



Teens in AI



**AI4GOOD
INCUBATOR**

Report

2024

Sage

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Preface

Message from the CEO

At Teens in AI, we are delighted to be sharing 2024's AI4Good Incubator Report with you.

Our annual AI4Good Incubator engages teens aged 12 to 18 in a global five-day, virtual bootcamp style programme where they build a tech-based project inspired by a climate-related United Nations Sustainable Development Goal. **This year, we engaged some 80 young people from 15 countries to develop technology-for-good based on Sustainable Development Goal 13 - 'Climate Action'**. Their creativity was truly inspiring, leaving the Judges with an exceptionally tough decision in choosing the winning team!

We hosted expert Judges, Speakers and Mentors from **our valued Platinum Partner, Sage and Sage Foundation, and other organisations including The Alan Turing Institute**, who joined us in inspiring these enterprising young minds into the fields of AI and AI ethics, technology and design thinking.

Diversity and inclusion are core to our values, particularly for under-represented communities. This year, **75% of our participants came from diverse ethnic backgrounds**, and **58% identified as female or non-binary**. These figures reflect our commitment to balanced representation in the future leaders of technology. Our "Impact in Numbers" section stands as a testament to this commitment. The AI4Good Incubator remains a vehicle for promoting equal opportunities, powered by strategic partnerships like the one we are proud to share with Sage, who are equally dedicated to **breaking down barriers for diverse talent in the tech industry**.

Together with Sage, we are working to remove obstacles and create pathways for all young people—igniting change, one teen at a time.

Elena Sinel

Founder & CEO, Teens in AI



Elena Sinel
Founder & CEO
elena.sinel@teensinai.com



Our AI4Good Incubator 2024 Partners

Platinum Partner

Sage

Valued Partner

**The
Alan Turing
Institute**

Contributing Partners

**McKinsey
& Company**

CTIC

Google

**Schneider
Electric**

 **THE NATIONAL
ROBOTARIUM**
PEOPLE CENTRED :: INTELLIGENCE DRIVEN





Teens in AI

Programme Overview

Igniting change, one teen at a time

“ I greatly enjoyed the programme, as it allowed me to learn more about a rapidly [growing] industry as my own future is approaching, allowing me to develop my understanding of AI and its ethics. Getting to meet new people from around the world was a valuable experience, and being able to work together to think creatively and problem-solve was great fun ... The masterclasses were highly engaging. I would definitely recommend it to more people next year!

~ Hanifa, Uzbekistan, 17

Programme Overview

Connecting people. Improving circumstances. Transforming lives.

The AI4Good Incubator, a global five-day, virtual bootcamp style programme, is a gateway to making a tangible impact on the world. Teens aged 12 to 18 learn vital skills that drive innovation to solve today's problems using cutting-edge technologies.

At the 2024 AI4Good Incubator, we ignited a revolution, empowering **over 80 motivated teens from around the world** to embark on a transformative journey to shape the future. This year's challenge was **UN Sustainable Development Goal 13, focused on 'Climate Action'**. Through their projects, participants tackled the vital issues of protecting, restoring, and promoting the sustainable use of terrestrial ecosystems, responsibly managing forests, combating desertification, and halting biodiversity loss. **Harnessing the power of AI and entrepreneurial thinking, participants broke down barriers to create innovative solutions that directly contribute to the preservation of our planet's natural environments.**

Breaking down barriers is central to the AI4Good mission. We believe that diversity and inclusion are key drivers of innovation. This year, **58% of our trailblazing participants identified as female or non-binary**, illustrating to the world that AI and entrepreneurship have no gender boundaries. The Incubator provided a platform where young minds - regardless of their backgrounds - could learn, collaborate, and bring their innovative ideas to life.

Participants joined from countries including the United Kingdom, Czech Republic, France, Ghana, India, Kazakhstan, Lebanon, Romania, South Africa, Spain, Tunisia, Turkey, UAE, Ukraine, and Uzbekistan. **With representation from such diverse regions, we are continually breaking down geographic and cultural barriers**, proving that when it comes to innovation and entrepreneurship, the potential to create meaningful change is truly global.



Programme Overview

How it works

Throughout the bootcamp, teen participants, organised into teams of 4-5, **engage in a process of ideation, brainstorming, and solution development.** The challenges presented during the Incubator are often drawn from real-world scenarios, enabling teenagers to apply their acquired design thinking skills over the course of the programme and develop solutions that solve actual problems they see in their everyday lives.

The ultimate goal is to craft an innovative and impactful MVP that addresses a chosen problem while adhering to the principles of Responsible AI.

Once this solution and MVP have been developed, the teams will pitch their solutions to the Judges in a short presentation for a chance to win the AI4Good Incubator.



Theme and Challenges

In line with our event theme, '**Green Minds, Bright Futures**, we strategically aligned the Incubator challenges with the critical United Nations Sustainable Development Goals (SDGs) Goal 13 - Climate Action.

Centred around this SDG, **a curated set of How-Might-We questions were crafted to empower participants in conceptualising solutions aligned with their selected HMW statement.**



Programme Overview

The Challenges

Each team was assigned one UN Sustainable Development Goal Challenge, with each choosing an associated "How-Might-We" question.

The Climate Crisis is a **worldwide crisis**. Our planet has been in a climate crisis for at least the last decade. The lack of consensus and cooperation for this urgent issue means that if no immediate action is taken, the current issues will continue to grow exponentially. If we don't act now, the human race will not be able to **preserve our world for future generations** to experience.

How-Might-We Questions

- **How** might we leverage technology to monitor and reduce urban heat islands in rapidly growing cities?
- **How** might we use data analytics to predict and mitigate the impacts of extreme weather events on vulnerable populations?
- **How** might we improve waste management systems to minimise methane emissions from landfills?
- **How** might we develop scalable solutions to enhance the resilience of local coastal communities against rising sea levels and increased storm surges?
- **How** might we engage and empower employees at all levels of a corporation to actively participate in and contribute to the company's ESG goals and initiatives?

Partner-provided How-Might-We Questions

- **How** might we better understand and map the climate impact of current and increased AI usage?
- **How** might we develop solutions to minimise the environmental impacts identified from AI usage?
- **How** might we present information to AI product users to help them understand and mitigate their environmental impact?



Programme Overview

Format of the bootcamp

Day 1 ~ Understand

Participants began by framing their challenge through a **"How Might We"** question, developing a clear **Problem Statement**, and **identifying the demographic or persona they would interview**. They then crafted **User Research Tools** such as surveys and interview questions to deeply understand their audience's needs and pain points.

Day 2 ~ Ideate

Participants generated creative solutions and **developed a persona** to embody their target user, **developed a value proposition canvas**, and **decided on a potential solution**. They also **conducted competitor analysis** and explored how AI would enhance their idea.

Day 3 ~ Prototype

The teams **mapped out the ethical implications of their AI-driven solution**, drafted a **value proposition statement**, and built a **Business Model Canvas**. They then began prototyping their solution, with coding or backend work being optional at this stage.

Day 4 ~ Validating and Testing

Participants **conducted user research to validate their solution**. They worked on refining their pitch deck and outlined the technologies and platforms that supported their project.

Day 5 ~ Showcase at DEMO DAY!

Demo Day provided teams with the **opportunity to pitch their ideas and showcase their prototypes to a panel of judges**. This not only demonstrated their progress but also provided an invaluable opportunity to receive feedback. The insights gained could help teams refine their solutions and continue developing them beyond the Incubator, fostering long-term innovation.





Teens in AI

Impact in Action

Increasing diversity and digital inclusion

“ I always thought that this Incubator would be very helpful in understanding the future of AI and learning about AI only. But it was so much more. I learned skills that will always be helpful, and met new amazing people. This week has been one of the most fulfilling experiences. I am positive that the skills I have grasped during my time will help me fulfil my goals. For that, I thank all of you – without whom I would have never been able to continue this adventure.

~ Emir, Tunisia, 17

Our Impact in Numbers 2024

AI4Good Incubator



Notes:

Diverse ethnic backgrounds ~ Black/African American, Hispanic, Latino/Spanish, Middle Eastern/North African and Asian; The balance includes 'Other Ethnic Background' not stated, 'Prefer Not To Say', and White/Caucasian.

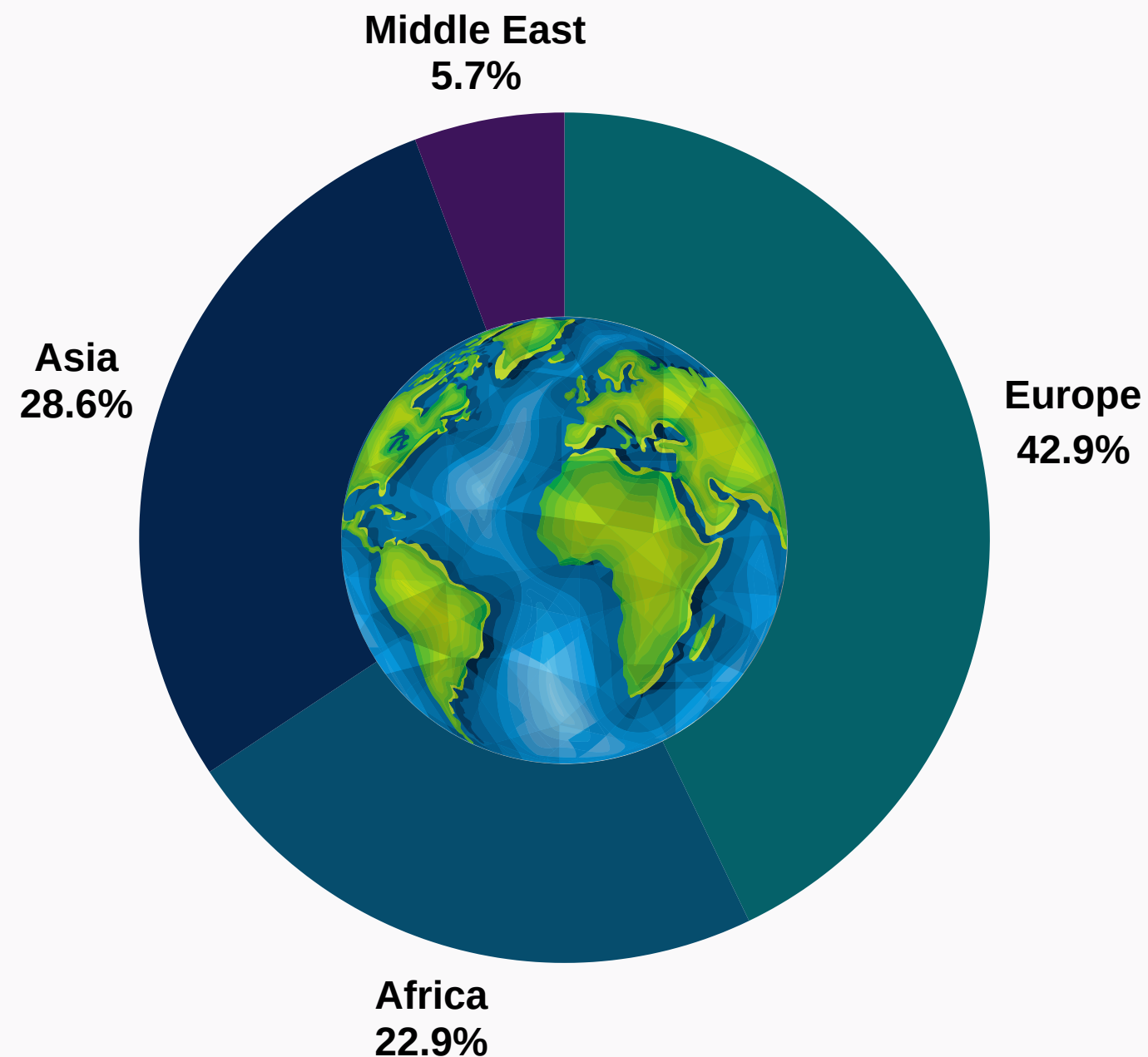


Our Global Reach



Impact in Action

Geographically diverse participation



Showcasing the diversity of participant representation based on registered participants, the data is split by participant origin.

