Teens in AI

Annual Report

2023

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Teens in AI

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Preface

Message from the CEO

Elena Sinel
Founder & CEO

This year has been extraordinary, reflecting our commitment to educating teens in AI and technology and the significant global impact we've achieved. **We've reached young minds in 76 countries**, touching lives from the USA to Kyrgyzstan, from Tunisia to Australia, a testament to our vision of a globally connected, tech-fluent generation. **We take pride in our commitment to inclusivity.** A significant **57% of our participants identify as girls or non-binary**, and **60% come from state-run schools**. With **78% representing ethnic minorities**, we are fostering a diverse community of young innovators.

Our programmes emphasise ethics and responsible innovation. With AI comes the responsibility to use it wisely. We instil these values in our teens, encouraging them to consider ethical implications and create technology that benefits all. One of our young innovators said, "**Today we built a chatbot, tomorrow we will change the world**" – a sentiment echoed by our community. It's a reminder of the transformative power of education and boundless potential of youth.

Our message of **innovation and inclusion** has resonated globally, **reaching 2.1m people**, sparking important conversations about tech's role in our future. Recognition at events like **MWC in Barcelona** and the **WISE Summit in Qatar**, alongside accolades like the **New York-based Global Excellence Award**, underscore our commitment to excellence and impact. Our presence in media outlets, from **BBC 5 Live** to **CBC Kids News in Canada**, amplifies our voice and mission.

2024 will see us expand our impact. We anticipate an even larger turnout for our global International Women's Day campaign, reflecting our ongoing **commitment to diversity and empowerment**. We are set to launch AI Adventures, online self-paced courses making **AI education accessible to all**. Our AI4Good Incubator will continue to focus on pressing issues like climate action, inspiring teens to use **AI for social good**.

Your support and belief in our mission fuel us. Together, we're not just teaching technology; we're cultivating a community of thoughtful, innovative, and ethical leaders for the future. Let's continue to light their path, inspiring one teen at a time.

Elena Sinel

Founder & CEO, Teens in AI

Thank you

One focus. Inspiring a diverse tech generation.

It takes a village. We thank all of our Partners, Collaborators and Teens for being part of ours. Meet our core team.

Elena Sinel
Founder & CEO

Bev Chislett
Head of Marketing

Toby Otton
Head of Commercial Partnerships

Jess Van Velzen
Programme Project Manager

Ntsika Bovula
Programme Project Manager

Alanna Windrim
Programme Project Manager

Sherole Webster
Marketing Manager

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Collaborating for Aligned Missions

Partnerships in action

Platinum Partners:

Gold Partner:

Teens in AI

Our Programmes

How we deliver impact

> We’re investing time and energy in the next generation of tech leaders.
>
> ~ Aaron Harris, Chief Technology Officer

Sage

Our Programmes

Teens in AI

#IWD GLOBAL TECHATHON

Run February to April annually, a global event hosted virtually in a hybrid format 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**

AI4GOOD INCUBATOR

The AI4Good 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**

AI ADVENTURES
Self-Paced Courses

AI Adventures self-paced courses go beyond just coding and AI creation. It's where young minds learn to think critically and solve real-world problems. We focus on using AI responsibly for the greater good, ensuring a brighter future where technology and humanity grow hand in hand. **Find out more**

Teens in Action Forum
Your Voice, Your Future

A virtual 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. Each month, we invite expert speakers who specialise in AI, ethics, and social impact topics. **Find out more**

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**

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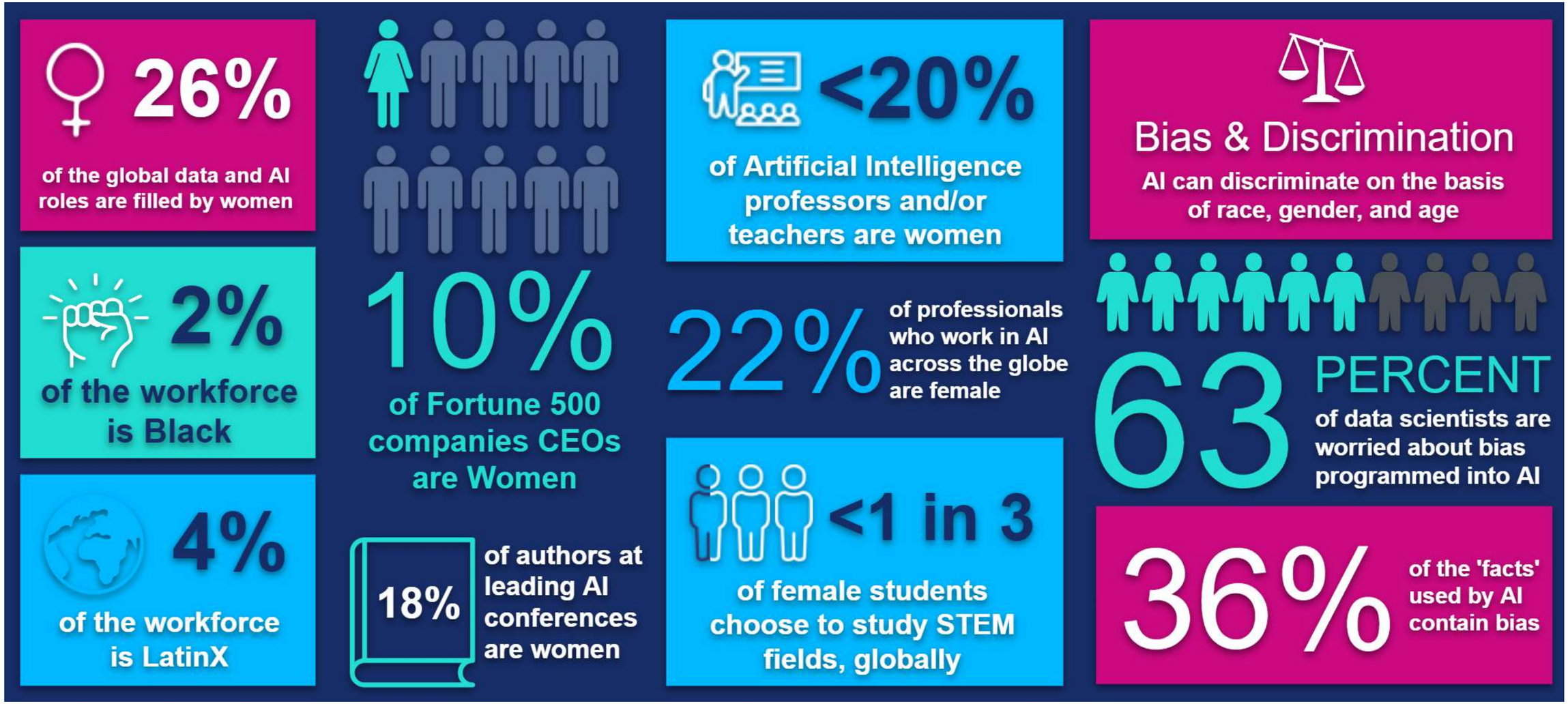
Delivering Impact Together

> It is essential to ensure diversity in our workforce and that’s why it is important to encourage the young generation to pursue careers in STEM. Together, we're empowering young people, especially teenage girls, to explore the world of tech.

