2024 Impact Report

2024 Events Program Impact Alumnae Support The AI Forward Alliance

2024 smashed records

11,000 girls developed 3,200 AI & tech solutions with the support of 6,000 volunteers —setting new records across the organization.

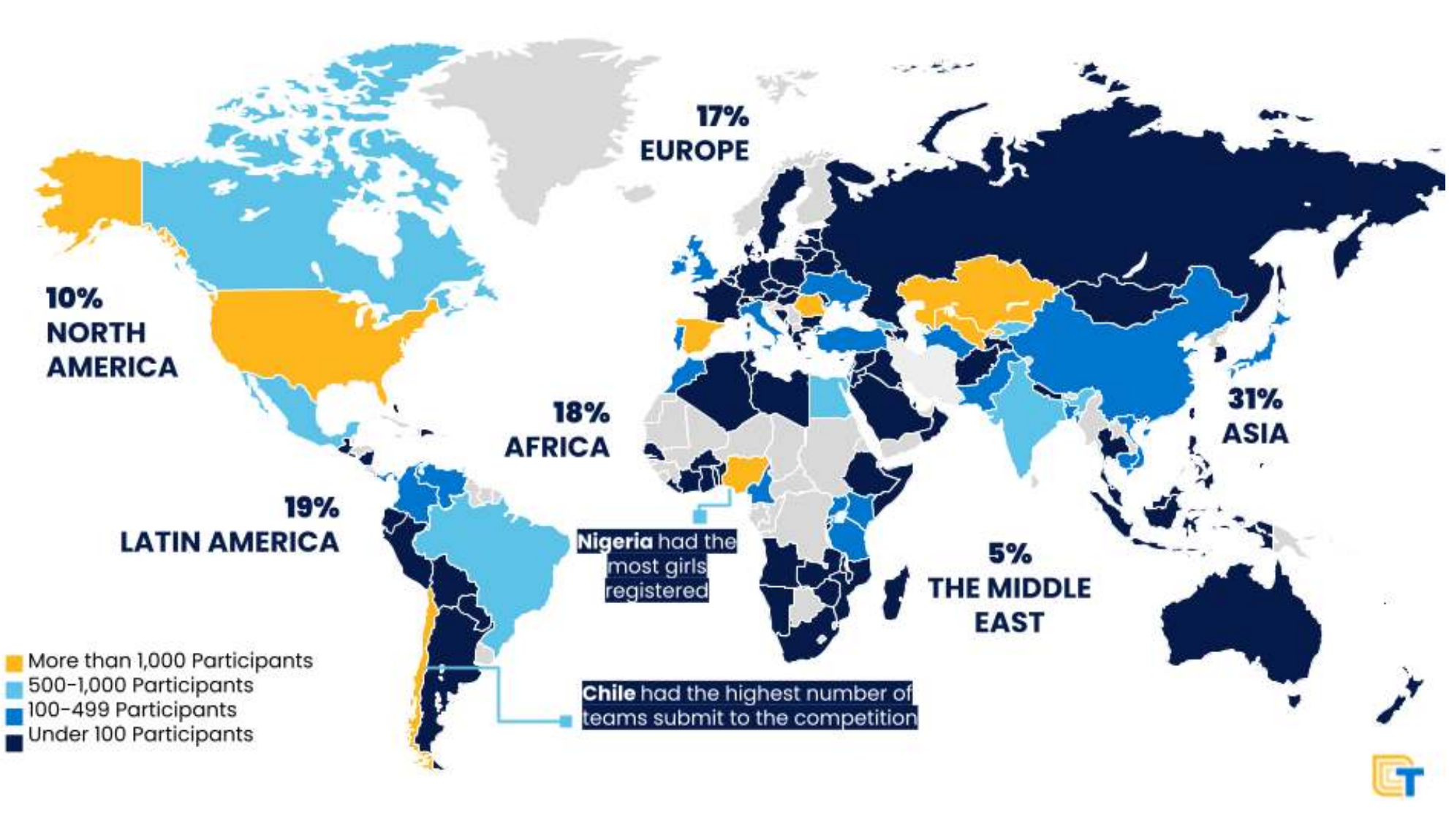
In 2024, we continued working towards our bold goal of reaching 25 million girls and women by 2035; celebrated a year of The AI Forward Alliance; hosted powerful events to discuss AI, the workforce, and upskilling; gathered with **phenomenal program Ambassadors** leading the charge in their communities; and **connected Alumnae to more learning and leadership opportunities** than ever before.