This year we saw a shift from last year's highest ranking region, Africa - which stood at 63% - to Europe this year at 43% representation. We saw a significantly increased representation from Asia equalling Africa this year.

This increase underpins our mission to identify youth from diverse ethnic backgrounds, but also those from lower socio-economic communities.



Impact in Action

miro | UHI | Main menu

Frame 1

Problem

- Increasing heat in urban areas
- who is being affected?
- people living in these cities (Urban areas, which occupy only 0.5% of the Earth's land surface, host more than half of the world's population)

Why?

- low albedo: dark surfaces like asphalt and concrete (absorb and convert it into heat)
- heat retention: these materials retain heat longer, releasing it gradually even after the sun set
- lack of vegetation (reduce evapotranspiration, shade reduction)
- buildings designs: heat emission by building (cooling systems)/tall building trap heat and limit air circulation
- wasted energy: transportation /air conditioning release heat into the environment
- air pollution: trap heat in the atmosphere /intensifying the UHI effect (urban heat island)

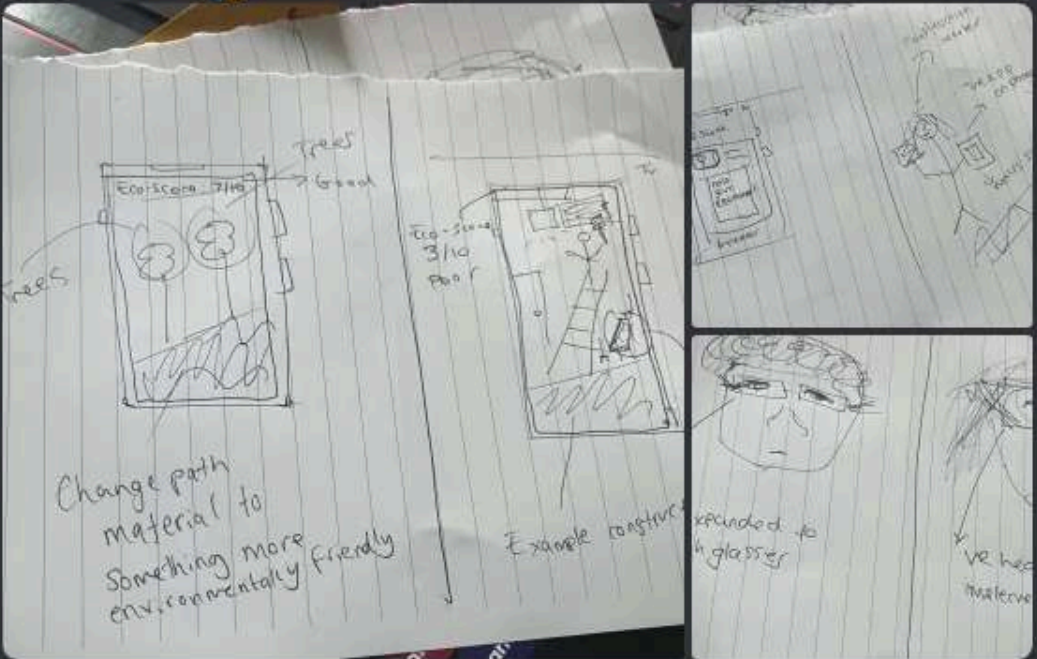
Urban heat islands in rapidly growing cities

Solutions

- satellite imagery: provide extensive data on land temperatures
- ground based sensors: provide real time data, helping to pinpoint areas of extreme heat
- citizen science: engaging citizens to collect data through smartphones apps
- green infrastructure (using technology to optimize the placement of green roofs)
- cool surfaces: analyse building materials to identify opportunities to incorporate heat reflective surfaces
- energy efficiency: optimizing energy distribution and demand response lowering greenhouse gas emissions/ implementing smart building systems can control heating, ventilation and air conditioning
- early warning system: utilizing data analytic to predict heat waves
- raising public awareness about heat-related risks
- From interviewer working in construction industry:
- Reusing waste materials in the construction of buildings such as fly ash (which is a nano material) from electricity production is one solution.
- This ensures that the building sector is making use of what is already being produced in the electricity sector thus minimising overall impact on carbon emissions."

Impact

- human health: increased heat-related illnesses(dehydration,heatstroke,respiratory problems)
-
- environmental:
- air quality issues (heat can increase ground-level ozone and other air pollutants)
- water quality higher/ water temperature (affecting aquatic life)
- energy consumption
- impact on ecosystems: disrupt local ecosystems and wildlife habitats



Change path material to something more environmentally friendly

Example construct expanded to high glassier

Competitor Analysis

Reatlegile Last Updated: 8/21/24 at 8:27 am

Cube

Strengths:

- CUBE excels in regulation. It can apply this to ESG.
- CUBE uses smart tech. This can help analyze complex ESG data.
- CUBE is global. This can help in the worldwide ESG trend.

Weaknesses:

- CUBE is new to ESG. It may take time to catch up.
- CUBE may find it hard to compete with ESG-focused companies.

Opportunities:

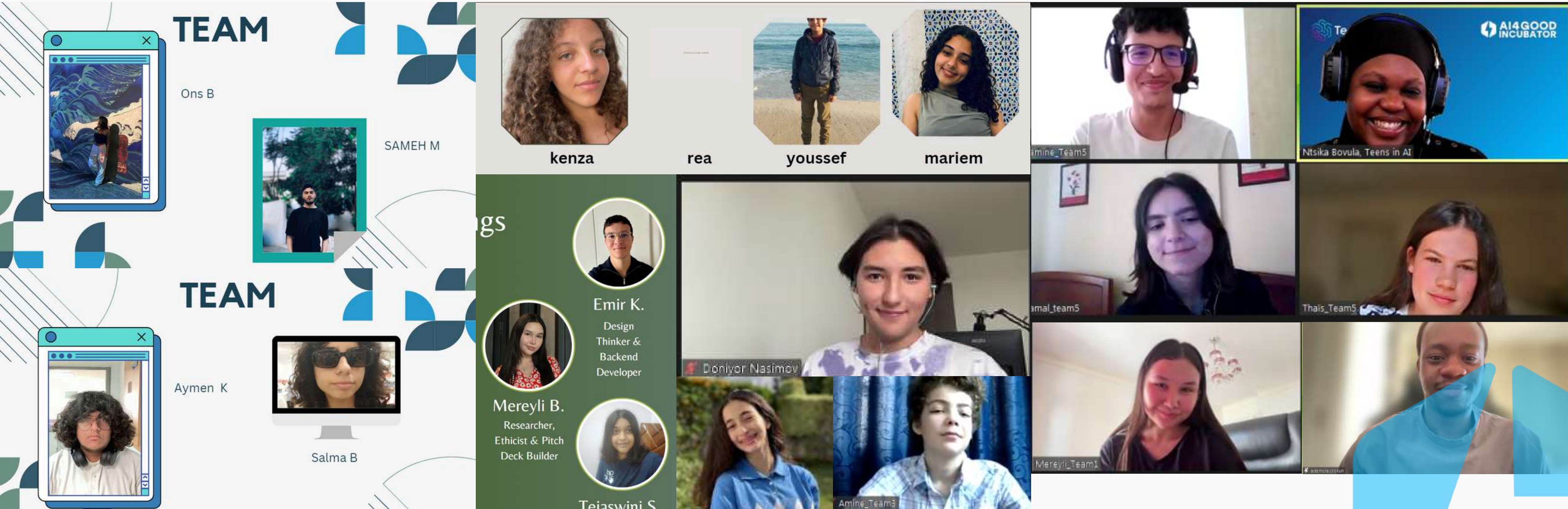
- ESG is important. Many businesses need help with it.
- More ESG rules mean more need for CUBE's services.

Threats:

- Other ESG companies exist. They may be tough to compete with.
- ESG rules can change quickly and be complex. This can be challenging.

How ideas become concepts

Impact in Action



TEAM
Ons B

TEAM
SAMEH M

TEAM
Aymen K

Salma B

kenza

rea

youssef

mariem

gs

Emir K.
Design Thinker & Backend Developer

Mereyli B.
Researcher, Ethicist & Pitch Deck Builder

Tejaswini S

Döniyor Nasimov

Amine_Team3

amne_Team5

Ntsika Bovula, Teens in AI

AI4GOOD INCUBATOR

amal_team5

Thais_Team5

Mereyli_Team1

ademir.celik



Teens in AI
Naz O

Hasina I

Naziba S

Eugene S

Bless Z

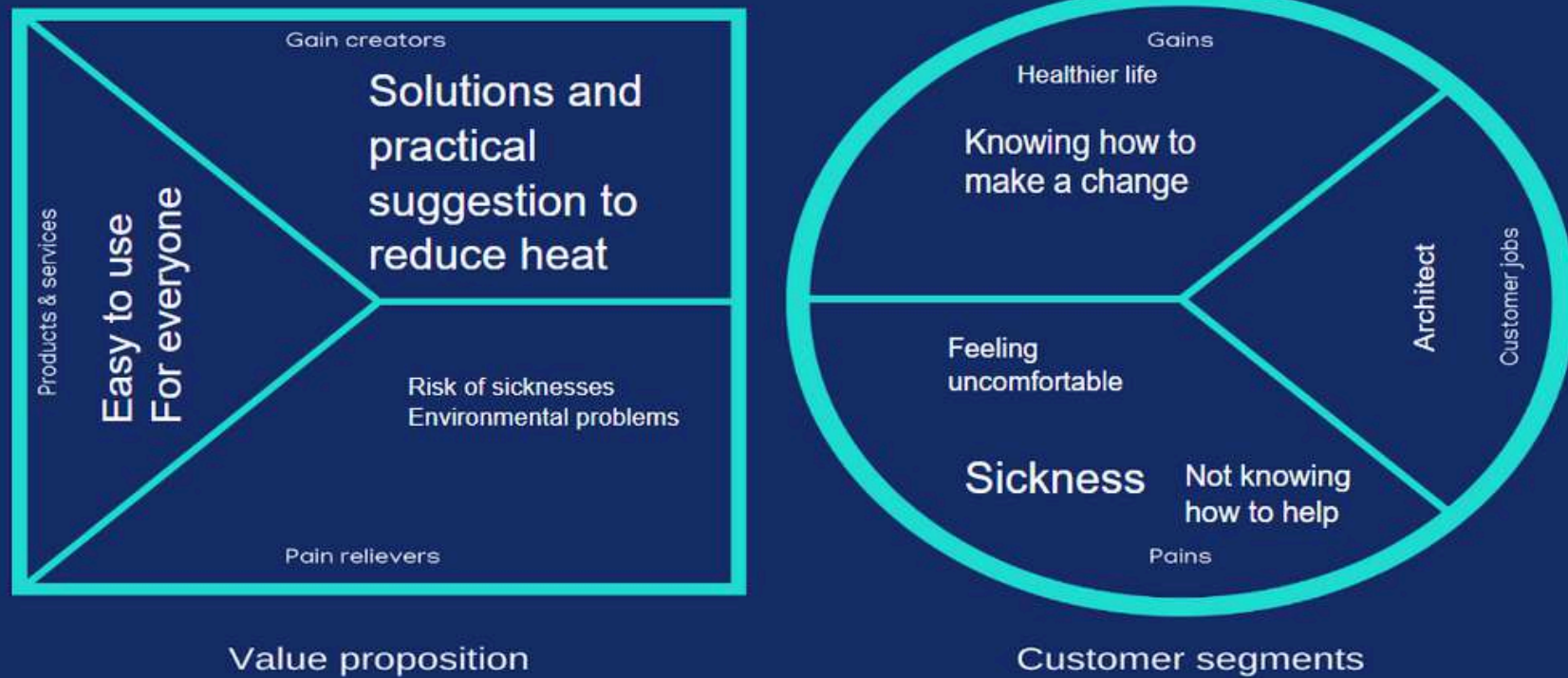
AI4Good Incubator 2024 Report

Making a difference.
One teen at a time.