SOCIETE GENERALE

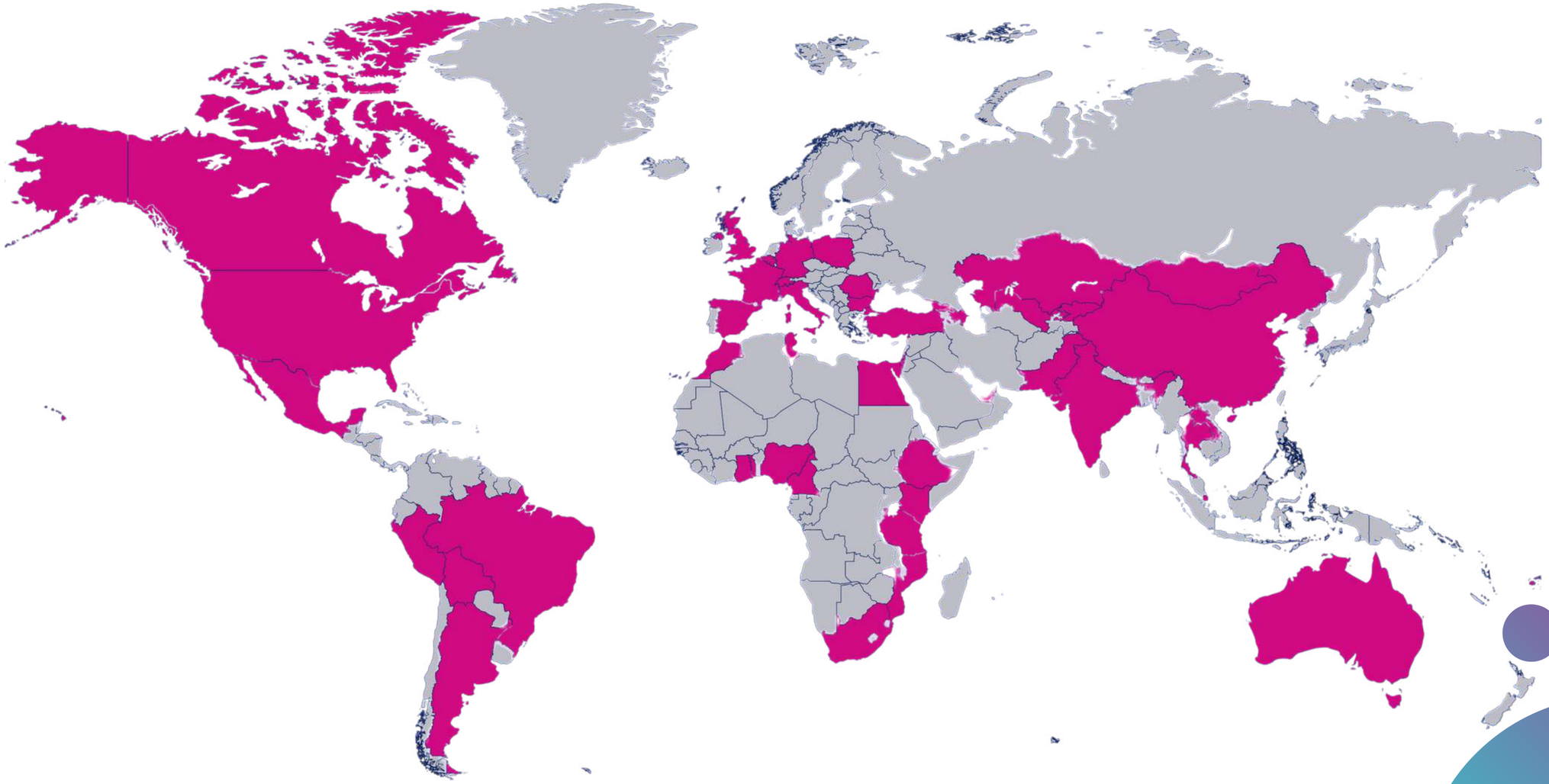
Our Why

Teens in AI



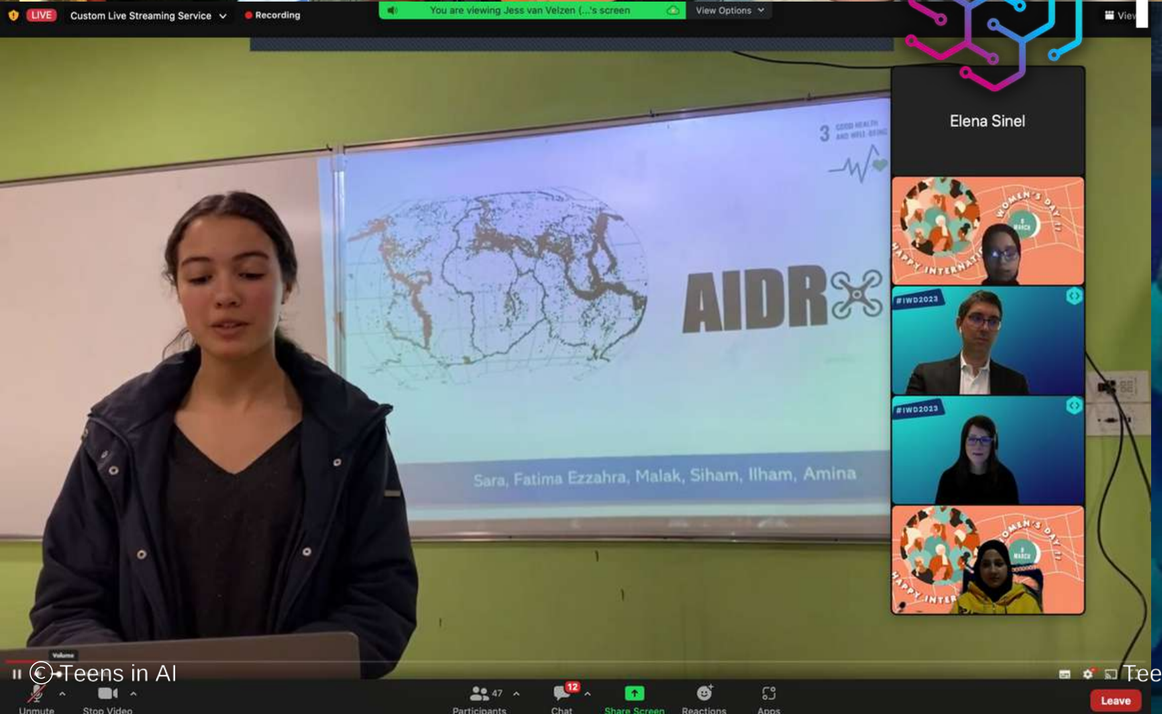
Our Global Reach

Teens in AI



Beiersdorf
CARE BEYOND SKIN
HACKATHON
Teens in AI
Teens in AI
Inspiring teens to explore a future in tech and AI through collaborative, hands-on learning experiences

Teens in AI


LIVE
Custom Live Streaming Service
Recording
You are viewing Jess van Velzen (...'s screen
View Options
Elena Sinel
AIDR
Sara, Fatima Ezzahra, Malak, Siham, Ilham, Amina
#IWD2023
Unmute
Stop Video
Participants
47
Chat
12
Share Screen
Reactions
Apps
Leave

Teens in AI

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Teens in AI

Diversity in Action

A focus on girls and young people from underrepresented backgrounds

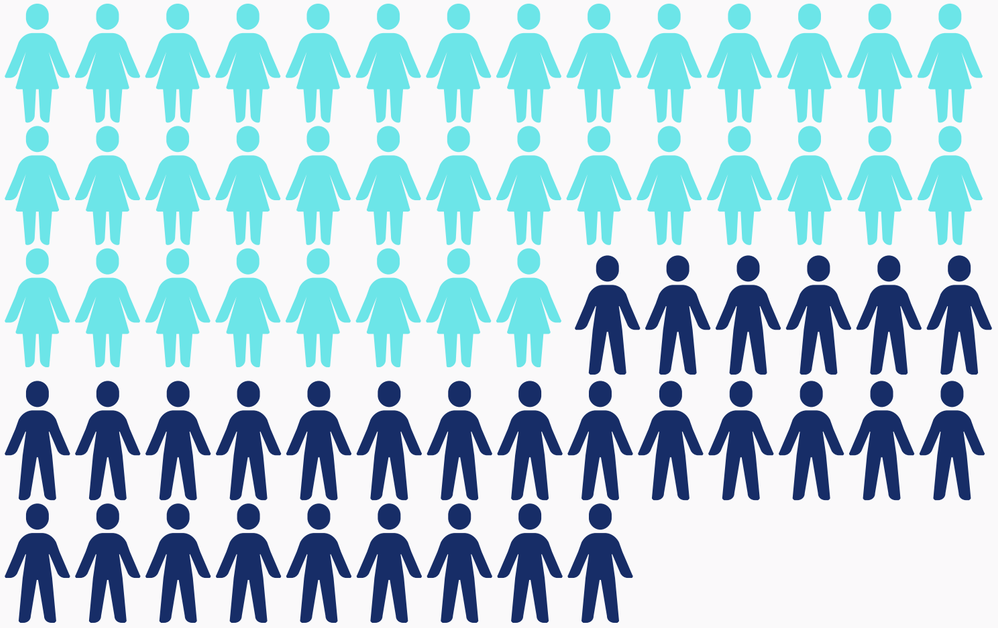
> We aim to create positive impact and ensure that AI is in the hands of everybody.
>
> ~ Anne-Laure Thibaud, EVP, Data & AI Group Offer Leader

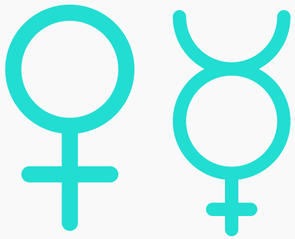
Capgemini

Diversity in Action

Female and non-binary

2023 saw a worldwide reach of **985,746** individuals across all programmes.



