



COMMUNITIES USING TECHNOLOGY FOR CHANGE

technovation.org

A way to find safe drinking water. A tool to identify and remove invasive species. Air quality monitors. Tools to detect lethal fake drugs. Apps to help lonely kids connect.

Join our global tech education network and empower girls to become leaders, creators and problem-solvers. Technovation's program **Technovation Girls** invites girls ages 8-18 to use technology to solve big problems in their communities.

A global network of problem-solvers

218,000 YOUNG PEOPLE

51,000 VOLUNTEER EDUCATORS, MENTORS, JUDGES, AND AMBASSADORS

120+ COUNTRIES

12,000 SOLUTIONS TO COMMUNITY PROBLEMS
and counting...

OUR COMMUNITY IS CHANGING THE WORLD.

After participating in Technovation, 80% of students are more confident in their ability to solve problems – with good reason. Our alumni have shared their ideas with **prime ministers**, presented at the **U.S. White House**, been featured in **Forbes**, **Reuters**, and the Wall Street Journal, started their own companies, and even been named **TIME Magazine’s first ever Kid of the Year**.



Team TMWZ lives in Gaza where they face the threat of airstrikes and the destruction they cause—including fires. To help their peers develop life-saving fire safety skills, Team TMWZ developed a game that teaches basic fire safety.



Team Maji from the United States created a mobile application that uses artificial intelligence deep learning to determine whether a community’s drinking water is safe based on real-time crowdsourced and local testing data.



Team D3c0ders developed a mobile app to combat high rates of domestic abuse in Albania by providing information and offering legal, psychological and medical consultation options and an SOS emergency hotline.



“In Kazakhstan, four people go missing every day. So we thought ‘Why wouldn’t we create an app that at least would help start finding these people from their last location?’”

Aruzhan and her Technovation Girls team developed a prototype application, QamCare, and won first place at Technovation’s world pitch event. Since then, they’ve continued to work on QamCare, bringing it to market in 2018 – and last year **QamCare helped rescue a kidnapping victim.**

[Read more about Aruzhan’s solution >](#)

LET'S CHANGE THE WORLD TOGETHER.