Impact in Action



Value proposition canvas



OUR PERSONA

TEAM 10 : HEATSCAPE



Olivia Smith

facts

_ Won several architecture competitions
_ Her favourite book series is Harry Potter

pains

worried that her designs may aggravate the Urban Heat Island effect

Short Description

Age: 28
Location: London, U.K
Occupation:
Architect

- Enjoys playing tennis
- Done a course in first aid
- Loves art
- Donates regularly to disability awareness groups

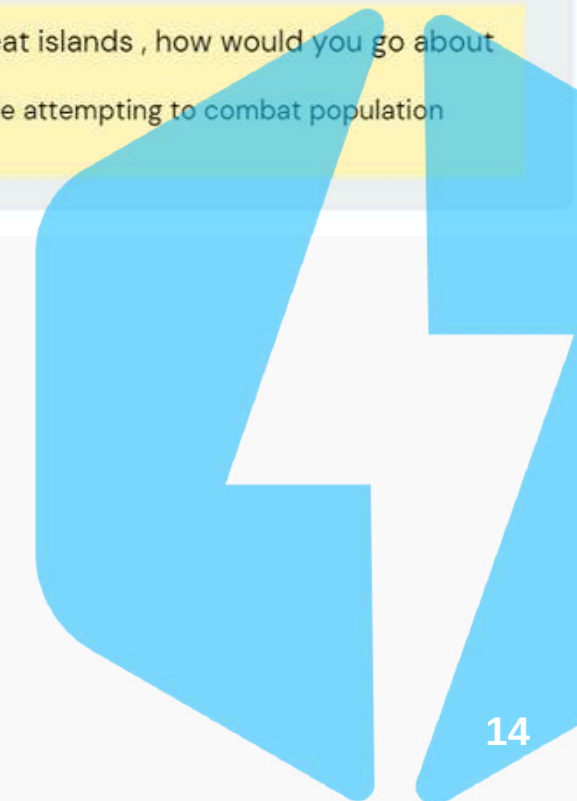
Needs

A way to help her find solutions to improve her designs in order to make them more appropriate for growing cities

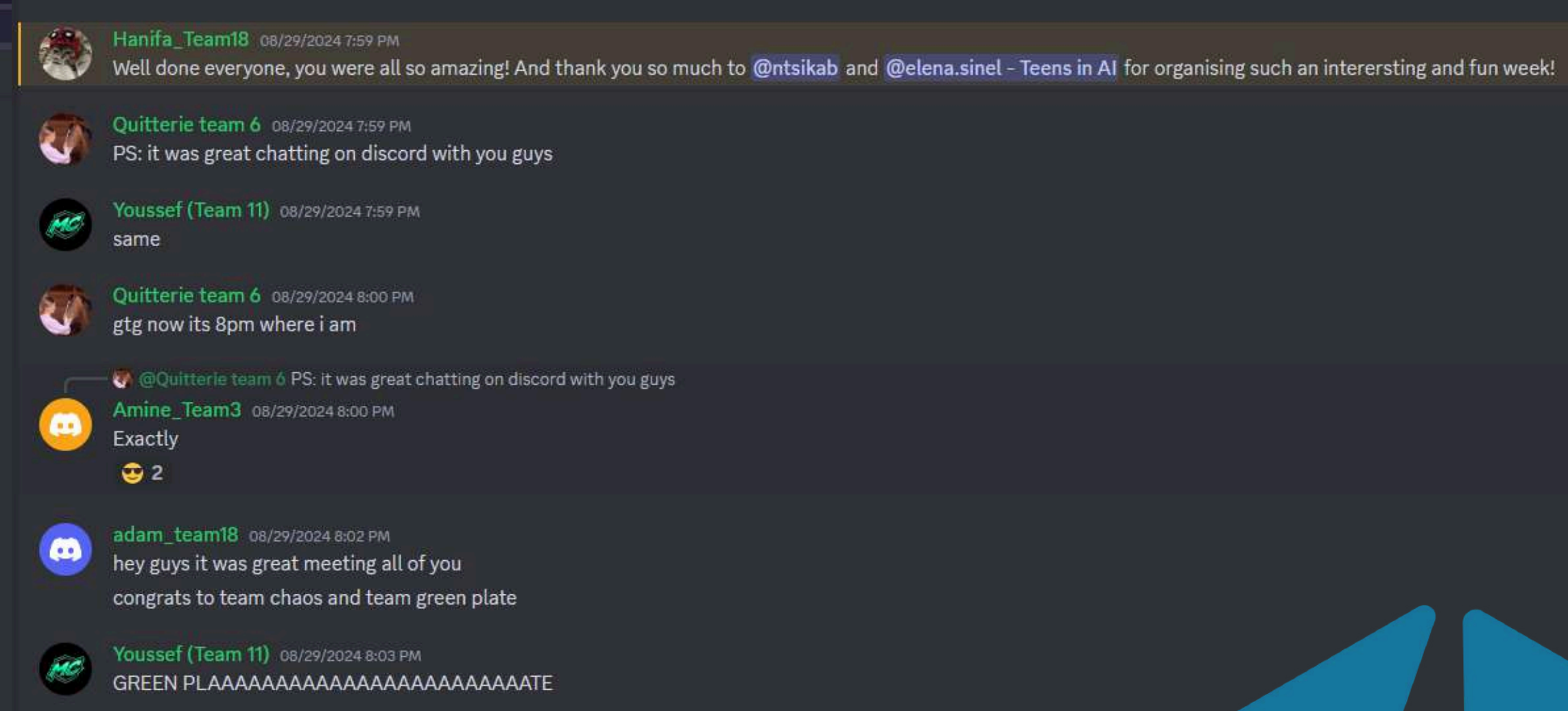
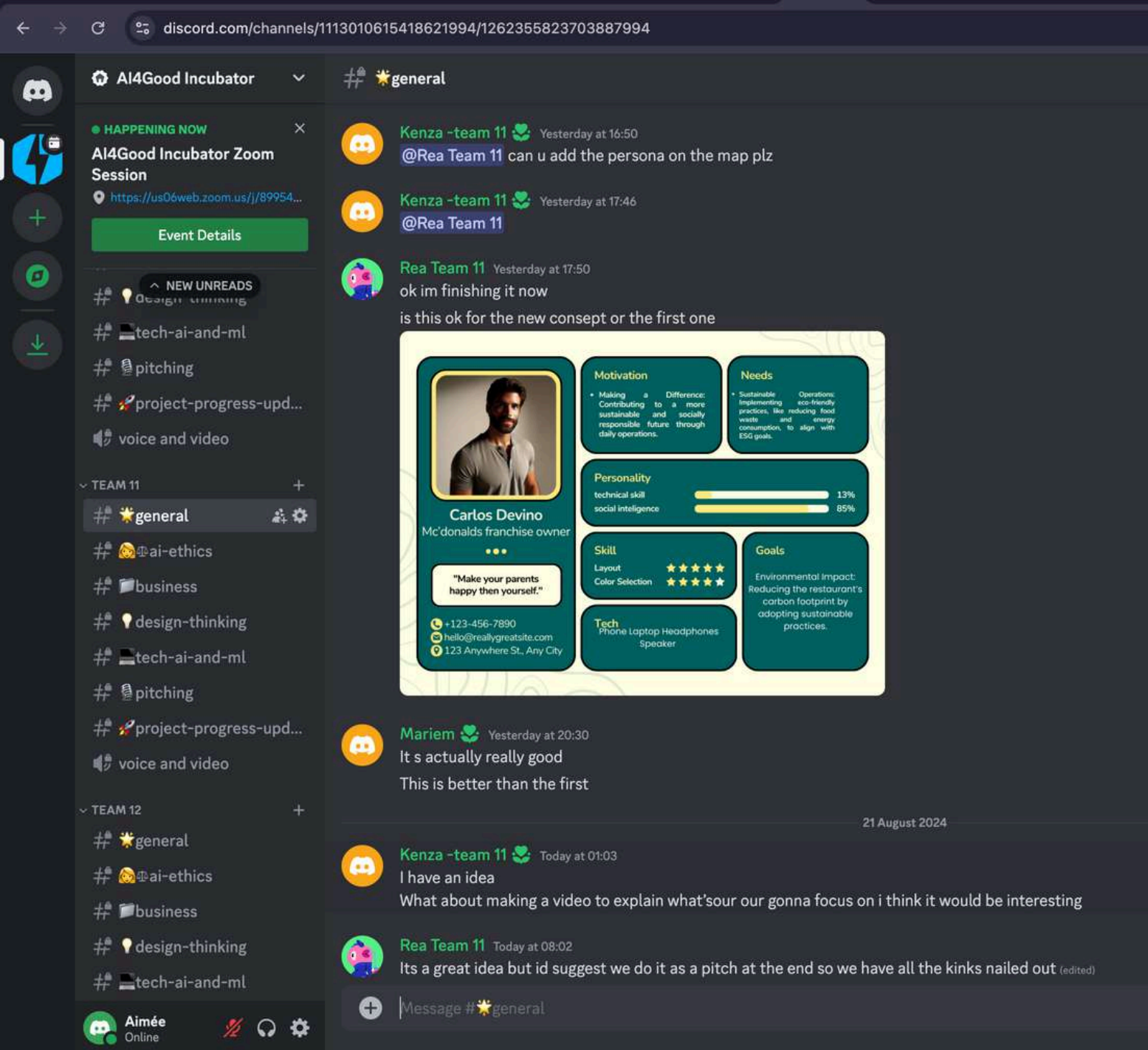
Quote

If you were going to develop a solution to minimise waste energy in order to reduce urban heat islands , how would you go about this?
_ I would repurpose old buildings for new uses which would minimise the production of energy while attempting to combat population increases.