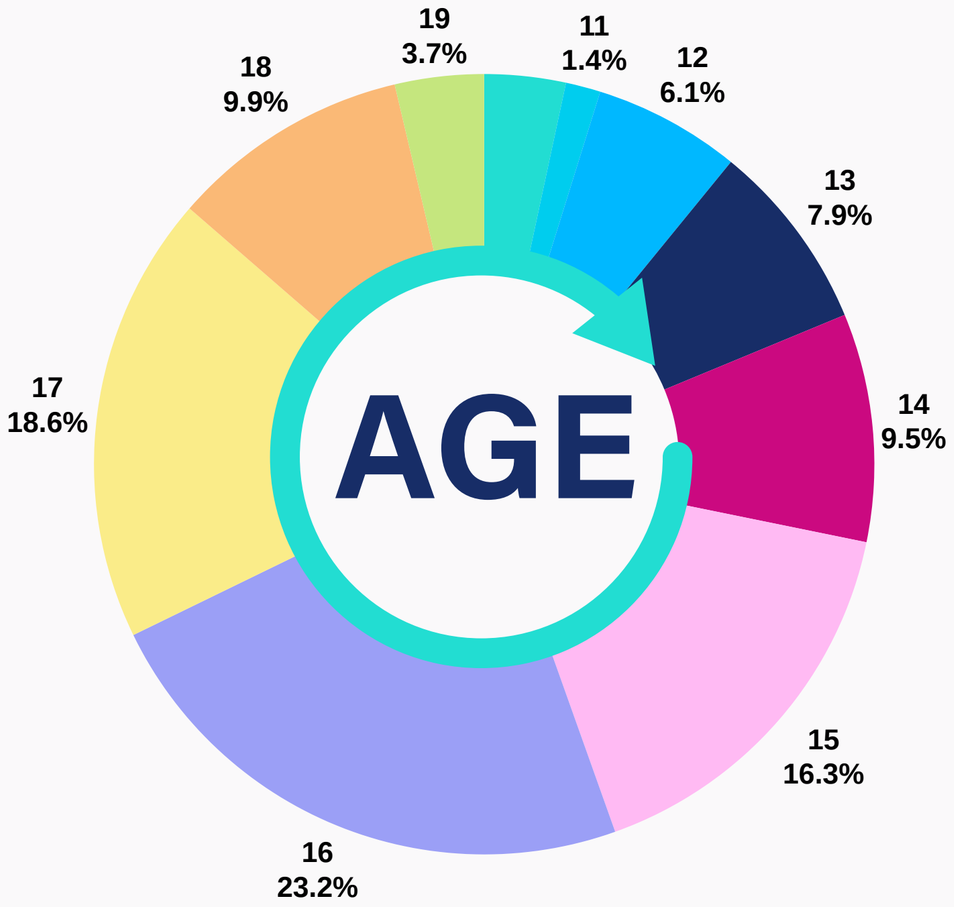


57%

identified as Female and Non-binary

Diversity in Action

Age range

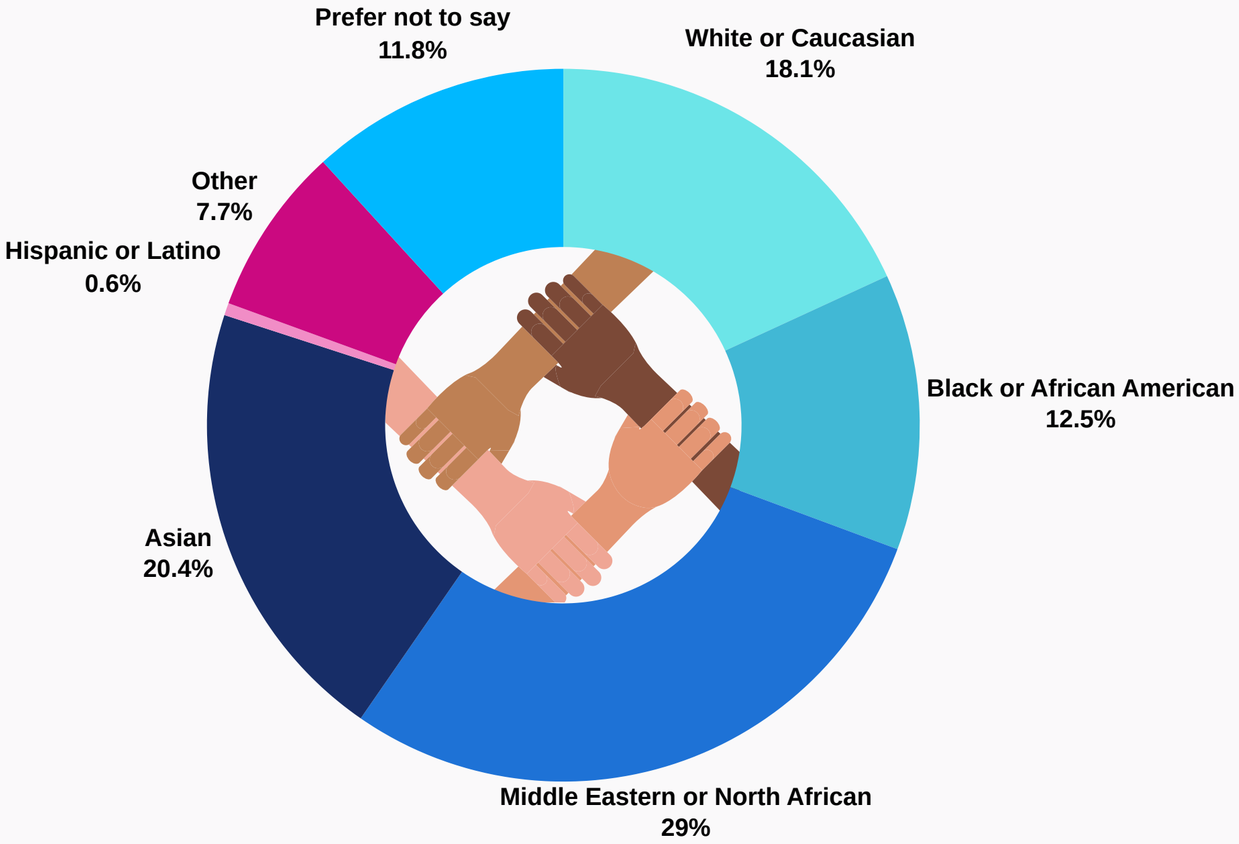


We had a mix of newcomers and alumni from past programmes, with those joining from age 11 to 19.

The age range demonstrated a well-balanced mix, with 16-year-olds constituting 25%, and 17-year-olds constituting 18% of the total, highlighting considerable enthusiasm among participants at a critical age where teens are starting to think about their future careers.

Diversity in Action

Ethnicities



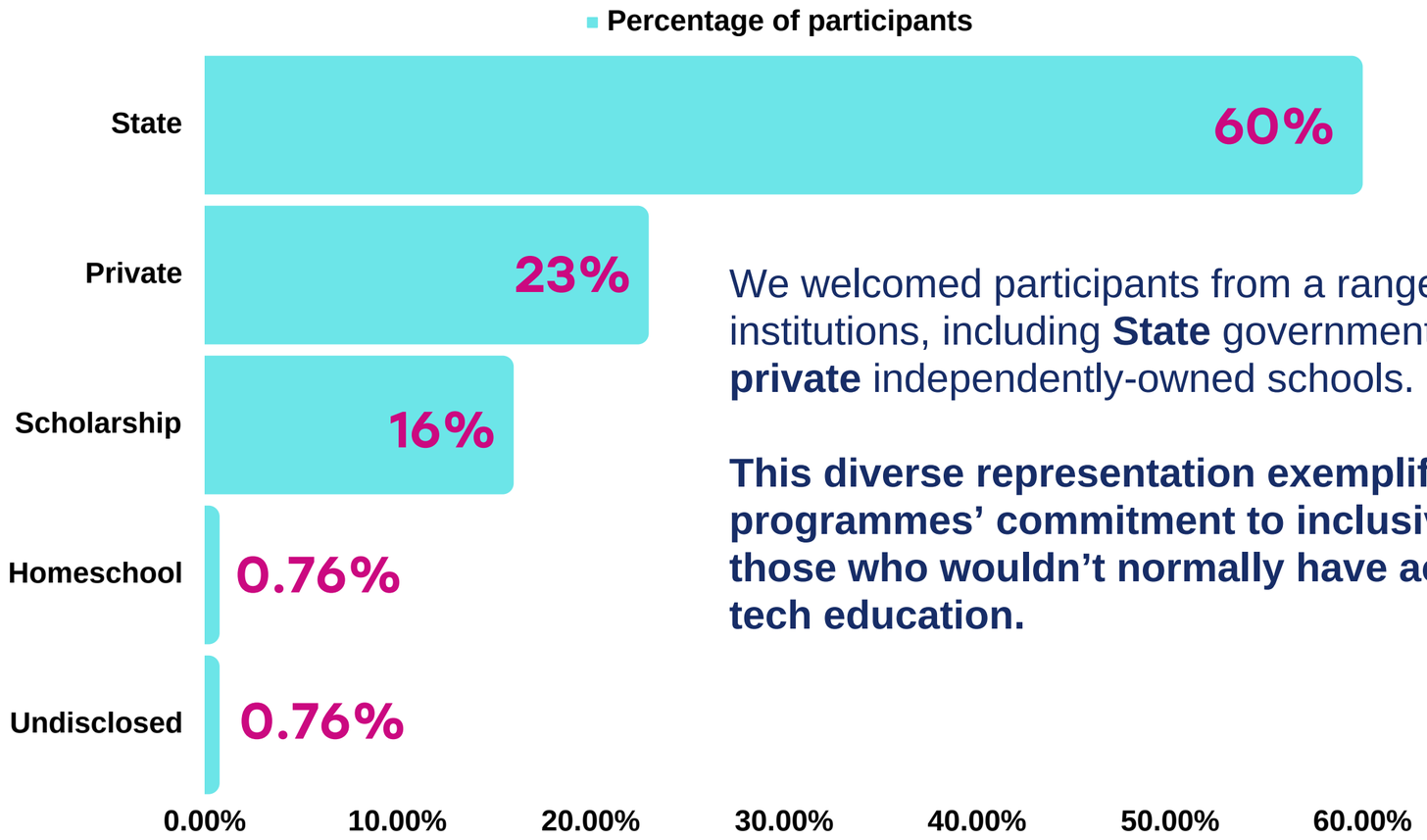
Diversity is demonstrated in the active engagement of **participants representing a wide range of ethnicities**. We are delighted to showcase the remarkable success at promoting inclusivity.