None of this would have been possible without our global network of supporters, volunteers, and funders who enthusiastically join us in our mission to empower girls everywhere—thank you for being part of this.

A Record-Breaking Year

More girls developing more AI and tech solutions than ever

We are very proud to report that the 2024 season set a new record, and we saw **over 40% growth year over year** in the number of girls participating in the program



11K

Girls created technical solutions to community problems

3.2K

AI & tech solutions developed by girls

6K

Adult **volunteers** supported teams around the world

Technovation around the world in 2024

Click to expand an image!

In 2024 we took the time to celebrate together

2024 provided several opportunities for Technovation communities around the world to gather together in-person, with our biggest highlights being the Regional Pitch Events, and World Summit, as well as Regional Retreats for Ambassadors.

2024 Regional Retreats for program Ambassadors

Ambassadors are powerhouse volunteers who run Technovation programs locally in their communities. In 2024 we invested in **two in-person retreats to gather Ambassadors together** to connect and learn. Over each 2-day retreat, Ambassadors shared their experiences, asked hard questions, and explored hands-on demos of Technovation curriculum.

Latin America Retreat

9 AMBASSADORS from 6 COUNTRIES gathered together in Bogotá for 2 DAYS of learning and collaboration.

"I feel that we built more trust among ambassadors, shared various ideas that will help us with the development of our regional programs, and filled ourselves with energy and enthusiasm. "

– Ambassador from México

United States Retreat

14 AMBASSADORS from 10 STATES gathered together in Pittsburgh for 2 DAYS of learning and collaboration.

" I am ready to dig in and start early with a MUCH better idea of how to do so. "

– Ambassador from US

Regional Pitch Events

40 Regional Pitch Events (RPEs) were held in **16 countries**, making it possible for **1,748 teams to pitch their ideas live** to local peers and judges, and for their families, friends, and other community members to see how much they'd accomplished during the program.

Regional Pitch Events were held in: Brazil, Canada, Chile, Georgia, Ireland, Italy, Kazakhstan, Mexico, Nigeria, Panama, Portugal, Romania, Spain, Turkmenistan, the United States, and Venezuela

Regional Pitch Celebration in Ireland

World Summit

For the final event of the 2024 season, in October we gathered **50 girls and their 15 apps for 1 week in Silicon Valley**.

Their visit included:

- Tours, field trips, workshops and more
- Connections with Technovation Alumnae in tech careers
- The Final Pitch Event, where finalist teams presented their projects live to panels of industry experts
  2024 season prizes were awarded

World Summit week included tours and workshops at ServiceNow, Electronic Arts, SoftBank, Stanford University, Netflix, Blue River, Salesforce, and Unity

Read the full recap

Program Impact

Girls Sharpen their Skills

Technovation Girls equips participants with a range of skills, both technical and professional.

Technovation Girls **builds girls' confidence** in their **technical abilities**, including their coding skills, AI development, and how to apply technology for social good. Through the business-building portion of the program, it also increases girls' **entrepreneurial abilities** and their **critical thinking skills**. And because the program is team-based, girls also develop skills like persuasion, communication, and teamwork, which are applicable to their future, regardless of their chosen career field.