From team-developed Value Proposition Canvases to concepts in action ~ new learning experiences for most participants



Impact in Action



How conversations become team building; how team building becomes an essential skill





Teens in AI

Diversity in Action

A focus on girls, non-binary and minorities

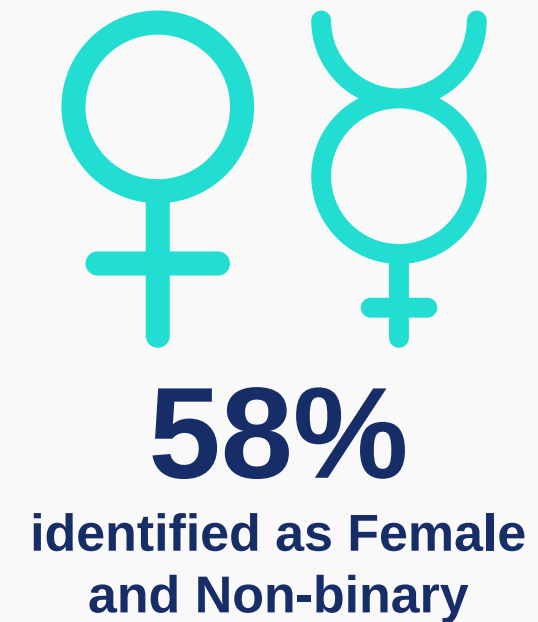
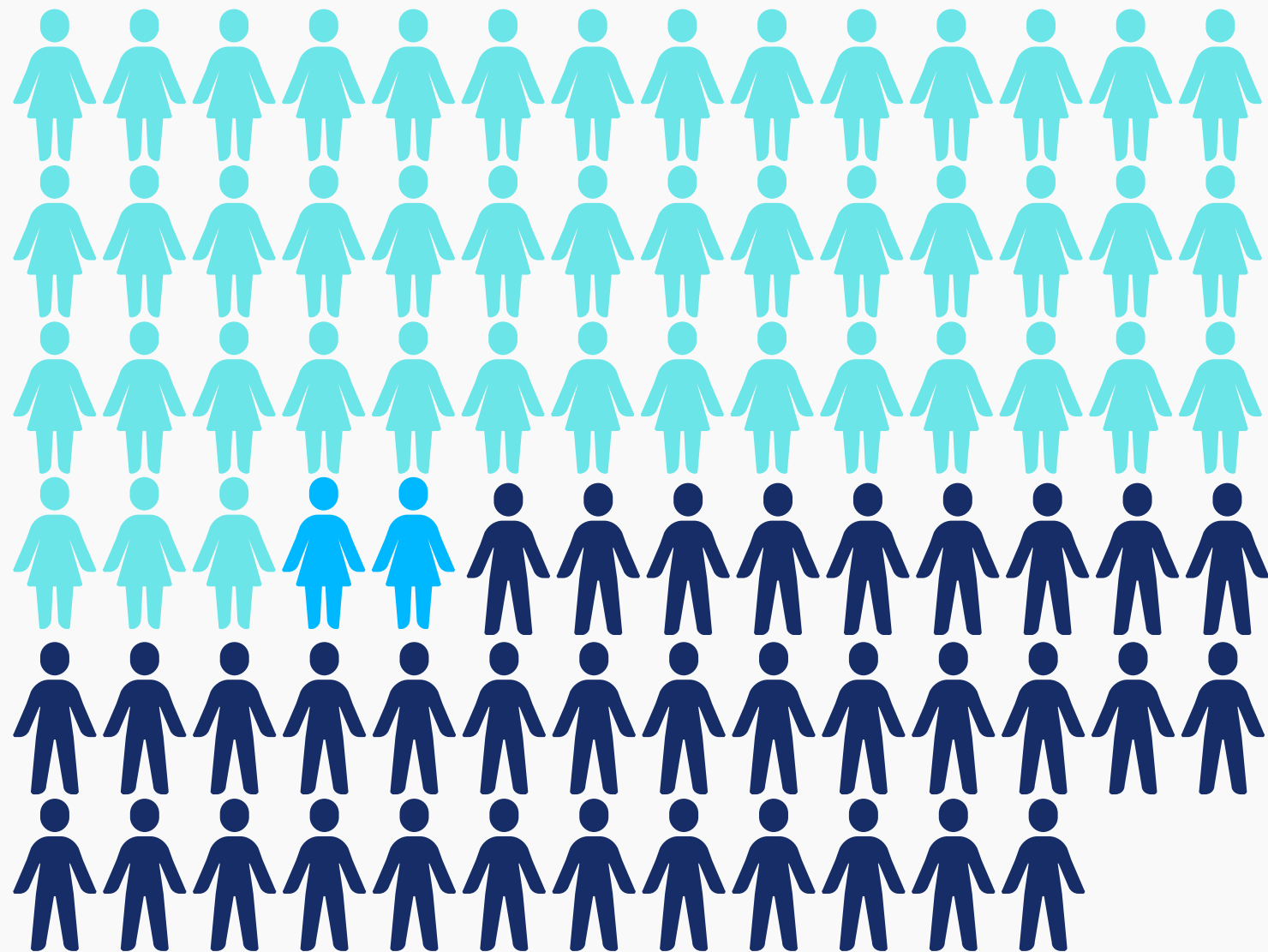
“ It was very inspiring, engaging and educational. I really learned a lot [including] how to work and cooperate with my team members who were very interactive, friendly and helpful. The programme was also very interesting. I thank the Mentors, Facilitators and the Teens in AI team for organising this course for teens like me to learn, be equipped with knowledge and also be empowered with AI skills. I really appreciate. THANK YOU.

~ Bless, Ghana, 14

Diversity in Action

Female and non-binary

The AI4Good Incubator 2024 saw a total of **82 registered participants** from around the world.



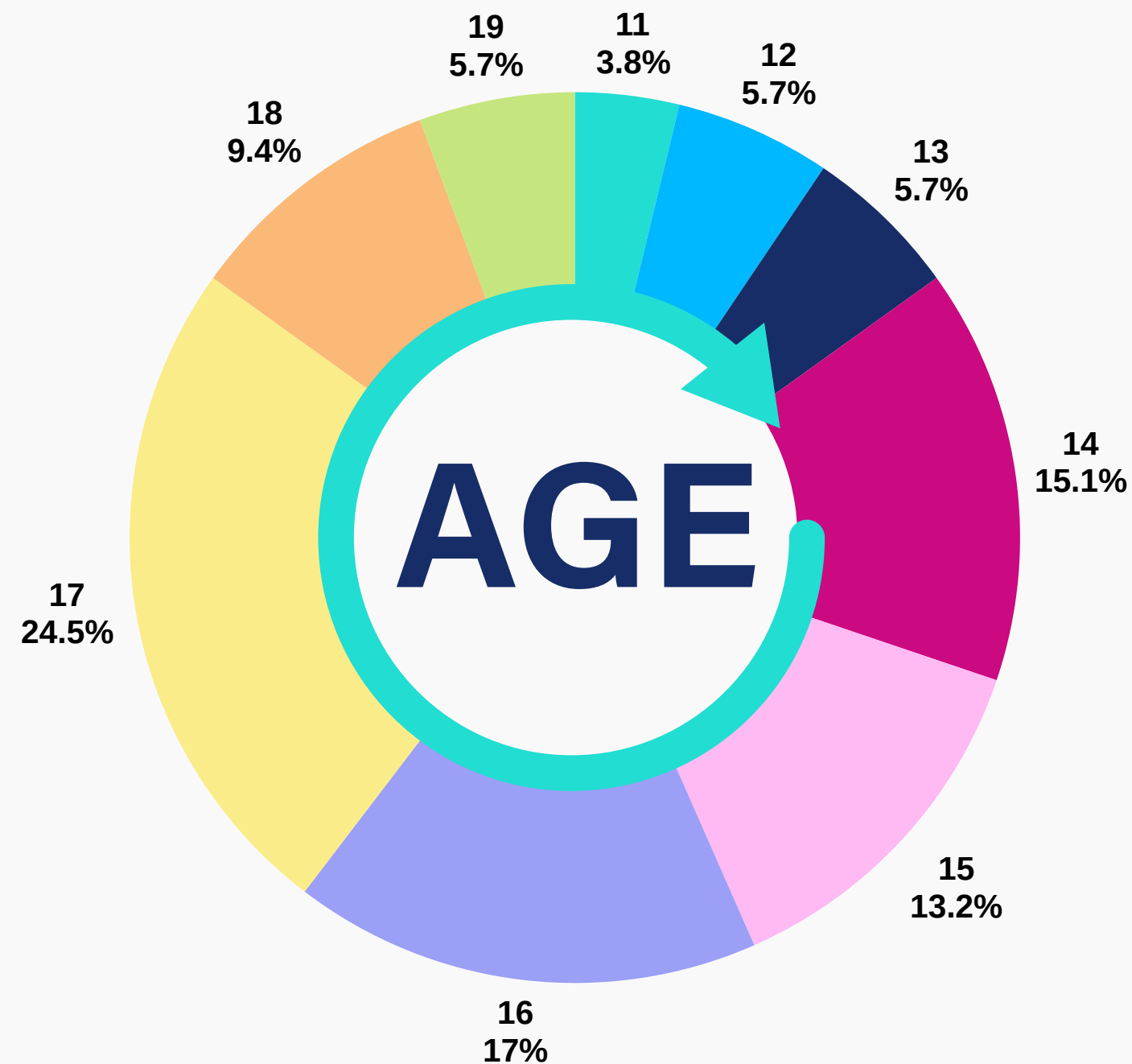
Diversity in Action

Age range

We had a mix of newcomers and alumni from past programmes, with those joining from age 11 through 19 - a significant cross-section.

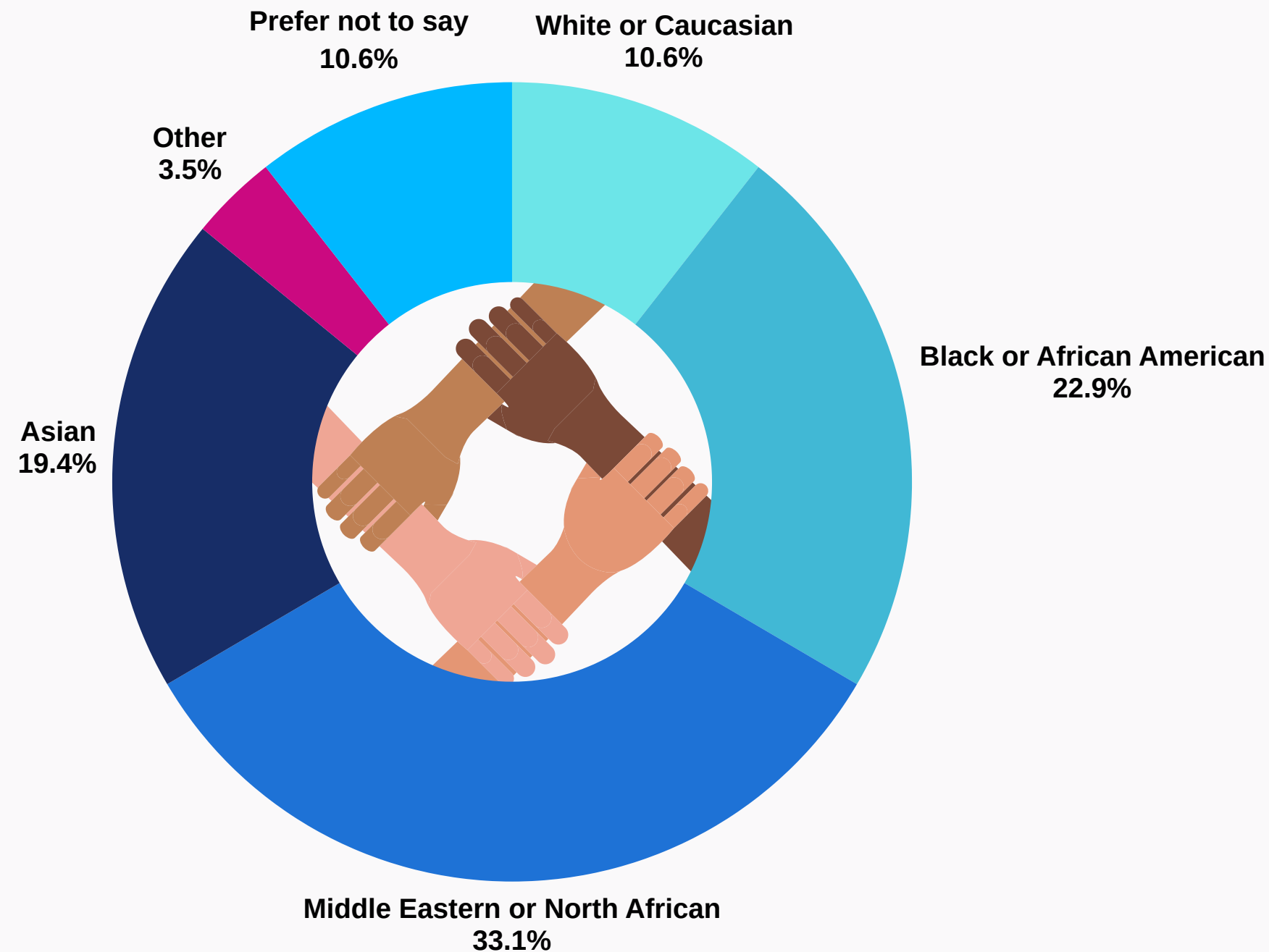
Witnessing our alumni return to pursue further learning is always rewarding. The age range was diverse, with 17 year olds making up 24.5%, illustrating that the 16 to 17 age group is still the most popular age when compared to data from previous years.