Our unwavering commitment to cultivating an environment of openness and acceptance is underscored by this richly diverse participation, reflecting our aligned dedication to embracing young people from all walks of life.

© Teens in AI

Diversity in Action

A focus on State-educated teens and those on scholarships



We welcomed participants from a range of learning institutions, including **State** government-run schools, and **private** independently-owned schools.

This diverse representation exemplifies our programmes' commitment to inclusivity, particularly those who wouldn't normally have access to AI and tech education.

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Skills Assessment

Understanding participant self-assessment

“ A life-changing programme

Cross-Programme Skills Assessment

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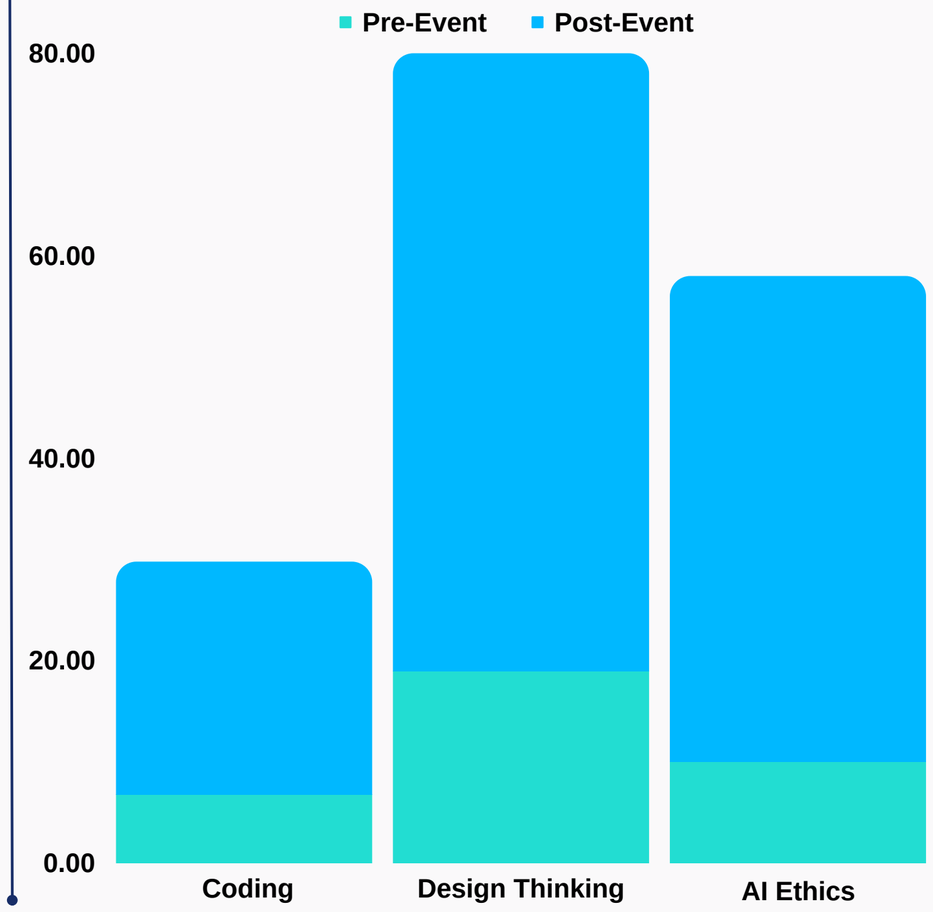
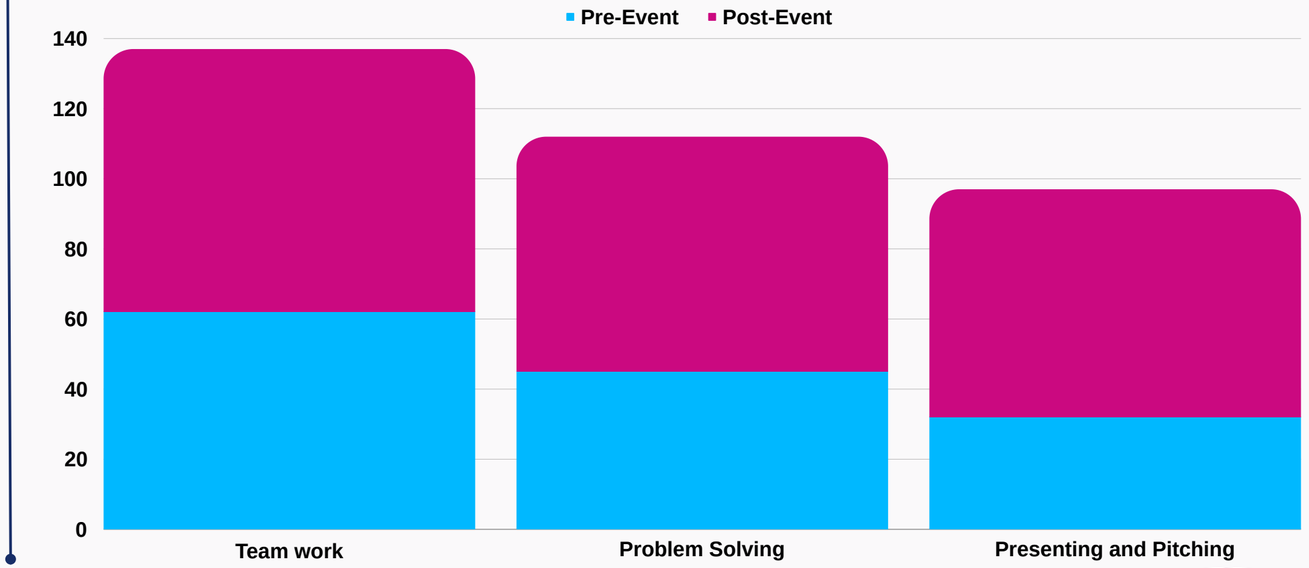
Technical



Soft



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

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Programme Satisfaction

87% of participants in 2023 found the programmes helpful

90% of participants expressed a **greater understanding of how tech/AI can be used in the real world**

76% of participants expressed that, having participated in the programme, they have **greater understanding of the importance of ethics in tech/AI**

90% of participants now believe that **AI/tech is an interesting field**

74% 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 they are now **certain that they want to pursue a career in tech/AI**

87% of participants state that their experience was **‘Helpful’ and ‘Very Helpful’ in planning for their future**

*Based on combined ratings of ‘4 High’ and ‘5 Very High’

© Teens in AI

Skills Assessment

Inspiring their future

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

Participants engaged in a number of programmes dedicated time to evaluating how their involvement has shaped their **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 based on how they believed their understanding of core subjects shifted over the course the programme.

Mathematics

Before: **46%**
After: **55%**
20%

Design Thinking

Before: **25%**
After: **55%**
120%

AI & Tech

Before: **51%**
After: **68%**
33%

Data Science

Before: **37%**
After: **50%**
35%

Skills Assessment

Mentor participation

Mentors play a significant role in our programmes, 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 a safe space where their thought process and creativity can flourish.

462

Total Mentors

1,021

Total Mentor Hours

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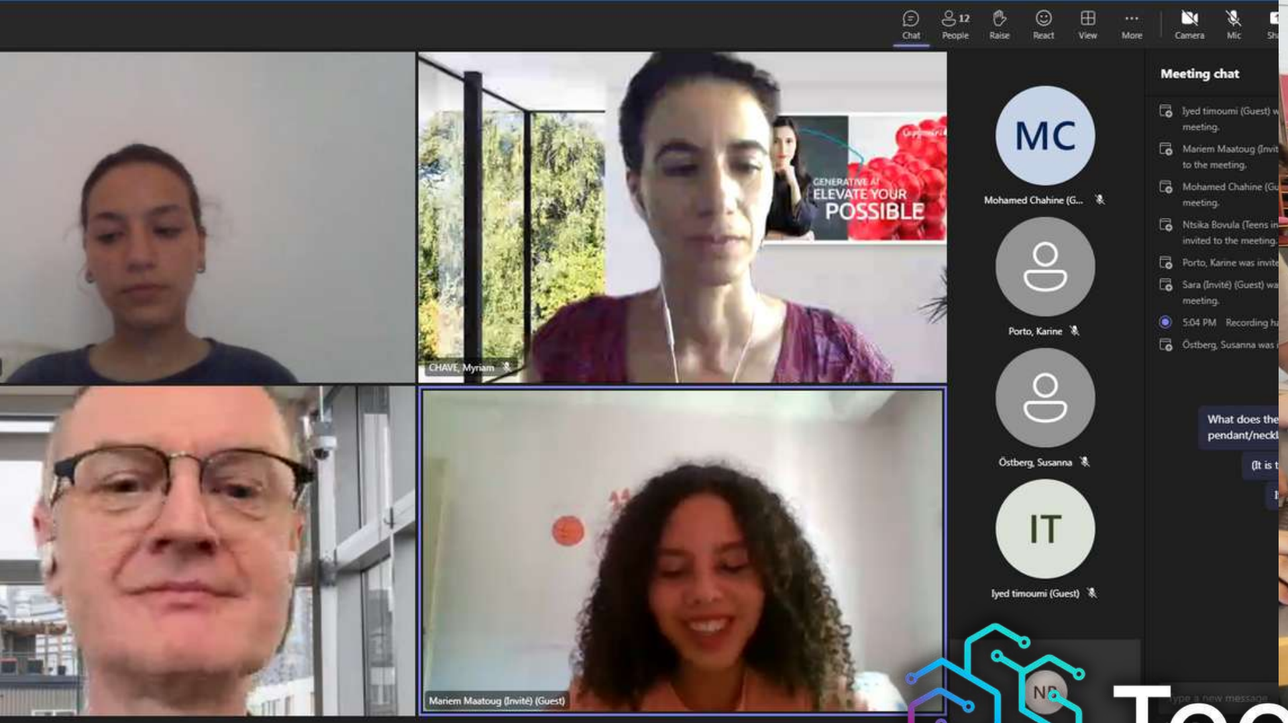
Teens in AI

Programme Highlights

> Our motivation to join Teens in AI as a global partner is to be a game-changer in our industry ... Capgemini is fully engaged in increasing diversity and digital inclusion in the tech area, further we aim to contribute to more diversity of minds in AI field and prevent all types of bias.

