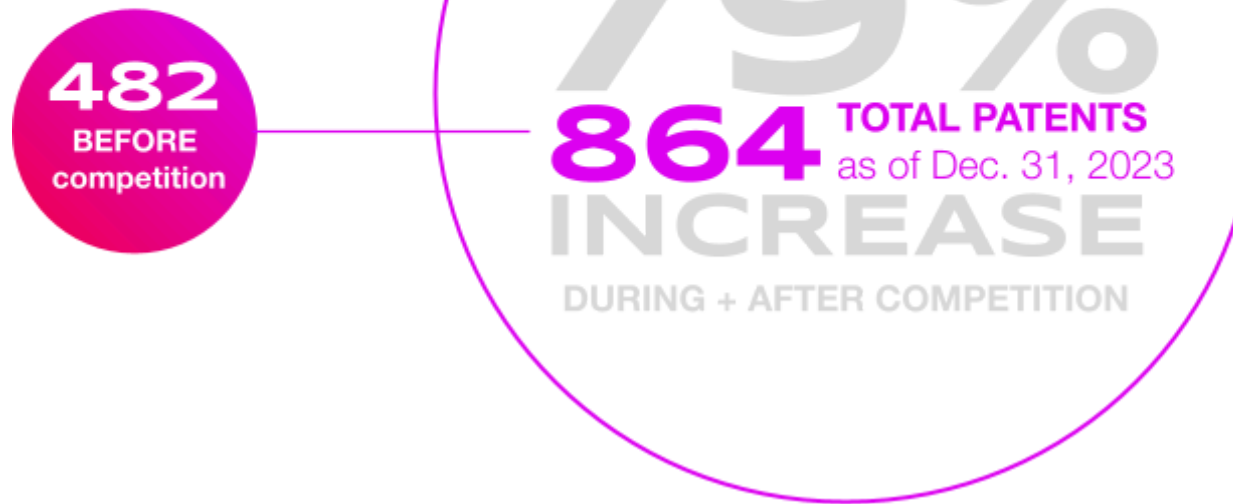
Continued engagement in industry events like XPRIZE Visioneering further bolstered Touchlab's global standing, paving the way for future growth and an upcoming Series A funding round.

Furthermore, the recent launch of the XPRIZE European Hub in Scotland builds on CEO Anousheh Ansari's visit to Touchlab last year, continuing to foster European collaboration and innovation with Edinburgh-based Touchlab as a leader.

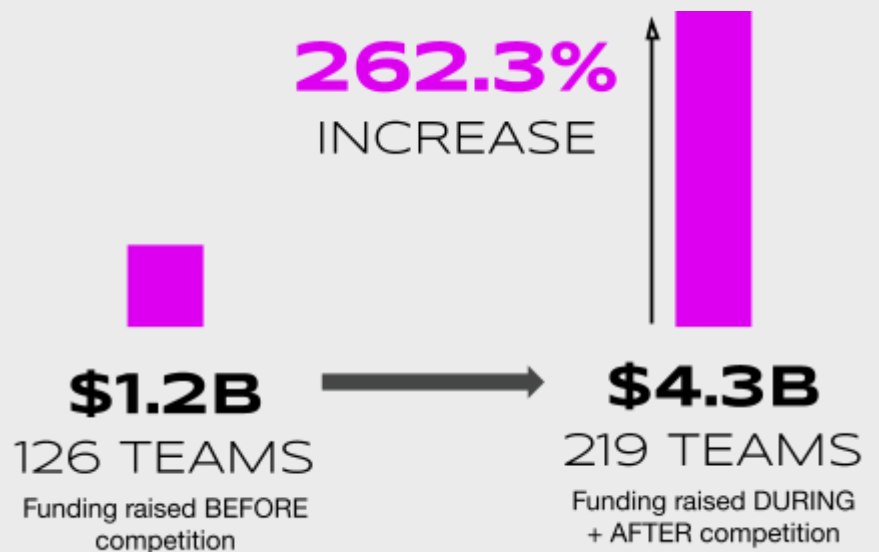
ALUMNI ACHIEVEMENTS

XPRIZE competitions aim to catalyze necessary change in stagnant or nascent industries to create a better world. This is done through the work of the teams who compete in our prizes and progress onward to scale their solutions. We're proud to see the immense progress our alumni continue to achieve as they develop new intellectual property, build and commercialize their solutions, and achieve world-changing breakthroughs.