We are still delighted to be attracting participants as young as 11, which continues to reflect an emerging curiosity in AI and technology.



Diversity in Action

Ethnicities



This year, we celebrate the fact that 75% of our participants come from diverse backgrounds.

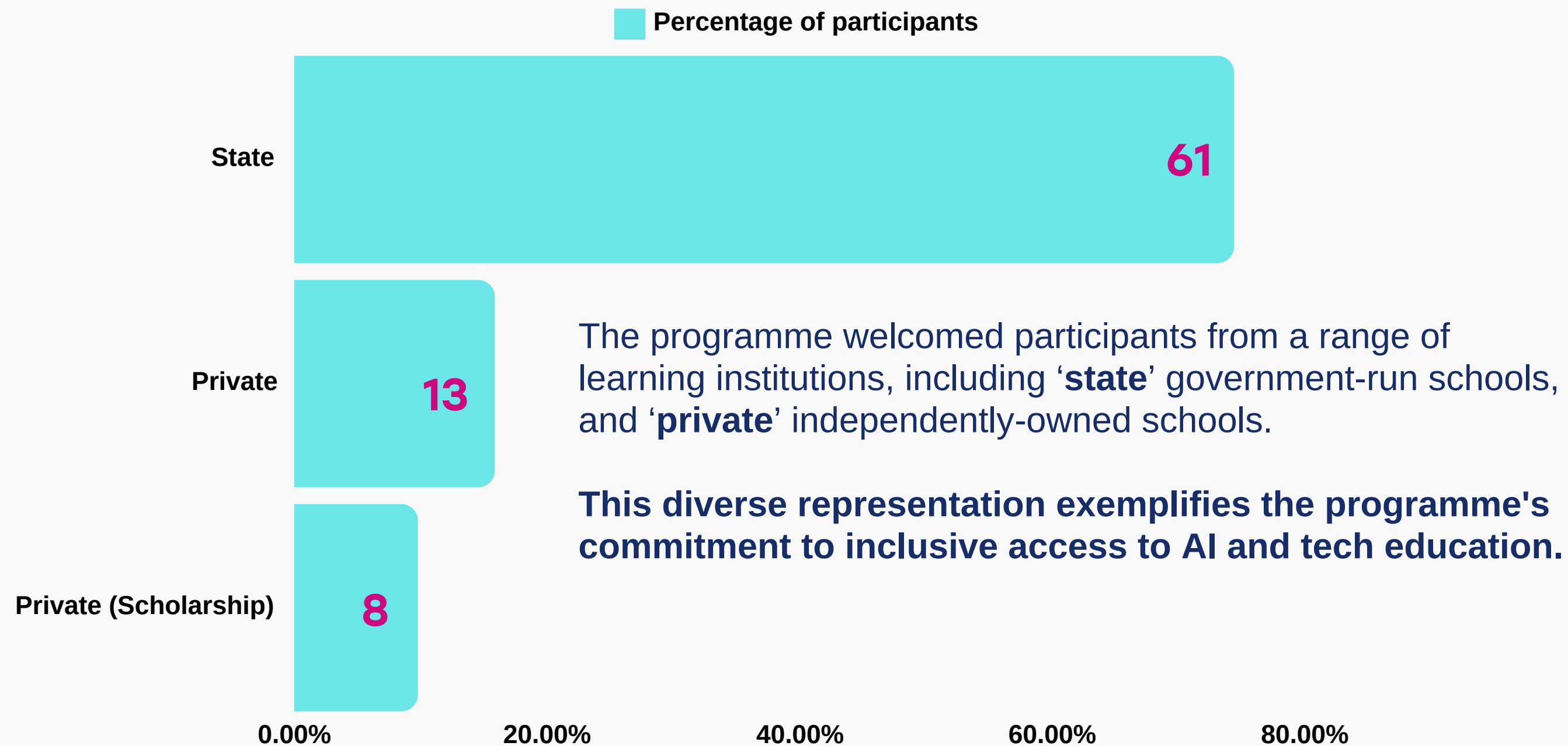
The programme reflects the rich and varied backgrounds that drive innovation. We believe that this diversity fuels creativity, inclusivity, and fresh perspectives, helping shape the future of AI for the better.

Our unwavering commitment to cultivating an environment of openness and acceptance is illustrated in the rich tapestry of diverse participation, reflecting our aligned dedication to embracing young people from all walks of life.



Diversity in Action

A focus on State-educated teens and those on Scholarships





Teens in AI

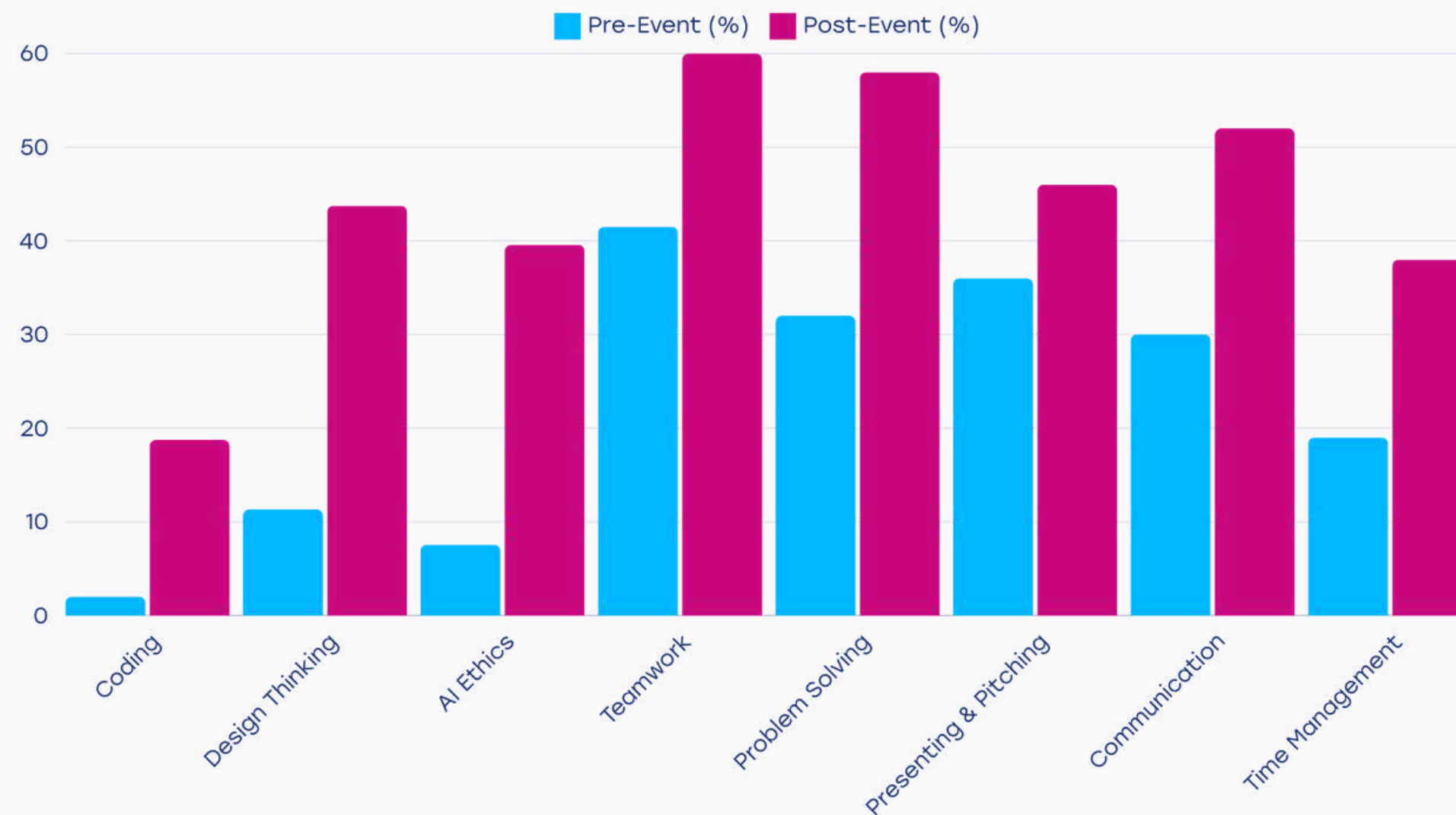
Skills Assessment

Understanding participant self-assessment

“ We have the chance to make a real world impact. I learnt that empathy is a continuous process and it is also part of the stages of design thinking. Design thinking is the mindset and the approach to problem solving and innovation anchored around human centered design. I have learnt that we need AI Ethics because technology is sociotechnical in nature and tech that matters measures and tracks your impact. Thank You Teens in AI.

~ Richard, Ghana, 12

Skills Assessment: 2024 Programme



We provide participants with an opportunity to conduct self-assessments of their skills both before and after the programme, encouraging them to rate their proficiency in key areas based on programme subject matter.

“Well done to my team! We may not have won, but am proud to say that we overcame many challenges together. It was fun working with you all. This year’s programme has been the best one yet.

~ Adam, Spain, 13

Programme Satisfaction

98% of participants in 2024 found the programme helpful, compared to **84%** in 2023, and **75%** in 2022.

88% of participants expressed a **greater understanding of how tech/AI can be used in the world**

73% of participants expressed that they are now **certain that they want to pursue a career in tech/AI**

88% of participants now believe that **AI/tech is an interesting field**

85% of participants stated that they are now more **confident that the tech/AI field is for them regardless of background or gender**

88% of participants expressed that having participated in the programme, they have **greater understanding of the importance of ethics in tech/AI**

90% of participants state that their experience was **‘Helpful’ and ‘Very Helpful’ in planning for their future**



Skills Assessment

Inspiring their future

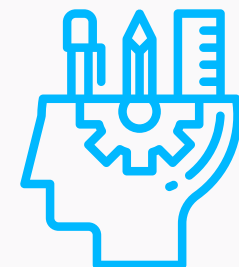
Deliberating on and shaping a career path involves introspection and understanding.

The participants engaged in the AI4Good Incubator programme dedicated time to evaluating how their involvement has shaped their comprehension and passion for subjects related to tech and AI. They completed pre- and post-programme evaluation surveys which gave us the opportunity to compare the data shared here.



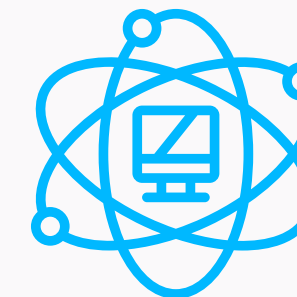
Mathematics

Before: 43% ↑ 7%
After: 46%



Design Thinking

Before: 21% ↑ 138%
After: 50%



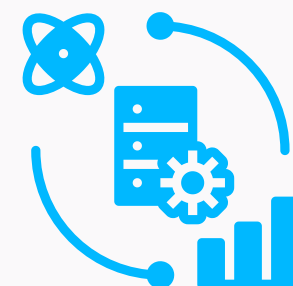
Computer Science

Before: 43% ↑ 16%
After: 50%



AI / ML

Before: 40% ↑ 15%
After: 46%



Data Science

Before: 28% ↑ 18%
After: 33%



Skills Assessment

Mentor participation

Mentors play a significant role in the programme, bringing not only technical expertise but also practical knowledge of AI, tech, and business across different fields.