Capgemini


Chat
People
Raise
React
View
More
Camera
Mic
Meeting chat
MC
Mohamed Chahine (G...
Porto, Karine
Östberg, Susanna
IT
Iyed timoumi (Guest)
CHAVE, Myriam
Mariem Maatoug (Invité) (Guest)

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#IWD GLOBAL TECHATHON

Annual Programme Highlights

Impact in Numbers

International Women’s Day Global Techathon

Run February to April annually, a global event hosted virtually in a hybrid format 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.

27,782
Total Campaign Reach

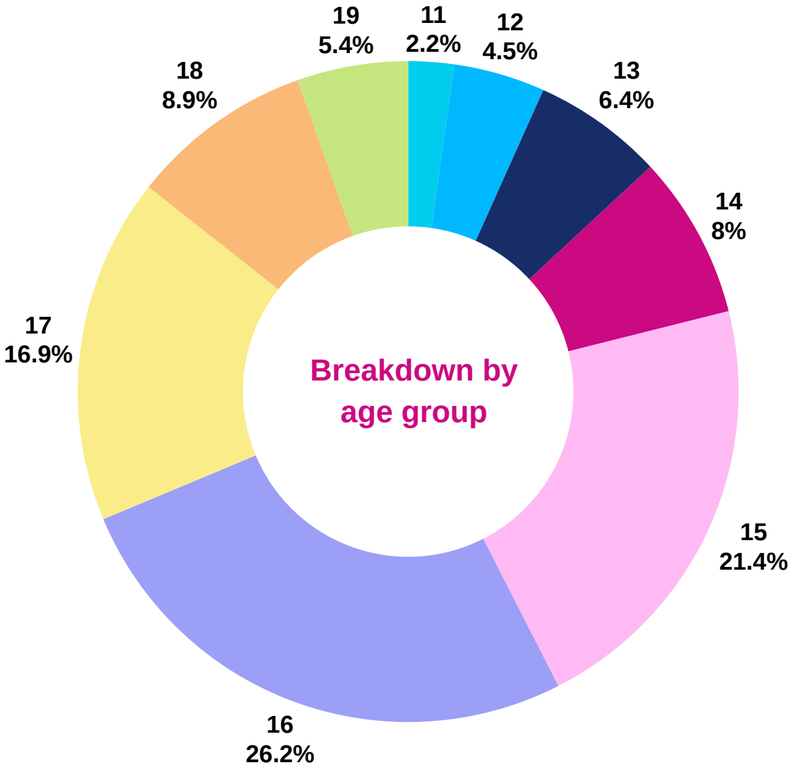
58%
Female & Non-binary

14
Participating locations

27
Local Ambassadors

176
Total Mentors

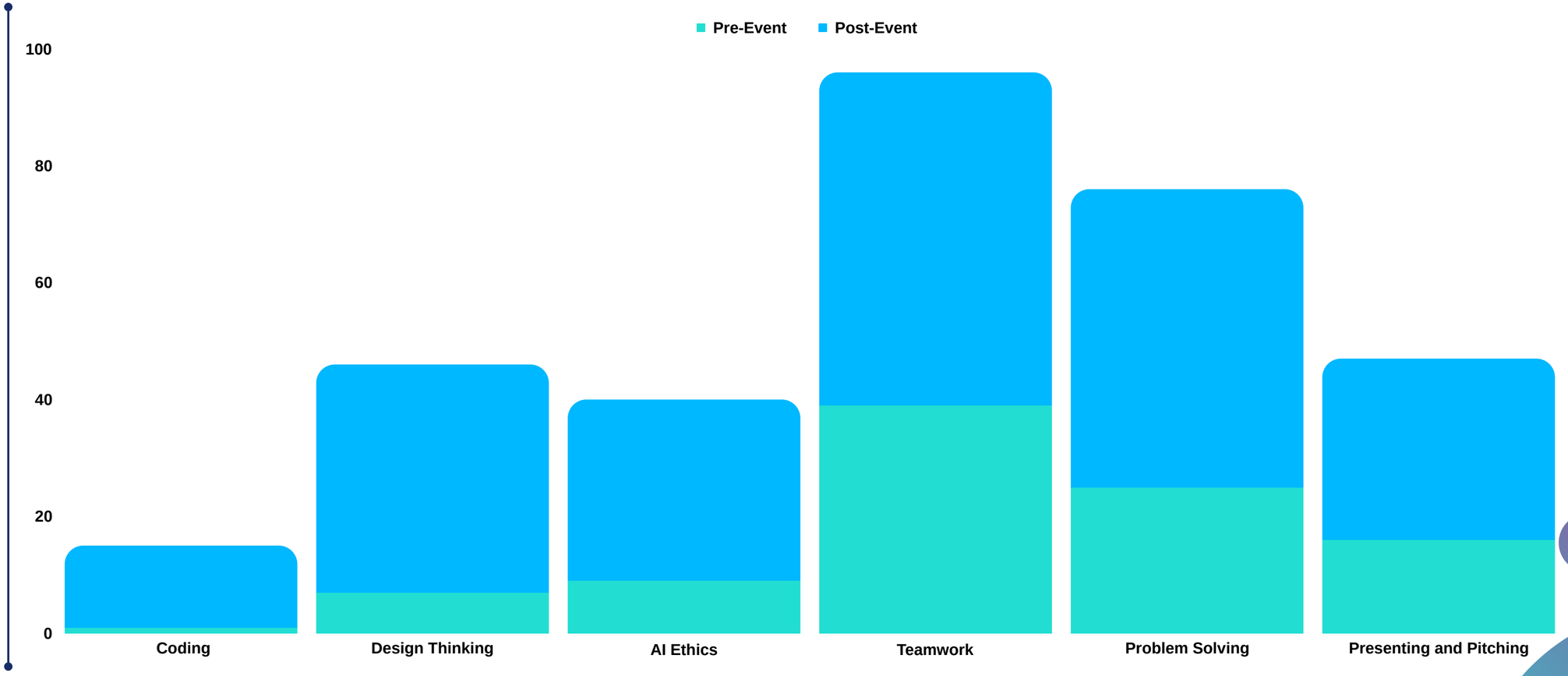
1,123
Mentor Hours



93% of participants expressed that their experience was ‘Helpful’ and ‘Very Helpful’ in planning **to pursue a career in tech/AI**

Skills Assessment

International Women’s Day Global Techathon



*Based on combined ratings of ‘4 High’ and ‘5 Very High’

Programme Highlights

The winning teams

Winner

An AI drone with heat sensors can help locate and assess the heart rates of people trapped under rubble during disasters, saving valuable time in rescue efforts and reducing loss of life.

Team members:
Sara, 16, Morocco
Amina, 16, Morocco
Siham, 17, Morocco
Malak, 16, Morocco
Ilham, 16, Morocco
Fatima-Ezzahra, 16, Morocco

Runner Up

A cost-effective and user-friendly project to improve the social activities of people with blindness, offering an alternative to expensive eye surgery.