PATENTS



FUNDING ACTIVITY



2023 ALUMNI AWARDS + GRANTS HIGHLIGHTS



Children's Learning and Play
ENUMA, INC.



Grant
ARCA



Grant
DATA SCIENCE NIGERIA



Grant
APTERA



Global Cleantech 100
CARBON UPCYCLING TECHNOLOGIES



SBIR Award
RELIABLE-LFC



High-Performance Design
TWELVE



Project Funding
CARBON UPCYCLING TECHNOLOGIES



Specific Environmental Benefit – Climate Change
AIR COMPANY



Circular Design, Materials & Sustainability
CARBONBUILT



Transportation
AIR COMPANY



Best Alternative Protein Company
UMAMI BIOWORKS



EDGE Incentive
AQUA CULTURED FOODS



Labpreneur
ALVEO TECHNOLOGIES



SBIR Award
ISPACE



Deep Space Food Challenge
AIR COMPANY



STTR Award
AIR COMPANY



Tipping Point
ASTROBOTIC TECHNOLOGY



STTR Award
MIRIMUS, INC.



Innovative Company
CARBON UPCYCLING TECHNOLOGIES



SBIR Award
NOVEL FARMS



SBIR Award
TENDER FOOD



Impact Crowdfunder of the Year
APTERA



Innovation Awards
TAMPA DEEP SEA XPLORERS



Food & Drink
GOOD MEAT



Sustainability
EQUATIC



Digital Learning Challenge
ADAPTIVE EXPERIMENTATION ACCELERATOR

2023 ALUMNI MILESTONE HIGHLIGHTS

JAN. 02	—	ISPACE Completion of lunar orbital control maneuver Google Lunar XPRIZE
JAN. 05	—	ALVEO TECHNOLOGIES Collaboration with government of Barbados to co-develop advanced molecular disease diagnostics XPRIZE Rapid Covid Testing
FEB. 03	—	CARBONCURE First-ever concrete storage of atmospheric CO ₂ captured by direct air capture XPRIZE Carbon
MAR. 15	—	ISPACE Listed on Tokyo Stock Exchange Growth Market Google Lunar XPRIZE
MAR. 17	—	OWLSTONE MEDICAL U.S. Department of Defense contract for early infectious disease detection Nokia Sensing XCHALLENGE
MAR. 21	—	GOOD MEAT U.S. FDA approval for cultivated chicken XPRIZE Feed the Next Billion
MAR. 24	—	ACURABLE U.S. FDA approval for a wireless diagnostic device for the remote detection of obstructive sleep apnea Nokia Sensing XCHALLENGE
JUN 21	—	GOOD MEAT & EAT JUST USDA grants of inspection issued for cultivated meat XPRIZE Feed the Next Billion
JUN 30	—	VIRGIN GALACTIC Completion of first commercial rocket plane space flight, using technology originating from Mojave Aerospace Ventures Ansari XPRIZE
JULY 12	—	TWELVE First large-scale U.S. sustainable aviation fuel factory NRG COSIA Carbon XPRIZE
SEPT. 19	—	HIREMEE Agreement with government of India's Ministry of Labour and Employment to offer job assessment services nationally XPRIZE Rapid Reskilling
SEPT. 20	—	DATAKIND A.I. used to increase John Jay College graduation rate by 32 percentage points IBM Watson AI XPRIZE
DEC.15	—	DNANUDGE U.S. FDA approval for multiplex respiratory viruses test in Ghana XPRIZE Rapid Covid Testing

WHAT'S NEXT

As we reflect on the achievements of the past year within the XPRIZE Alumni Network, we invite each of you—alumni, partners, and supporters—to help expand our reach and impact as we embark on our 30th year of XPRIZE competitions.

To our alumni, we encourage you to recruit colleagues who are eligible to join our vibrant community, ensuring that the network continues to grow and diversify. We invite you to participate actively in our initiatives and discussions, contributing your valuable insights and experiences. We ask that you keep us informed of your achievements and projects; your stories are a source of inspiration and motivation for all of us.

For those who wish to support us, consider sponsoring the Alumni Network to enable us to offer more resources, host events, and improve the experiences of our members. Become a partner and join us in driving innovation to tackle the world's most pressing challenges through collaboration and shared expertise.

Together, we can forge a path toward significant and sustainable impact. Reach out today to discover how you can contribute to this transformative journey and help us shape a better future.

Interested in getting involved? Email us at alumni@xprize.org.