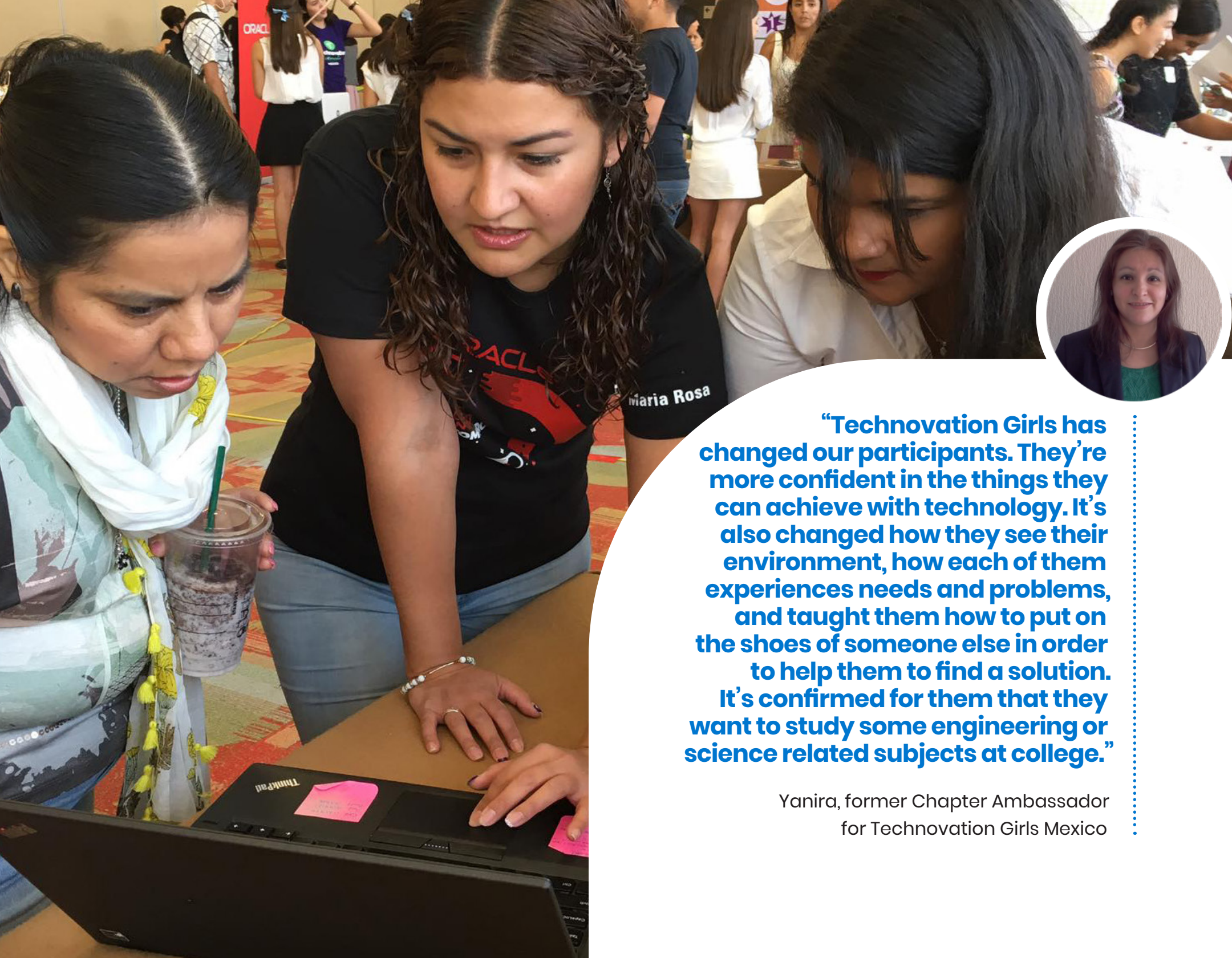
Make sure everyone is equipped for the future by inspiring future leaders and problem solvers.

Inspire future leaders and problem solvers with Technovation. Technovation sparks girls' curiosity and invites them to explore how cutting-edge technologies like artificial intelligence work...and then apply what they learn so they can solve the problems they care about most—like climate change, poverty, and health.

Technovation Girls is open to groups of all sizes, from schools to small clubs. The program equips young women (ages 8–18) to become tech entrepreneurs and leaders. With the support of volunteer mentors, girls work in teams to code mobile apps & AI prototypes that address real-world problems.

There's a role for you with Technovation — let's find it.





“Technovation Girls has changed our participants. They’re more confident in the things they can achieve with technology. It’s also changed how they see their environment, how each of them experiences needs and problems, and taught them how to put on the shoes of someone else in order to help them to find a solution. It’s confirmed for them that they want to study some engineering or science related subjects at college.”

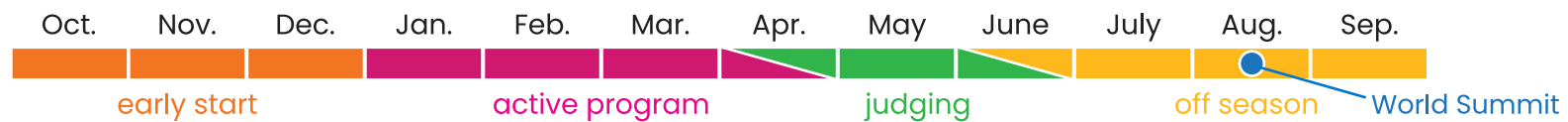
Yanira, former Chapter Ambassador
for Technovation Girls Mexico

FIND YOUR ROLE

Opportunities comparison:

	Chapter Ambassador	Club Ambassador	Mentor	Judge
Virtual or in-person opportunity for...	Multi-site organizations & individuals	Small organizations & individuals	Individuals & small teams	Individuals
Typical number of teams supported	7+	5+	1-4	5+
Requirements & Responsibilities:				
Time commitment (over 4-6 months)	5+ hours/week	2+ hours/week	1+ hours/week	3+ hours total
Requires Internet access	●	●	●	●
Recruit participants	●	●	encouraged	
Recruit mentors and/or judges	●	encouraged		
Organize events	encouraged	encouraged		
Technovation Provides:				
Training	●	●	●	●
Curriculum	●	●	●	
Marketing collateral files	●	●		
Individual support	●	●		
Mini-grant opportunities	●			

Technovation Program Timeline



Be a Chapter Ambassador

Lead change in your community

Chapter Ambassadors lead Technovation Girls and reach large numbers of girls in their communities. in their community. This is a great opportunity if you are part of an organization that works with many girls or if you work in many locations where you can recruit girls to participate in the program. While experience leading youth STEM programs is beneficial, this is also a great opportunity if you or the organization you represent would like to start offering STEM opportunities to girls. Driven individuals may also volunteer as Chapter Ambassadors with great success!

Chapter Ambassadors spend 5+ hours per week from October–May, and support 7+ teams (1-5 girls per team). Time is spent recruiting program participants, industry mentors, organizing launch and/or celebration events, and organizing regular meetings to work through the curriculum. Technovation provides training, program curriculum, mentor recruitment support, marketing collateral, and mini-grant opportunities.

Complete our [Chapter Ambassador application](#) to be considered for a chapter.



Be a Club Ambassador

Bring together the ideas that will change the world

Help girls in your community learn and create solutions to real problems using technology. This is a great opportunity to pilot Technovation Girls in your community. Club Ambassadors spend at least 10 hours a month on Technovation Girls responsibilities over 5-6 months and support at least 5 teams (1-5 girls per team). Club Ambassador responsibilities can be shared between multiple people per organization.

Technovation provides training, program curriculum, support, and marketing materials.

Explore our **Club Ambassador Starter Kit** to get started!



Become a mentor

Guide girls to be leaders and problem-solvers

This is a great opportunity to be a supportive role model for the next generation of leaders. No experience in technology is needed to become a mentor, only a willingness to learn.

Work with 1 or more teams of girls for 1-2 hours per week over the course of 12 weeks to identify a problem in the community and create a tech-based solution. Technovation provides training and mentor support materials, as well as a global community of volunteers to network with.

Register as a Technovation Girls mentor >



“BEING A TECHNOVATION MENTOR IS ONE OF THE MOST SATISFYING EXPERIENCES OF MY PROFESSIONAL CAREER. GIRLS GET SO MUCH IN JUST 12 WEEKS THAT YOU WONDER HOW COMPANIES TAKE YEARS TO LAUNCH A PRODUCT.”

– Alicia, Technovation Mentor of the Year 2019



Become a Judge

Give girls around the world feedback on their projects and encourage them to keep building