70% of students reported **greater self-confidence** and self-efficacy

87% of Technovation Alumnae 18+ **plan to or are studying STEM degrees**

Reaching girls in Underserved Communities

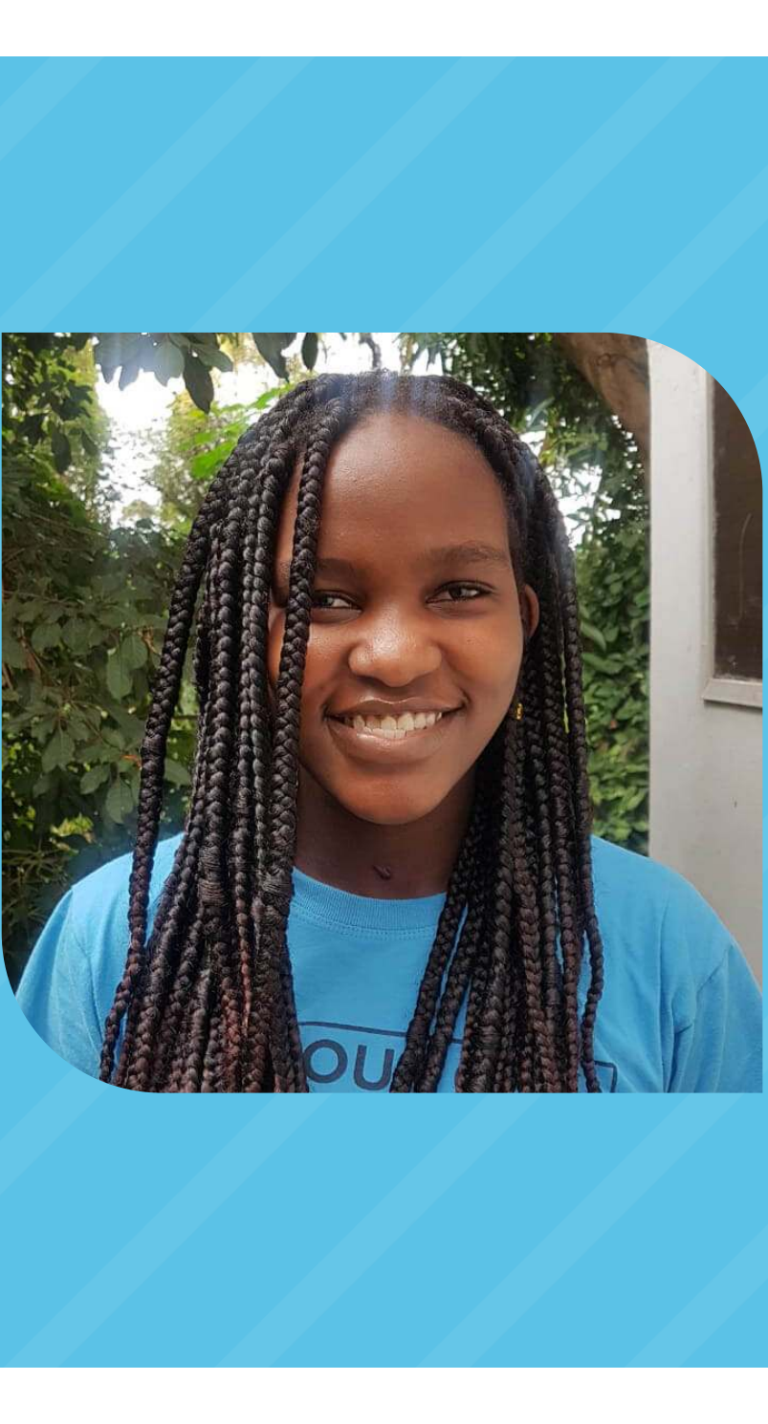
Technovation remains committed to empowering girls from underserved communities—those same communities that are most affected by global challenges like poverty and climate change...and often widely excluded from developing solutions to those problems.

Technovation is dedicated to fostering an inclusive environment where girls from every background receive the tools, support, and opportunities to thrive in STEM and beyond. We envision a future where no one is excluded or left behind in a fast-evolving technological world.

Because global definitions of "underserved" are so varied, Technovation tracks participation from girls in underserved communities using several metrics.