Their commitment enhances the experience and motivates participants to be the best they can be, providing the safe space where their thought process and creativity can flourish.



36

Total Incubator Mentors
across the programme





Teens in AI

Programme Highlights

“A life-changing programme

“ This was the first time I joined this programme. It was a whole new world to me! But I had insight from my team mates and I managed to cope well with their help. I was expecting excellent work, good interaction and participation with my team, and [the experience] exceeded my expectations. Every lesson was educational and interesting. It was interesting to find solutions for the problems caused by humans and how we can use AI to solve them. It was amazing and I thank you all for your kindness and support!

~ Joy, Ghana, 15

Programme Highlights

Participant consensus

“ The Incubator programme **far exceeded all my expectations** and offered me an enriching experience that has **significantly deepened my knowledge and skills**. The master classes were particularly valuable, providing me with a wealth of **new information on AI ethics, data science, and coding**. These sessions not only expanded my technical expertise but also gave me a broader understanding of the ethical implications and real-world applications of AI.
~ **Yesseniya, Kazakhstan, 17**

“ Participating in the Teens in AI AI4Good Incubator was an **incredibly enriching experience**. I had the privilege of working with a **diverse group of participants from Tunisia to Ghana, which offered me a unique perspective on global collaboration**.
~ **Jaden, United Kingdom, 19**

“ My Journey throughout the AI4 GOOD INCUBATOR Course was a very **wonderful** one. And the team work was very tough in some cases. On the first day it was the introduction that took place and **I had a lot of fun meeting new people**. After that they mentored us on AI. **I learnt that AI helps us to reduce the impact of climate change and take actions for our planet**.
~ **Sussy, Ghana, 13**



Programme Highlights

The Winning Teams



Winner

Green Plate

Their AI-powered solution turns big corporate sustainability goals into fun tasks and games for employees.

Team members:

- Reatlegile, 15, South Africa
- Mariam, 17, Tunisia
- Kenza, 16, Tunisia
- Trixie, 13, Ghana
- Youseff, 14, Tunisia



Runner Up

Team Chaos

Their app helps small businesses share server resources efficiently while saving energy.

Team members:

- Mereyli, 17, Kazakhstan
- Emir, 17, Tunisia
- Tejaswini, 18, India

Our winners collectively came from five countries across Africa, Central and Southern Asia.



Programme Highlights

How Mentors felt about their involvement and the programme

“ I really enjoyed being a Design Thinking mentor for the #AI4GoodIncubator 2024. It was very **interesting and rewarding** to support a team of young people excited to put all their energy and skills into building AI-powered solutions for a more sustainable world. **An experience built around human connection and knowledge sharing that I strongly recommend!**
~ **Laura Frangi, Internal Community Manager - Learning & Innovation - Sage**



“ It was an **amazing opportunity** to give up only a small amount of your time for the potential of a **very large and enriching impact on the next generation** of tech experts.
~ **Ben Taylor, Machine Learning Engineer - Caspian Insurance**



“ The **kids were amazing** with very deep and meaningful reasons for their purpose, ideas and choices.
~ **Lori Figueiredo, Change & Enablement Strategist, Syzygy**



Programme Highlights

Featured Speaker Views



As part of the Green Minds Bright Futures Incubator, you are about to play an important part in thinking about how we tackle climate action right now. To address these challenges, we need you as informed and active world citizens who can make responsible decisions and participate in collective solutions globally - I encourage you to think about how you can be a part of this story and I encourage you to think of the incubator in terms of greater mission and purpose in accelerating the impact of AI on climate action and social good.

~ **Roselyn Cason-Marcus, Global Director: Senior Talent Attraction and Affinity**
- **McKinsey & Company**



It has been an honour to speak with all of you [the participants] as future leaders, the future is so bright. Looking at this conversation and all of you being very genuine and very mindful. And so I'm going to leave you with this. When the doubt comes in, when the world seems too big or when the world seems too scary and you're wondering what if I fail, ask yourself instead, what if I fly? And so, be Miles, be like Miles Morales, take that leap of faith and I wish you all best.

~ **Pearlé Nwaezeigwe, Project Manager - Strategic Content Governance**
- **Oversight Board**



Programme Highlights

The Judges' Voice

“ My work really focuses on ethics around AI, so of course I'm particularly interested in how the pitches are going to engage with ethical considerations around the ideas presented, but also really interested to hear your creative ideas; to hear your approaches to problem-solving. I know that a lot of hard work has gone into preparing these pitches.
~ **Mhairi Aitken, Ethics Fellow - Alan Turing Institute**



“ I'm very delighted to be invited here again to help and hopefully encourage everybody to follow their dreams because I think that is what I want to see ... I want to see the passion! What I want to see is that you're not just solving problems, but you are actually standing behind your idea and you're living it.
~ **Ingo Keller, Head of Robotics - The National Robatarium**



“ I'm absolutely chuffed to be here again, it feels like it was just yesterday. I'm really looking forward to listening to your pitches. You can see that in my job title, there's 'data' there and I believe data is key. So what I'm looking for in the pitches is finding a bit of a deep confirmation of my hypothesis that data and AI are possibly the key to solving the paradox that is now in front of us as mankind.
~ **Roberto Maranca, Chief Data Officer - Schneider Electric**



Programme Highlights

Our Keynote Speakers



Roselyn Cason-Marcus
Global Director, Senior Talent Attraction and Affinity
McKinsey & Company



Ann Ledwith
Director of Engineering
Sage



Pearlé Nwaezeigwe
Strategic Content Governance Project Manager
Oversight Board

Our Demo Day Judges



Mhairi Aitken
Ethics Fellow
Alan Turing Institute



Ann Ledwith
Director of Engineering
Sage



Ingo Keller
Head of Robotics
The National Robotarium



Roberto Maranca
Chief Data Officer
Schneider Electric



Programme Highlights

Our Instructors



Aileen Dalisay
Head of AI and Social Impact Partnerships - EMEA
Google



Morgan Briggs
Research Associate for Data Science and Ethics
The Alan Turing Institute



Sabeedah Mahomed
Researcher in Ethics & Responsible Innovation
The Alan Turing Institute



Irene López de Vallejo
Next Economy Agitator
CTIC Technology Centre



Shanttel Kemawor
Data Scientist
Sage



Ademola Olokun
Machine Learning Engineer
Sage



Rod Rivera
AI Product Engineer
Chapter Lead





Teens in AI

Engagement

Building brand values awareness

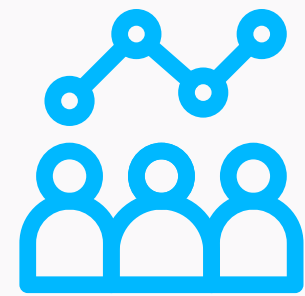
“ It was an incredibly enriching experience. I had the privilege of working with a diverse group from Tunisia to Ghana, which offered me a unique perspective on global collaboration. I gained invaluable insights from seasoned professionals at companies like Sage and Google, learning not just technical skills like programming and LLM development, but also the importance of ethics in AI. The experience deepened my understanding of the business side of tech, including how to market a product effectively using tools like a fictitious persona.

~ Jaden, United Kingdom, 19

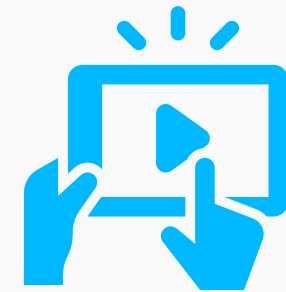


Engagement

Programme engagement across all channels



20,857
Impressions



895
Video views



878
Engagement



8,151
Unique individuals emailed*

* Includes but is not limited to educators, parents and teenagers



7.9m
Reach



122
Social media posts



Sample engagement

The National Robotarium
7,213 followers
1w • Edited

Today (29 August) our Head of Robotics, **Ingo Keller** will be part of an esteemed panel of judges, assessing robot demos from the **#AI4Good Incubator 2024!**

The incubator is run by who share the National Robotarium's goal to inspire young people to develop their **#robotics**, **#AI** and **#STEM** capabilities, equipping them with the skills and knowledge to be tech leaders of the future.

Teen participants of the 5-day virtual bootcamp have been tirelessly working on innovative new **#tech** projects that can address real-world global challenges. They will present their ideas to Ingo and other senior leaders for feedback and special prizes.

WATCH: The live stream of **#DemoDay24** on YouTube (starts 1545 BST): <https://lnkd.in/ebGajEnq>

#robots #ArtificialIntelligence #innovation #inspiration #engagement #FutureRobotics #HelpingSociety #TheNationalRobotarium Heriot-Watt University Data-Driven Innovation Initiative #AI4Good2024 #TeensinAI #LiveStream

Teens in AI
7,420 followers
2w • Edited

What an INCREDIBLE week we had at 's **#AI4Good Incubator 2024!**

Our young innovators have truly outdone themselves, developing their fresh ideas into innovative solutions that tackle some of the world's most pressing challenges. What an experience it has been to be part of their journey into **#AI!**

Get ready for **#DemoDay!**

The AI4Good Incubator 2024 Demo Day is just around the corner ~ this week Thursday, 29 August!

This year, we're **#LIVESTREAMING** Demo Day, so everyone can tune in and watch these incredible young minds showcase their innovations. We'll be sharing the link soon—stay tuned!

We are delighted to introduce you to our esteemed Panel of Judges who will be evaluating these brilliant projects:

- **Ann Ledwith** - Director of Engineering at **Sage**
- **Roberto Maranca** - Energy Management Data Officer at **Schneider Electric**
- **Mhairi Aitken** - Ethics Fellow at **The Alan Turing Institute, Public Policy Programme || The Alan Turing Institute**
- **Ingo Keller** - Head of Robotics at **The National Robotarium**

Dr. Irene Lopez de Vallejo • 2nd
Next Economy Agitator
2w • Edited

A great session on **#impact** measurement today on **#DAY4** of **Teens in AI's #AI4Good2024 Incubator**


I tried to put forward two key ideas with the **#teams** present:

- 👉 You can build the most awesome tech, but if you don't have a clear way to measure the impact you're trying to make, good intentions alone won't cut it.
- 👉 And let's be real—making money isn't the only thing that matters. It's not the only way to measure the impact your project has on the world. I truly hope the teams take stock of these ideas and reflect them on their upcoming pitches!!

And remember: it is possible to build great tech, a successful business, do good, and take care of each other and the environment.

(below a pic of me and my daughter getting ready for the session!)

Elena Sinel FRSA Ntsika Bovula Ana Garcia Robles Ana Belén Bermejo Nuria De Lama Dolores Ordoñez Jimena Pascual Ignacio Pedrosa Sari Escribano Romero Mikel C. Andres Arevalo-Maklouf



Teens in AI
7,420 followers
1w • Edited


👏 A Big Thank You to everyone who made this year's **#AI4Good Incubator** a success! Hosted by **Teens in AI**, in partnership with **Sage**, **Sage Foundation**, and **The Alan Turing Institute**, our Global Demo Day saw 11 fantastic teams present their **#AI-driven** solutions for **#ClimateAction**. These innovative projects are crucial for addressing today's pressing **#EnvironmentalChallenges**.