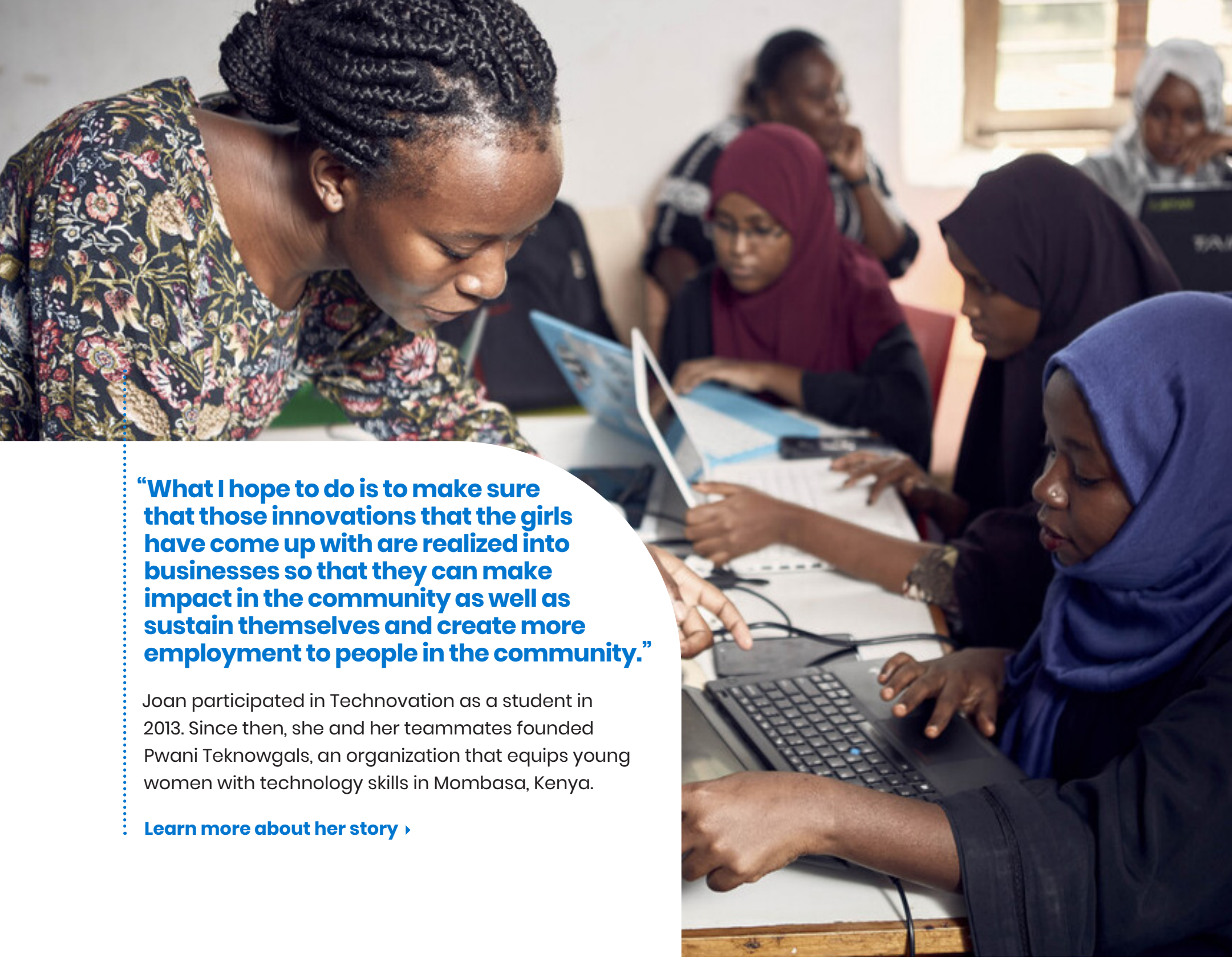
Volunteering as a Technovation judge is a great way to get involved with Technovation Girls. Spend 3+ hours reviewing teams' submissions to the competition and providing feedback to help them develop their ideas even further.

You don't need a tech background to judge Technovation Girls submissions, and when the judging windows are open, you can review submissions whenever your schedule allows.

Your attention and constructive feedback help girls develop their confidence and belief in their abilities.

[Register as a Technovation Girls judge](#) ▶





“What I hope to do is to make sure that those innovations that the girls have come up with are realized into businesses so that they can make impact in the community as well as sustain themselves and create more employment to people in the community.”

Joan participated in Technovation as a student in 2013. Since then, she and her teammates founded Pwani Teknowgals, an organization that equips young women with technology skills in Mombasa, Kenya.

[Learn more about her story >](#)



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