Team members:
Mariem, 16, Tunisia
Sara, 15, Tunisia
Ranim, 17, Tunisia
Mouhamed Iyed, 15, Tunisia
Mohamed Chahine, 17, Tunisia

© Teens in AI

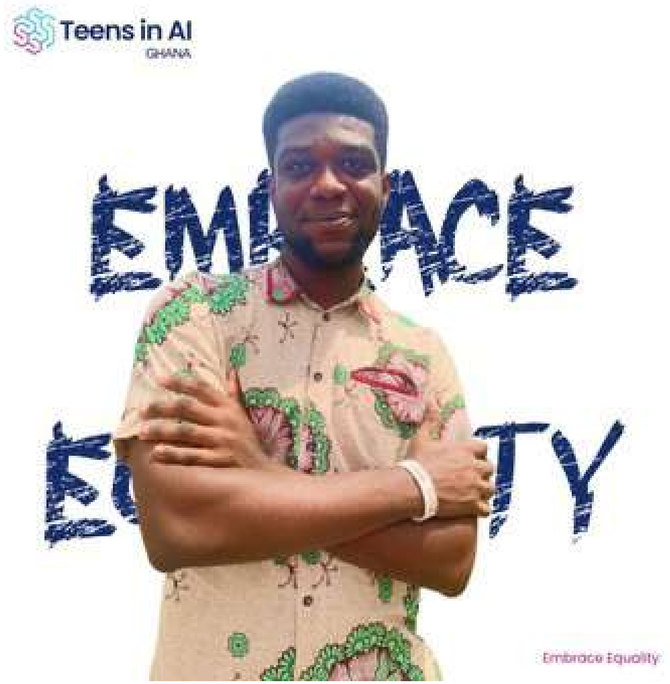
In their own words

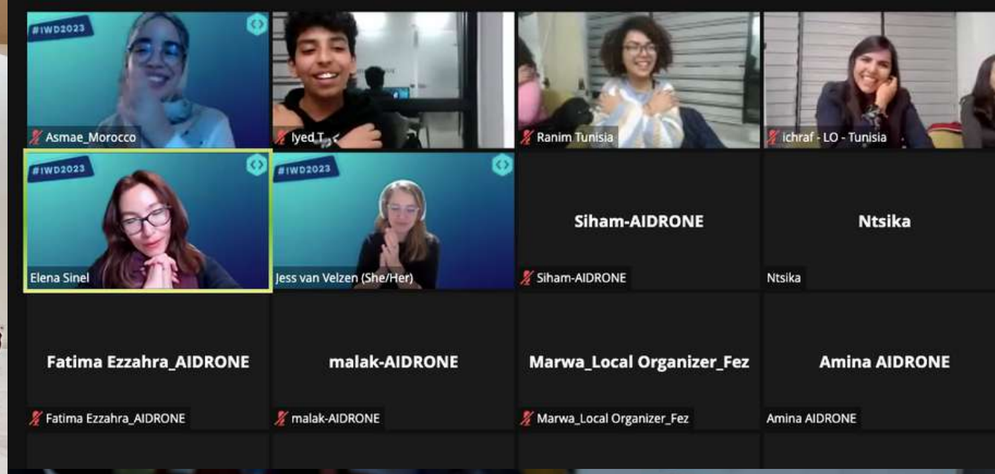
The experience

> This hackathon **guided us really well into developing a solution based on AI**. We learned an incredible amount of information and tips to manage a project. I can't really describe all my emotions because it will take too long but just know that **this experience is really incredible**, amazing and INSANE!
>
> **~ Sara, 16, Morocco | Winning Team Participant**

> As we move towards a more digital and data-driven future, it is essential to ensure diversity in our workforce. Together, we're **empowering young people**, especially teenage girls, to **explore the world of tech and to provide more inclusive** and bias free Data & AI.
>
> **~ Julien Molez, Group Data & Innovation Leader - Societe Generale | Judge**

> So many **bright young minds** coming together. It is very interesting to see how t**hese young people get a voice to make a positive change in the world.** I hope they will keep up the good work and make education accessible to all children.
>
> **~ Arti Nokhai, Data & AI for Financial Services Lead NL Capgemini | Mentor**





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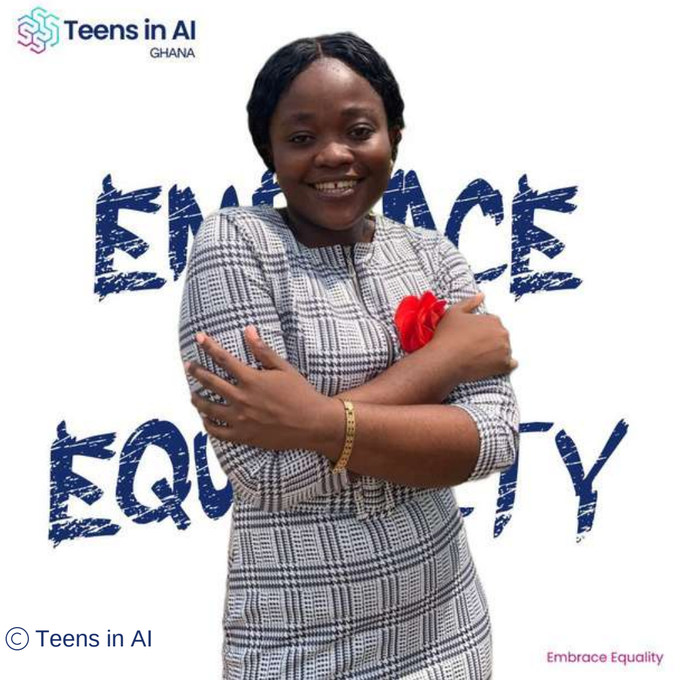


© Teens in AI

Teens in AI

AI4GOOD INCUBATOR

Annual Programme Highlights

Impact in numbers

AI4Good Incubator

The AI4Good 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.

15,750
Total Campaign Reach

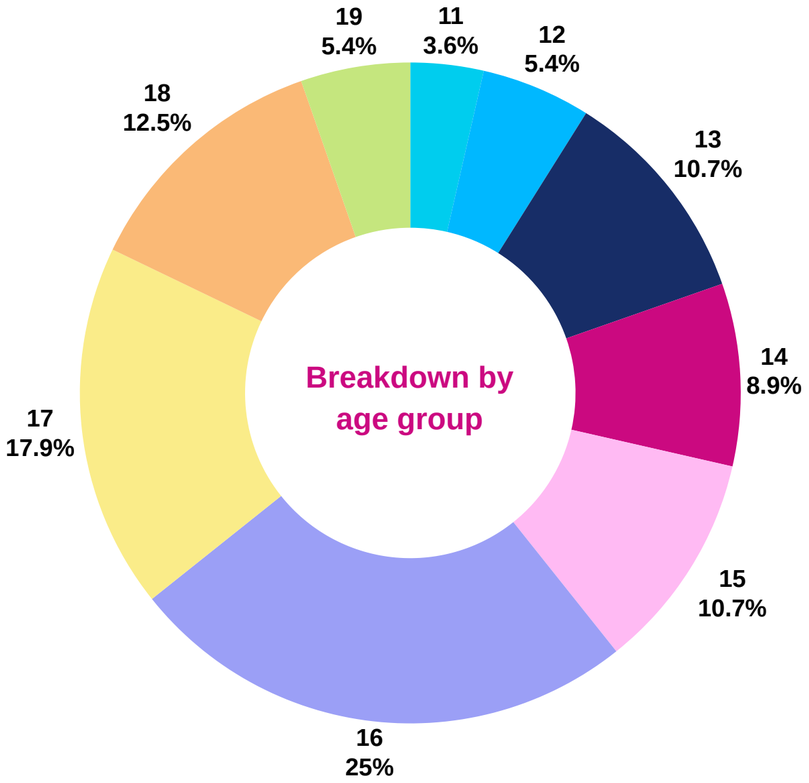
58%
Female & Non-binary

18
Participating locations

2
Workshops

150
Total Mentors

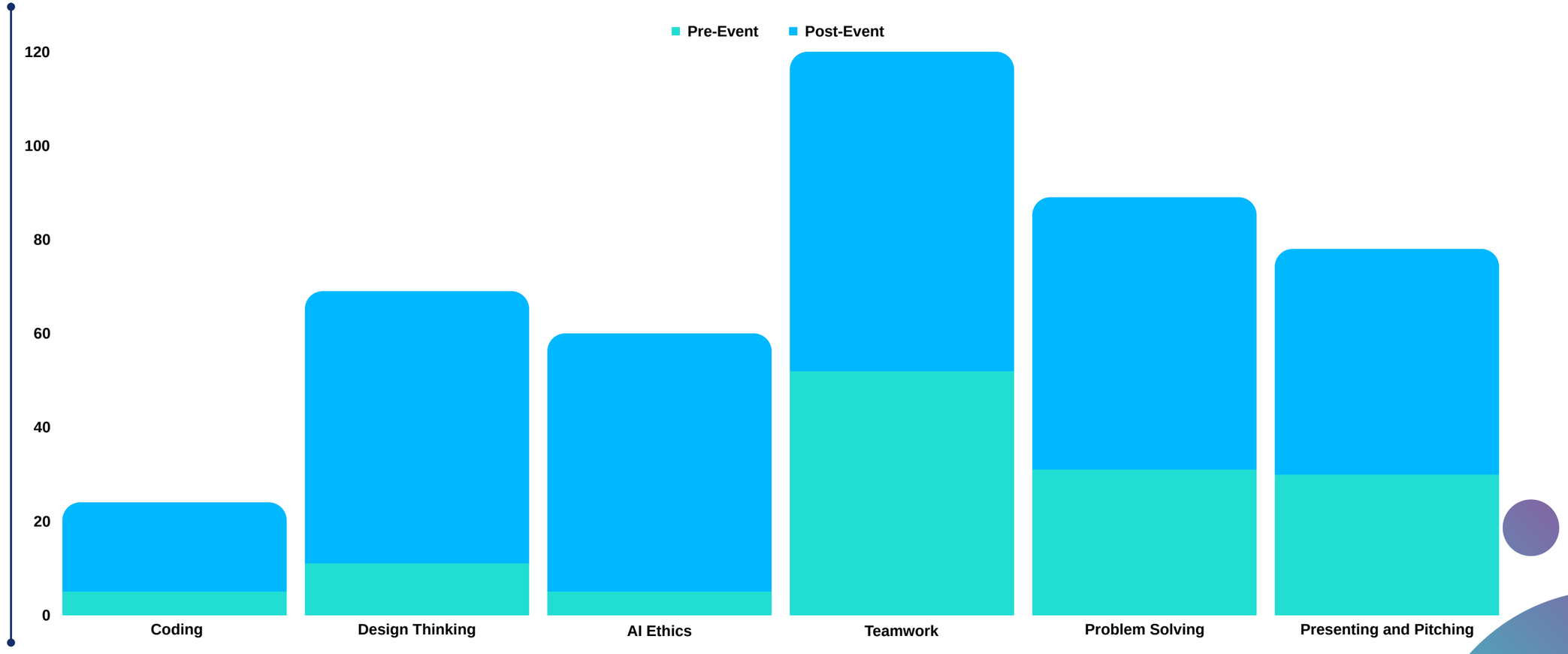
48
Mentor Hours



84% of participants expressed that their experience was ‘Helpful’ and ‘Very Helpful’ in planning **to pursue a career in tech/AI**

Skills Assessment

AI4Good Incubator



Programme Highlights

The winning teams

Winner

An advanced detection system that combats invasive species with incredible efficiency.