Special thanks go to our esteemed **#Judges**:

Ann Ledwith, Director of Engineering at **Sage**
Roberto Maranca, Energy Management Data Officer at **Schneider Electric**
Mhairi Aitken, Ethics Fellow at **The Alan Turing Institute, Public Policy Programme || The Alan Turing Institute**
Ingo Keller, Head of Robotics at **The National Robotarium**

Your expertise and feedback have inspired our teams to reach new heights. Thank you for supporting the future of **#AIForGood!**

#AI4Good2024 #Innovation #TechForGood #FutureLeaders #ClimateAction



Sage Foundation
4,810 followers
2mo • Edited

Ethical AI and STEM learning have been a big focus of the work we've been doing over the past few years - given how prevalent they are in our everyday lives, we must prepare the next generation of technologists to leverage them smartly and responsibly.

Partnerships like this help us live up to our ambition of empowering the next generation and breaking down barriers so everyone can thrive.

We're excited for what's to come – alongside our great partners at **Teens in AI!** **#AI4Good2024 #TechforGood #Breakingdownbarriers**


Teens in AI
7,420 followers
2mo • Edited

👏 **#StopPress!**

Teens in AI in partnership with **Sage** and **Sage Foundation** are delighted ...more

Naz Oğuz • 2nd
2w • Edited

I'm happy to share that I have successfully completed the AI4Good Incubator program. My teammates and I collaborated on a project, which not only sharpened our technical skills but also taught us the importance of teamwork in AI development. This experience has truly inspired me to continue exploring the potential of AI in solving real-world problems. **Teens in AI**



Sample engagement

7,428 followers
2w • Edited

What an incredible week at the **#AI4Good2024** Incubator! 🌟 hosted by in partnership with **Sage** and **Sage Foundation** 🌟

Our young innovators have truly outdone themselves, developing their fresh ideas into innovative solutions that tackle some of the world's most pressing challenges. 🌱 From a server manager app that optimises energy usage for small businesses to a home integration system that reduces household energy consumption using **#AI**, the **#creativity** and **#passion** on display have been truly inspiring. What an experience it has been to be part of their journey into AI!

A huge shoutout also to **The Alan Turing Institute** for collaborating and to our amazing **#Instructors** and **#Mentors** who guided our teens throughout the week—your expertise and dedication made all the difference. 🙌


With prototypes finalised, we're now gearing up for the exciting **#DemoDay** on Thursday, 29 August 🌟. Our **#Judges** are ready to be wowed by the brilliant work of these talented teens!

Check out a snippet from one of our fantastic speakers, **Pearlé Nwaezeigwe** 📺

Stay tuned—great things are coming! 🌟

Sage, Sage Foundation, Ntsika Bovula, Elena Sinel FRSA, Bev Chislett, Ademola O. Aileen Aileen, Shantell Kemwor, Dr. Irene Lopez de Vallejo, Rod Rivera, Morgan Briggs, Sabeehah M. and Pearlé Nwaezeigwe

#AI4Good #TeensinAI #Innovation #TechForGood #DemoDay2024



Christian Steanson • 2nd
Solution Designer
1w • Edited

Excited to share my experience at the **Teens in AI** incubator! 🌟

Last week, I had another incredible opportunity to mentor a group of talented students. Together, we tackled a pressing real-world problem of the 'increasing threat of rising sea levels and more frequent storm surges affecting coastal communities.'

Throughout the week, we worked on:

- Understanding the problem statement
- Creating a persona
- Developing a business model canvas
- Crafting a value proposition canvas
- Designing a survey and analysing user feedback
- Prototyping and pitching our AI-driven solution

Our solution involved using coastal sensors to track sea levels and weather conditions. By leveraging real-time monitoring and machine learning for predictive analytics, our app analyses data from the sensors to determine if a threat is imminent. If so, it sends notifications to users, guiding them on how to mitigate the impact and stay safe. The app also features a component that shows the percentage likelihood of the threat.

I am incredibly proud of the team's effort and the innovative prototype they developed to address this growing issue. It was a fantastic experience to see their creativity and dedication in action!

#teensinai #mentorship #artificialintelligence #machinelearning #innovation #climatechange



Roselyn Cason-Marcus • 2nd
Global Director, Senior Talent Attraction and Affinity/First Movers Fellow, Busi...
3w • Edited

Thrilled to have been the Keynote speaker for **#AI4Good2024** Incubator focusing on the role of AI in Climate Action. I am inspired by the work of Teens in AI in focusing on the unprecedented challenges we are facing in climate change, biodiversity loss, water scarcity and pollution. To address these challenges we need a diverse range of stakeholders in the design and development of AI powered services in fields such as climate science, ecology and conservation from affected communities and organisations. The work of is critical in helping to develop the next generation of informed and active young world citizens who can make responsible decisions and participate in collective solutions to tackle climate change.

7,428 followers
3w • Edited


LAUNCH DAY! 's **#AI4Good2024** Incubator 5-day Virtual Bootcamp for teens kicks off today!

As we're kicking off **#Day1** of the AI4Good Incubator - we're so excited to welcome **Roselyn Cason-Marcus** as our **#OpeningKeynote** speaker!

As **McKinsey & Company's** Global Director for Senior Hiring and Affinity, Roselyn is a champion for **#diversity** and **#inclusion**, ensuring that McKinsey is a place where everyone can thrive. Beyond her incredible work at McKinsey, Roselyn dedicates her time to impactful causes. She's on the board of **#ArmsAroundtheChild**, supporting HIV-positive children in Africa and India, and is part of the **Leadership Circle** of women for Women International, uplifting over 500,000 women in conflict-affected countries.

An art lover and collector, Roselyn also serves on the 2024 Patron Board for the **#VeniceBiennale**. We can't wait to hear her insights and be inspired by her journey! 🌟

#TeensinAI #Leadership #InspireInclusion




Mhairi Aitken (She/Her) • 2nd
Senior Ethics Fellow at The Alan Turing Institute
1w • Edited

It was an absolute joy and such a privilege to be a judge at the **Teens in AI #AI4Good2024** Demo Day yesterday.

Congratulations to all the teams that took part. The standard was incredibly high, which made our job as judges challenging, but it was a wonderful challenge to have! I was so impressed by the creativity, problem-solving and teamwork on display, as well as the depth to which the teams engaged with both the technical and ethical challenges of AI. There were some really exciting ideas pitched for projects using AI to address climate change which I would love to see realised, and I'm excited for what these brilliant young people are going to go on and achieve.

Thank you **#TeensinAI** for inviting me to part of this process.

... Mentor for the incredible **Teens** speaking with amazing young and environmental challenges. **teensinAI**

AI climateaction #ai4good



Teens in AI

Alumni

How we support them and
where they are today

“ I really enjoyed the week. The fast pace kept things interesting and made it feel like we were constantly making progress. It pushed us to work hard, think on our feet, and come up with creative solutions quickly. Even though it was intense at times, it was so rewarding to see what we could achieve in such a short period of time. There was never a dull moment, and that energy kept me motivated.

~ Baruni, United Kingdom, 15



How we are supporting our 2024 AI4Good Incubator alumni



Sage Leadership Mentoring

The winners of this year's programme, team, **Green Plate**, will have the opportunity to meet with Senior Leadership from Sage where they will present their winning project and have the opportunity to be mentored by tech experts.



Climate Change Challenge

The teams that made it into the **Top 5** received an exclusive invitation to submit their projects to the Climate Challenge, where they'll have the opportunity to potentially present their pitch at COP29.



Three of our teams invited to submit projects

NeurIPS, often referred to as **the Oscars of the AI scientific community**, is one of the **most prestigious conferences in AI and machine learning**, renowned for its rigorous peer review and high-impact presentations. For the first time ever, NeurIPS is open to high-schoolers, and we're so excited that three of our teams have submitted their projects. We're eagerly awaiting the outcome of their applications and the possibility of them being flown to Vancouver to pitch their ideas live—a unique opportunity that would stand out on any university application!

With invitations to:



#IWD GLOBAL HACKATHON



AIADVENTURES
Courses

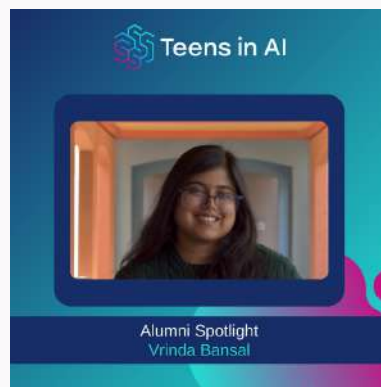


Teens in Action Forum
Your Voice, Your Future



Alumni

Where are some of our past participants today?



Vrinda Bansal

From her early participation in hackathons at just 14, to becoming a speaker and advocate for girls in AI, she has grown into a leader in the field. Now a Product Development Intern at Teens in AI, she's creating innovative courses on robotics and responsible AI, while also collaborating with Starspark.ai on personalised AI tutoring. She is the founder of Think Fast Robotics, a competitive team for women, and an experienced web designer.



Suhana Sahib

Suhana participated in a number of our programmes where she served as a mentor, moderator, and ambassador. With a Bachelor of Commerce in Accounting and Economics from the University of the South Pacific, Suhana is an Auditor at PwC Fiji, specialising in Audit & Assurance, and is currently pursuing the CPA Australia Programme. In 2023, she achieved the remarkable milestone of becoming a published author on Amazon.



Sammy Hass

After excelling in a Teens in AI programme, Sammy later achieved a First-Class Degree in Computer Science and is now thriving as a Software Engineer at Struct, a Y Combinator-backed start up. Sammy's story exemplifies the power of resilience and the opportunities provided by global programmes.





Teens in AI

Setting the Benchmark Editor's Note

“ I improved my collaborative skills, as I learned how to work efficiently in a team by clearly outlining our work progression - from brainstorming initial ideas to developing a final solution for urban heat reduction. We strategically divided roles to maximise each team member's specialisms, which not only increased our efficiency but also allowed us to deliver a more polished final product. I also learned how to make a compelling pitch, an essential skill that ties together the technical and business aspects of any project. It was an exceptional learning journey that I would highly recommend to anyone interested in AI.

~ Jaden, United Kingdom, 19

Setting the benchmark

Editor's Notes

The most (quietly) exciting thing for a marketer is the data that follows any successful programme, in particular, the benchmarking year-on-year! Seeing where we excelled, and where perhaps we need to do a little more work. As I reflect on the data from 2024 compared to 2023, I was delighted to see continued **progress across key areas of diversity, skills development, and participant engagement**. The numbers tell a story of **growth, inclusion, and dedication to empowering young minds**.

In 2024, we maintained our strong commitment to diversity, with **75% of participants coming from diverse ethnic backgrounds**, aligning with our consistent performance in the 70 to 80 percentile range. We also reached our target of **58% of participants identifying as female and non-binary**, a clear indicator of our efforts to foster gender inclusivity. We continue to attract participations from the ages of 11 to 19, a hugely diverse range, with the **16- and 17-year-old group continuing to be the most represented**, mirroring previous years.

Our alumni returning to pursue further learning remains a key highlight, illustrating the ongoing value of our global flagship programmes. No matter the programme, there's always something new to learn. We are shaping futures here at Teens in AI!

From a skills perspective, 2024 marked significant growth. In **AI Ethics (a core value to the work we do), proficiency rose sharply from 19% in 2023 to 40% in 2024**, underscoring its increasing importance. Most striking, however, was the surge in **Design Thinking proficiency, leaping from 45% to an impressive 138% in 2024**, reflecting not only skill acquisition but also depth of understanding.

These trends we have seen not only reflect the Incubator programme's adaptability and resonance with young people, but also serve as a compass guiding its future enhancements and evolution. The journey from 2023 to 2024 signifies not just growth but also our commitment to nurturing holistic skill sets crucial for thriving in an ever-evolving world.