- 59% of participants are from low or middle income* countries
- 58% of participants attend schools that do not teach coding
- 19% of participants do not have regular or reliable access to the internet
- 86% of participants in the US and Canada identified as a race/ethnicity other than Caucasian

*As defined by 2022 data from the World Bank



> **"The greatest skill I ever learned through Technovation was how to learn.**
> **Once you figure out that you can learn anything and once you figure out how to learn anything, you become unstoppable."**
>
> — Michell Muchilwa,
> Technovation Alumna from Kenya

Volunteers: Powering our Impact

Volunteers are crucial to the success of Technovation Girls. Volunteers share their time and expertise with girls and create a learning environment that gives girls the opportunity to grow as leaders and build their sense of belonging in STEM.

Volunteers fulfill a range of roles across the program. This year we were proud to work alongside more than 6,000 volunteers doing all sort of incredible work:

- 4,000 Mentors supported teams
- 2,300 Judges gave feedback to teams
- 130 Chapter Ambassadors ran the program locally in their communities
- 115 Student Ambassadors supported the program locally in their communities
- 66 Club Ambassadors ran the program locally in their communities
- 33 Coaches helped teams troubleshoot specific problems in 1:1 sessions

Read the volunteer impact report

Impact on Volunteers

Our **6000+ volunteers** have a huge impact on the girls they support, and their communities—but the experience also **impacts volunteers**. Sharing their expertise and attention can be transformative for mentors and judges as well as the students.

"Serving as a judge provides me with a front-row seat to witness the creativity and potential of tomorrow's leaders, builders, and entrepreneurs."
— Judge, 2024

96% of volunteer mentors reported increased **sense of purpose and fulfillment** after volunteering with Technovation

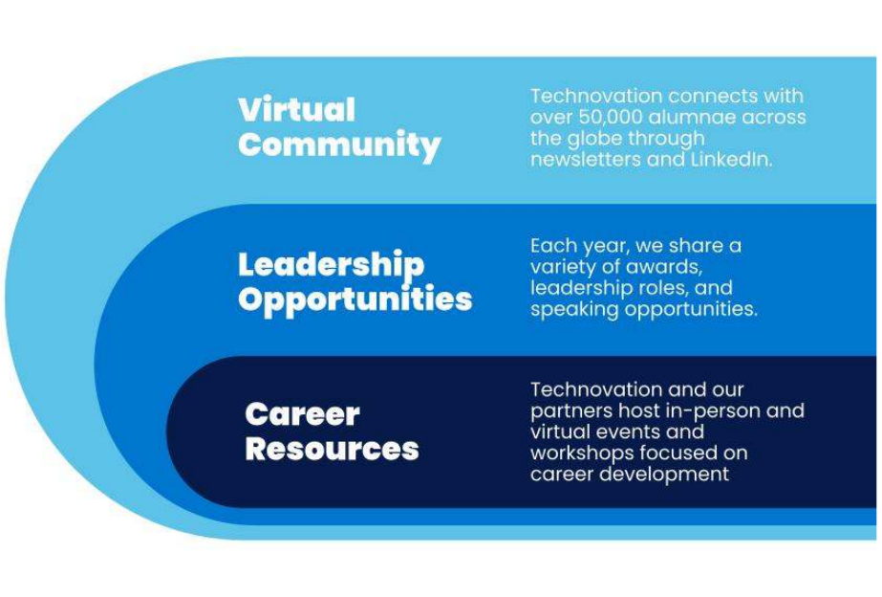
98% of volunteer mentors increased their work-related skills like **leadership, project management, and mentoring**

> **"In an African context, especially in Tanzania, females are used to being the center of transferring knowledge to generations, that's why we have a Swahili saying, "Ukimuelimisha mtoto wa kike, umeelimisha jamii" meaning if you educate a girl, you have educated the community."**
>
> Kelvin Paul, Technovation Mentor and social entrepreneur

Supporting Alumnae

Technovation offers support and engagement to all of our alumnae in a variety of ways, including special access to:

- a supportive global network of peers
- Leadership opportunities
- exclusive resources and opportunities
- professional development workshops



Technovation connects with over 50,000 alumnae across the globe through newsletters and LinkedIn.

Each year, we share a variety of awards, leadership roles, and speaking opportunities.

Technovation and our partners host in-person and virtual events and workshops focused on career development

Alumnae Leadership

Technovation offers several leadership opportunities to alumnae, including two new opportunities created in 2024. These opportunities include:

The **Student Ambassador program**, in which alumnae help recruit girls and act as champions and ambassadors for our program.