Team members:
Victoria, 16, Bulgaria
Sara, 16, Morocco
Akramjon, 16, Uzbekistan
Fatima-Ezzahra, 17, Morocco
Mohamed Chahine, 18, Tunisia

Runner Up

An innovative project that merges gaming excitement with real-world action.

Team members:
Mohamed Radouene, 18, Tunisia
Eya, 19, Tunisia
Drishti, 14, UAE
Samuel, 18, Germany

Our winners collectively came from six countries across Europe, Africa, Asia and the Middle East

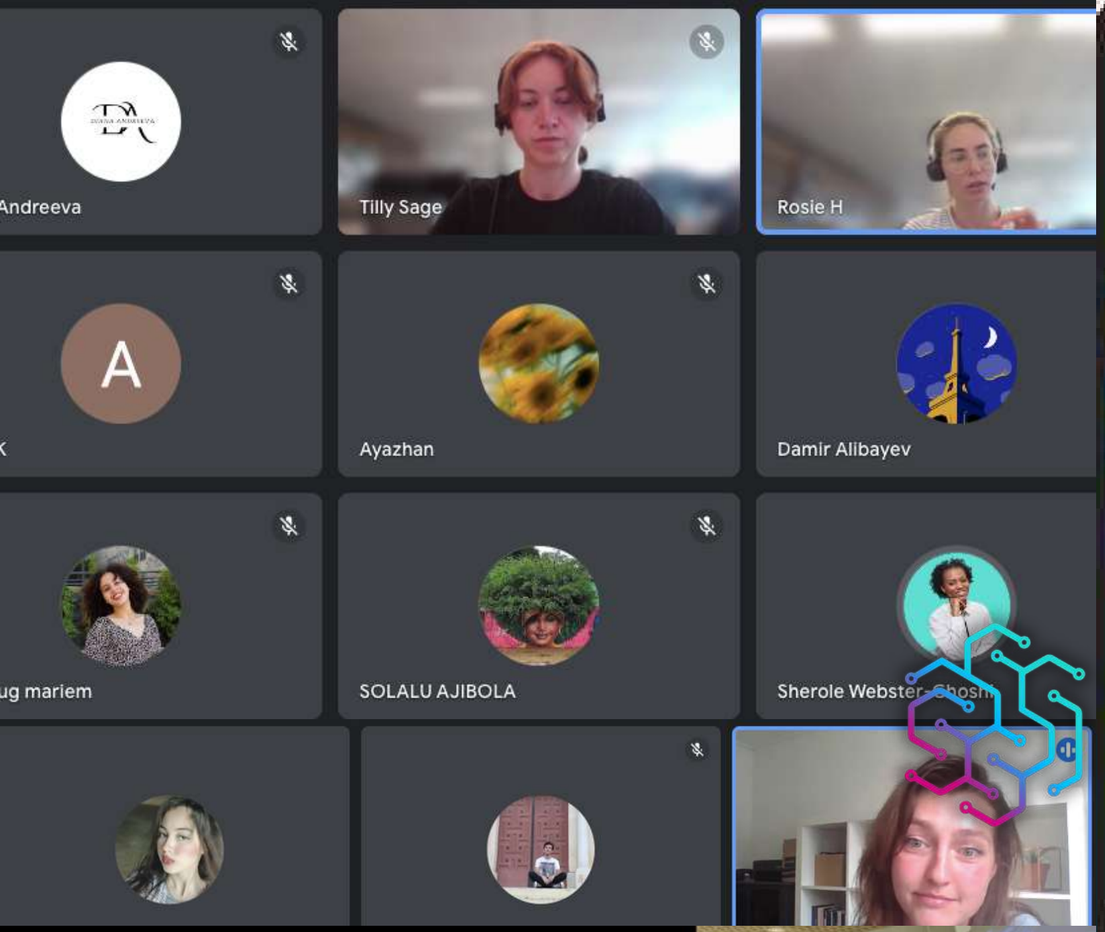
In their own words

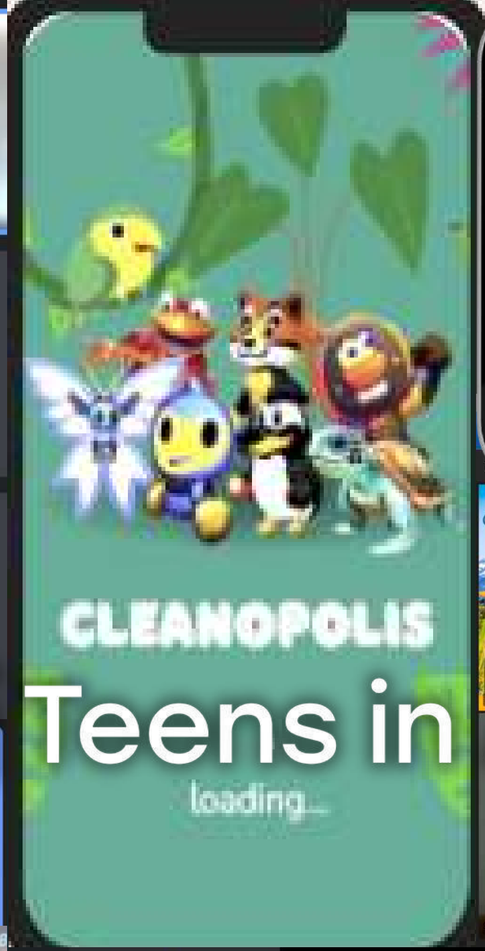
The experience

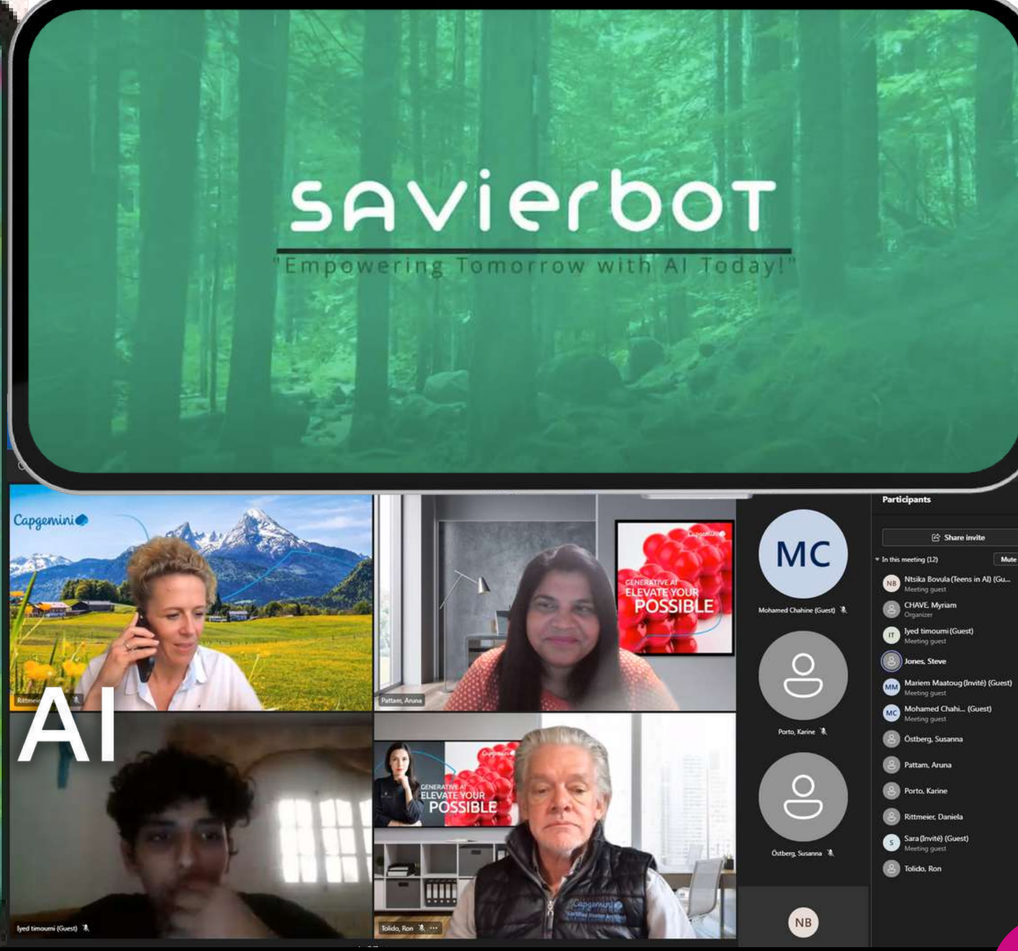
> It was **the most wonderful and best experience in our lives**, and I will not hesitate if I have the opportunity to participate in it again. I learned a lot of things that I did not know, and **this experience will make you a better person and develop your skills** in all fields.
>
> **~ Fatima, 17, Morocco | Winning Team Participant**