Together, we are igniting change - one teen at a time. It takes a village. Thank you for being part of ours.

Bev Chislett

Head of Marketing, Teens in AI

PS: Do read on for more information about our Programmes and how we deliver impact, our global reach and impact in numbers since 2021.



Bev Chislett
Head of Marketing





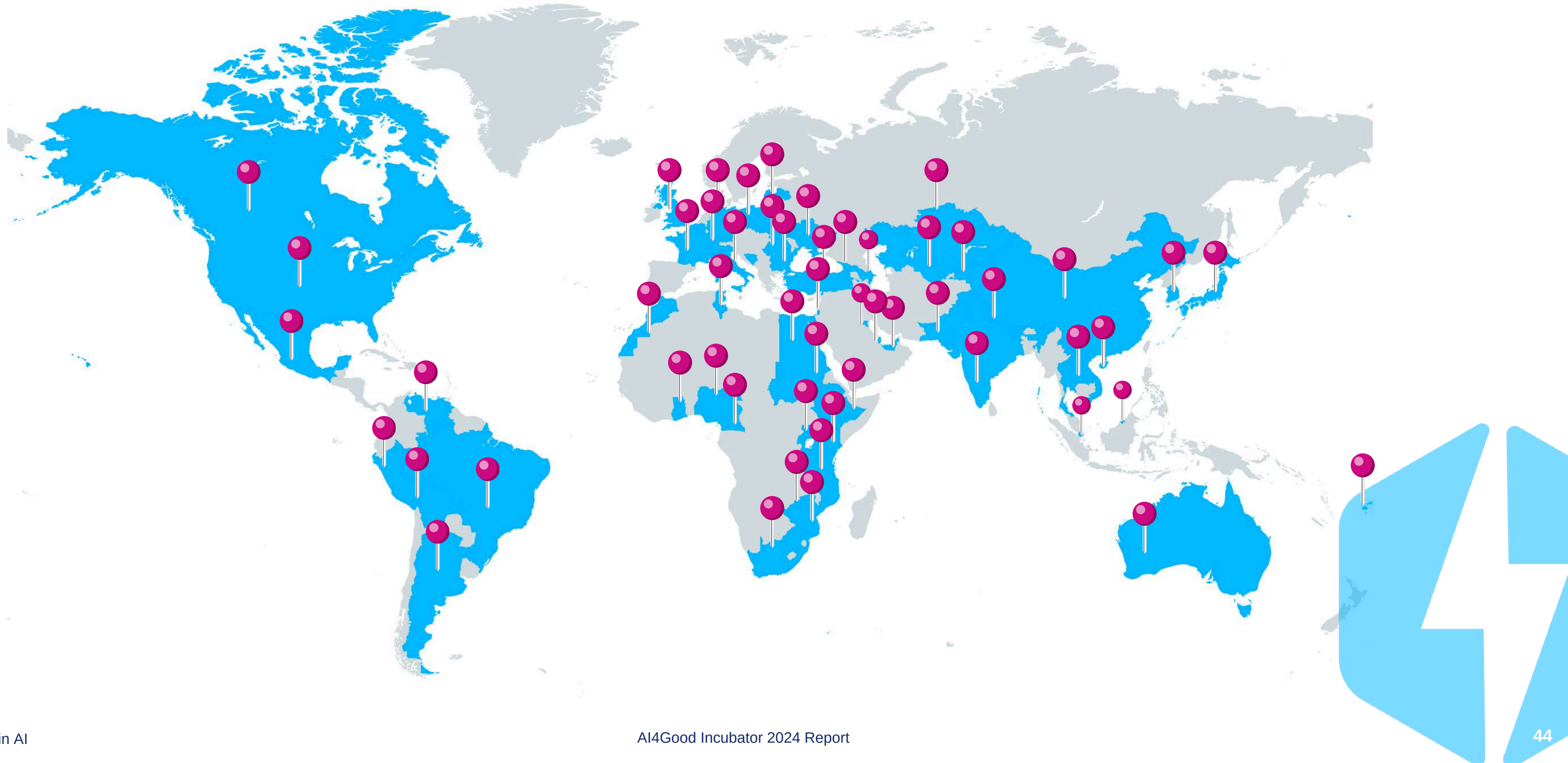
Teens in AI

Our impact In numbers

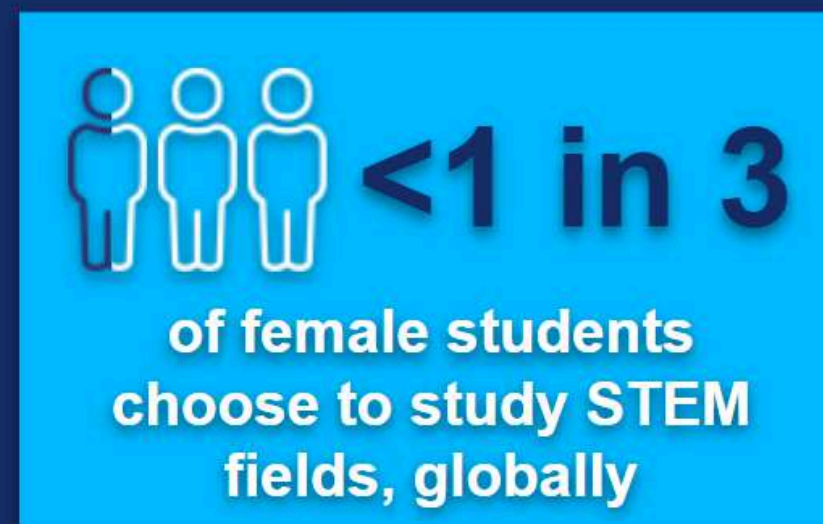
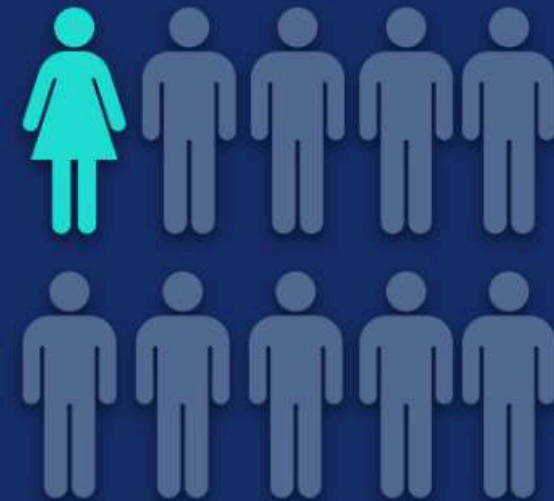
“ The Incubator experience was really great and super well planned out. It was awesome to meet new people from all over the world. Within just a few days, we were able to come together as a team, solve a problem, come up with a new idea, and actually bring that idea to life. It felt almost unreal in the moment, with how fast everything moved—but in a good way.

~ Baruni, United Kingdom, 15

Cross-Programme Global Reach



Our Why in numbers



Our Impact from 2021 to 2023

We're not just dedicated to increasing diversity in tech.
We're striving for social impact through AI.





Teens in AI

Our Programmes
How we deliver impact

“ It was an amazing experience and I really enjoyed it! I learned a lot during these few days including how to work in a team and how to solve problems. Thank you very much.

~ Kenza, Tunisia, 16

Our Programmes



#IWD GLOBAL HACKATHON

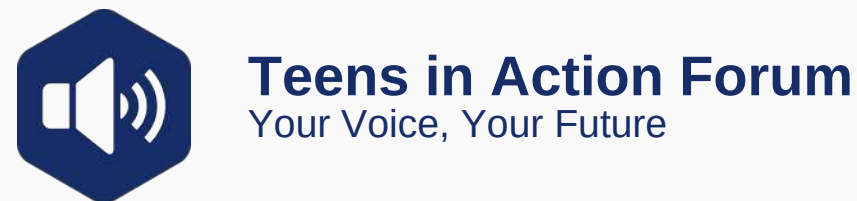
Coming soon! February to April 2025

Run February to April annually, our global online event where teens aged 12-18 come together to collaboratively solve a real-world problem through the use of AI and Data Science for social good. [Get involved here](#)



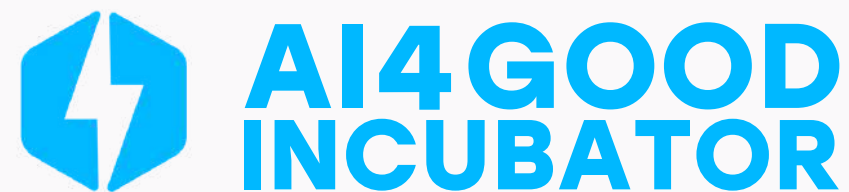
AI ADVENTURES
Courses

Our online Courses empower teens to discover their passion for AI. These self-paced courses foster skills in data analysis, programming, and problem-solving, helping teens become future change leaders. [Find out more here](#)



Teens in Action Forum
Your Voice, Your Future

A virtual, monthly event series for teens aged 12-18 where global AI leaders empower and engage young minds in thought-provoking conversations and discussions centred around AI-based topics. [Find out more here](#)



AI4GOOD INCUBATOR

Run in August annually, the Incubator is a global 5-day virtual bootcamp style programme where teens aged 12-18 work in teams to build a tech-based project, inspired by a climate-related United Nations Sustainable Development Goal. [Get involved here](#)

Our Bespoke Solutions

Our tailored consultancy solutions help corporates, governments, and educational institutions meet community-driven goals, offering support to navigate and achieve strategic objectives effectively. [Find out more here](#)





#IWD GLOBAL TECHATHON

In celebration of International Women’s Day, Teens in AI run annual, distributed Global Techathons to inspire teens aged 12-18 into Artificial Intelligence for social good. It is a hackathon-style start-up, virtual or in-person event focused on solving a real challenge, under one of the United Nations' Sustainable Development Goals, in a fun and collaborative way.

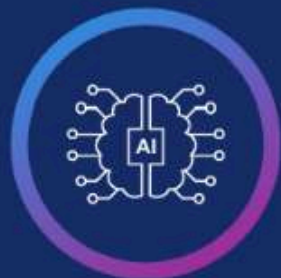
♀♂ All genders are welcome to participate!

2025 programme highlights:

- Inspiration Week
- Bootcamp Week
- Techathon Weekends
- Virtual Panel
- IWD Demo Day Final

What teens can expect

Over the 2.5-day programme teens will learn and experience:



How AI works, its ethics and why it matters



How to develop code responsibly



How to build a prototype



How to pitch a project in front of a judge panel

[Find out more](#)



Teens in AI

Key Events

February

Inspiration Week

This will be a week of inspirational talks done by various keynote speakers.

February

Bootcamp Week

These will be the dates that the skills workshops will be taking place for the participants

March

Global Techathon Weekends

These will be the dates that the techathons are taking place in the various global locations.

April

Virtual Panel

A virtual panel with various keynote speakers hosted by Teens in AI.

April

Global Demo Day

The final judging round of the IWD Techathon.



Teens in AI

“ I loved the variety of tasks we got to work on throughout the week. Every day brought something new, whether it was brainstorming ideas, refining our concept, or figuring out the best way to present it. It felt like we were always learning and growing. The mentors played a huge role in that - they were so helpful, always ready to share their advice and guide us in the right direction. They really cared about our progress and made sure we were on track.

The masterclasses were another highlight for me. They were packed with useful tips and new ideas that we could use right away in our projects. It was awesome to get insights from people who really knew their stuff, and it made a big difference in how we approached our work.

Overall, the Incubator was an amazing experience, and I'm so glad I got to be part of it.

~ Baruni, United Kingdom, 15



teensinai.com