Speaking opportunities at high profile events including conferences and UN side-events

Prizes and recognition for accomplishments and achievements, including the Alumnae Changemaker Award

NEW **Community Builders Program:** alumnae leaders build community online by developing and sharing content and resources related to Technovation Girls

NEW **Student Club Leaders:** Alumnae (ages 13-17) who run a Technovation Student Clubs, and guide, teach, and motivate participants to complete the program

Career Development

Technovation offers several career-focused events and speaking opportunities to alumnae each year. In 2024, these events included:

Winter Networking Event
Region: Global

Virtual Tech Career Journeys meet-up
Region: Nigeria

Summer Networking Event
Region: Global

In-person networking event with Shopify
Region: Canada

Side Event to the UN General Assembly
Region: United States

2024 Technovation World Summit
Region: United States

Long Term Impact on Alumnae

97%

report that Technovation helped them improve their skills: including coding, leadership, teamwork, problem-solving, confidence, and making an impact on their community.

91%

report that their involvement in Technovation gave them a sense of belonging in STEM

80%

report that they are more equipped to achieve their goals because of their participation with Technovation's alumnae community.

MEET ARUZHAN, TECHNOVATION ALUMNAE FROM KAZAKHSTAN

Aruzhan is a software engineer who has interned with Fidelity Investments and Morgan Stanley and whose work has been featured by the BBC.
But before that, she was a Technovation Girl. She created QamCare, the first personal security application in Kazakhstan, to help keep people safe by sending their location to trusted contacts. She won the Technovation grand prize in 2017 for her app and continued to sharpen her skills at Breakthrough Tech AI at MIT.
Her sensitivity and extensive knowledge of machine learning models help make girls safer in her own community and around the world.

The AI Forward Alliance

TAIFA: Year in Review

Year one of The AI Forward Alliance (TAIFA) was incredible. By uniting forces with leading NGOs, universities, and corporations, we're accelerating our mission to empower 25 million girls through AI, coding, and entrepreneurship.

Our Vision: A world where every girl has the opportunity to shape the future through technology.

- Empowered 31,000 girls to develop 3,200 tech solutions, including 745 AI-powered innovations.
- Mobilized 4,000 mentors to guide and inspire young talent.
- Invested $822,650 in local chapters to expand their reach and impact.

Technovation's speakers for our side-event for the 2024 Commission on the Status of Women

Back Row: Sidney Quyen Hough (Chord), Kevin Frey (Generation Unlimited), Cynthia Breazal (MIT), Sana Khareghani (Responsible AI UK)
Front Row: Rebecca Anderson (Technovation), Dr. Irina Mirkina (UNICEF), Regina Athie (Cuéntame), Laura Montells (Metricool), Wycliffe Otieno (UNICEF), Elspeth McOmish (UNESCO), Tara Chklovski (Technovation), Maliha Quadir (Shohoz), Pasang Wangmo, Fatou Yeli Kourouma

Explore all of our 2024 events

Event: March 12, 2024 | New York City

CSW: A World of AI Driven Tech: Addressing a Global Talent Gap

Technovation and UNICEF brought together leading voices from different fields who have used their tech expertise to excel for a morning of panels, presentations, and networking.

Our goal was to emphasize to young women that tech education is a powerful way to break the glass ceiling and be champions and leaders of empowerment for other girls.

This event was also opportunity to galvanize the support of industry leaders and get their commitment to empowering girls and young women all over the globe.

Event Overview

Event: September 19, 2024 | New York City, US

UNGA: 25 Million Future Shapers Forum

The 25 MILLION FEMALE FUTURE SHAPERS sideline event at UNGA's Summit of the Future, hosted by TAIFA, elevated the issue of gender equality in AI. **This forum showcased the progress made in achieving gender parity in leadership and discussed strategies to address structural barriers hindering women's participation in the tech industry.**

This event was an opportunity to accelerate progress towards a more equitable and innovative future, where girls and young women are empowered to shape the AI revolution.

Read the concept note