> I am so excited that the teens have decided to join our AI Community. **As visionaries, and as dreamers, they can imagine uses for AI that empower and connect.** They are already present contributors to a legacy of AI that is in the making.
>
> **~ Ben Cunningham, Principal Machine Learning Engineer - Sage | Judge**

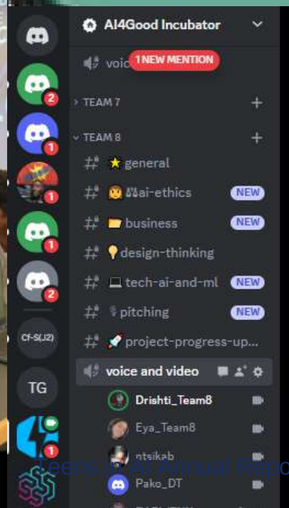
> I found myself looking forward to my scheduled mentorship sessions, **the boundless thought leadership from the youth was inspiring to experience**. I was honoured to supplement their journey by addressing their questions and sharing industry experience. **I am already looking forward to next year!**
>
> **~ Marleigh White, Product Manager & Executive Director CSR - Prophix Solutions | Mentor**

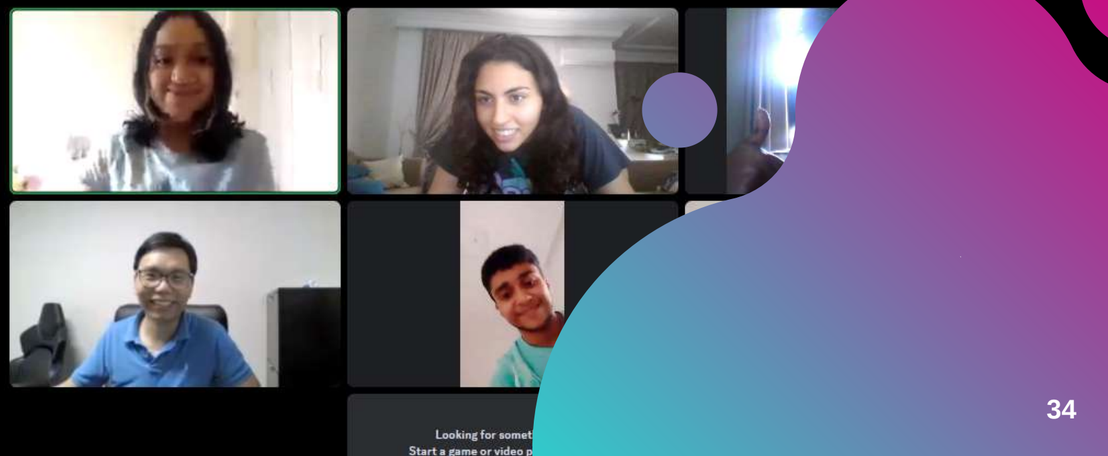






Env-AI-ronmental Awareness: What Teens Can Teach You About Technology and Sustainability





Teens in AI

AIADVENTURES
Courses

Programme Highlights

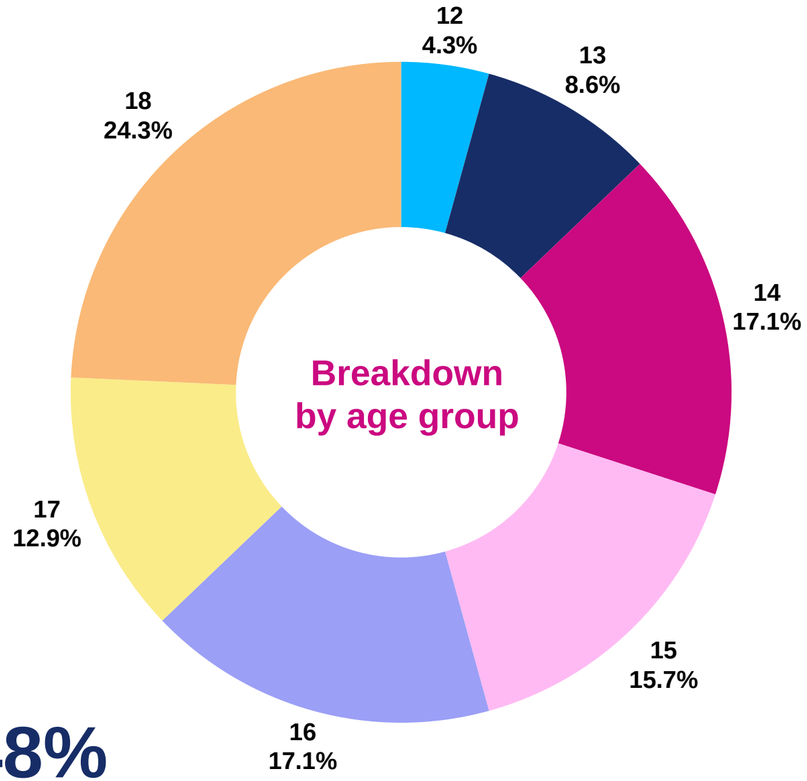
Impact in Numbers

AI Adventures self-paced, online courses

Our curriculum empowers teens to discover their passion for AI. AI Adventures was soft-launched in late 2023.

These self-paced courses foster skills in data analysis, programming, and problem-solving, nurturing critical thinking and ethics.

Teens learn about AI, Tech, Maths and Coding and apply these skills and concepts through quizzes, coding exercises, and projects.



2,467
Total Programme Reach

53%
Female & Non-binary

20
Participating locations

48%
Scholarships granted

Sample self-paced, online Courses

AI Adventures formally launches in February 2024

Image processing in AI

Learn about images, data compression, classification and colour detection using Python for Machine Learning.

- **Level:** Beginner
- **Age:** 13 – 19
- **Duration:** 8+ Hours

Learn More

Image processing in AI

Apply advanced techniques on an image and perform real world applications like image classification and image filtering.

- **Level:** Intermediate
- **Age:** 13 – 19
- **Duration:** 12+ Hours

Learn More

Signal Processing and AI

Learn about signals and statistics, and how to analyse and process signal data using Python for Machine Learning.

- **Level:** Beginner
- **Age:** 13 – 19
- **Duration:** 8+ Hours

Learn More

Signal Processing and AI

Apply advanced techniques on signals to be able to clean the signal, forecast the new events, compress it and denoise it.

- **Level:** Intermediate
- **Age:** 13 – 19
- **Duration:** 12+ Hours

Learn More

*Links not live

Teens in AI

TEENS IN ACTION

Your Voice, Your Future

Programme Highlights

Impact in Numbers

Teens in Action Forum

A **newly launched** 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.

4,662
Total Programme Reach

24
Locations

67%
Female & Non-binary

3
Speakers

A new addition to our programme, the Teens in Action Forum was an immediate success launching in the second half of 2023. Our inaugural events were lead by industry specialists and covered climate change, AI ethics and radiology:

- **AI and Climate Change** with Sherif Elsayed-Ali
- **Empowering Teens to Navigate AI: An AI Ethics Workshop** with Irina Verlan
- **The Future of Healthcare and AI: How AI is being applied to Radiology** with Dr Nina Kottler

Teens in AI

Beiersdorf CARE BEYOND SKIN HACKATHON

POWERED BY Teens in AI

Bespoke Programme Highlights

Our tailored consultancy solutions help corporates, governments, and educational institutions meet community-driven goals, offering support to navigate and achieve strategic objectives effectively.

Impact in Numbers

Beiersdorf Care Beyond Skin Hackathon powered by Teens in AI

51%
Female &
Non-binary

3
Countries across Europe in 2023
~ Germany, France, UK, with a
further 3 coming in 2024

21
United Nations Sustainable Development Goal Projects developed including SDG 3 (Good Health & Wellbeing), SDG 5 (Gender Equality) and SDG 13 (Climate Action)

As one of our Bespoke Programmes that continues into 2024, our partnership with Beiersdorf recognises the importance of equipping young people with the skills they need to succeed in tomorrow's world.

The Care Beyond Skin programme aims to provide these skills to those who may not have the opportunity otherwise. By making the world of responsible AI and technology more accessible, young people from under-resourced communities can be inspired and empowered to shape their dreams and build a better future for themselves and their communities.

Teens in AI and Beiersdorf have joined forces to create a tangible impact by organising a series of in-person hackathons across Beiersdorf Group's European locations completing in 2024.

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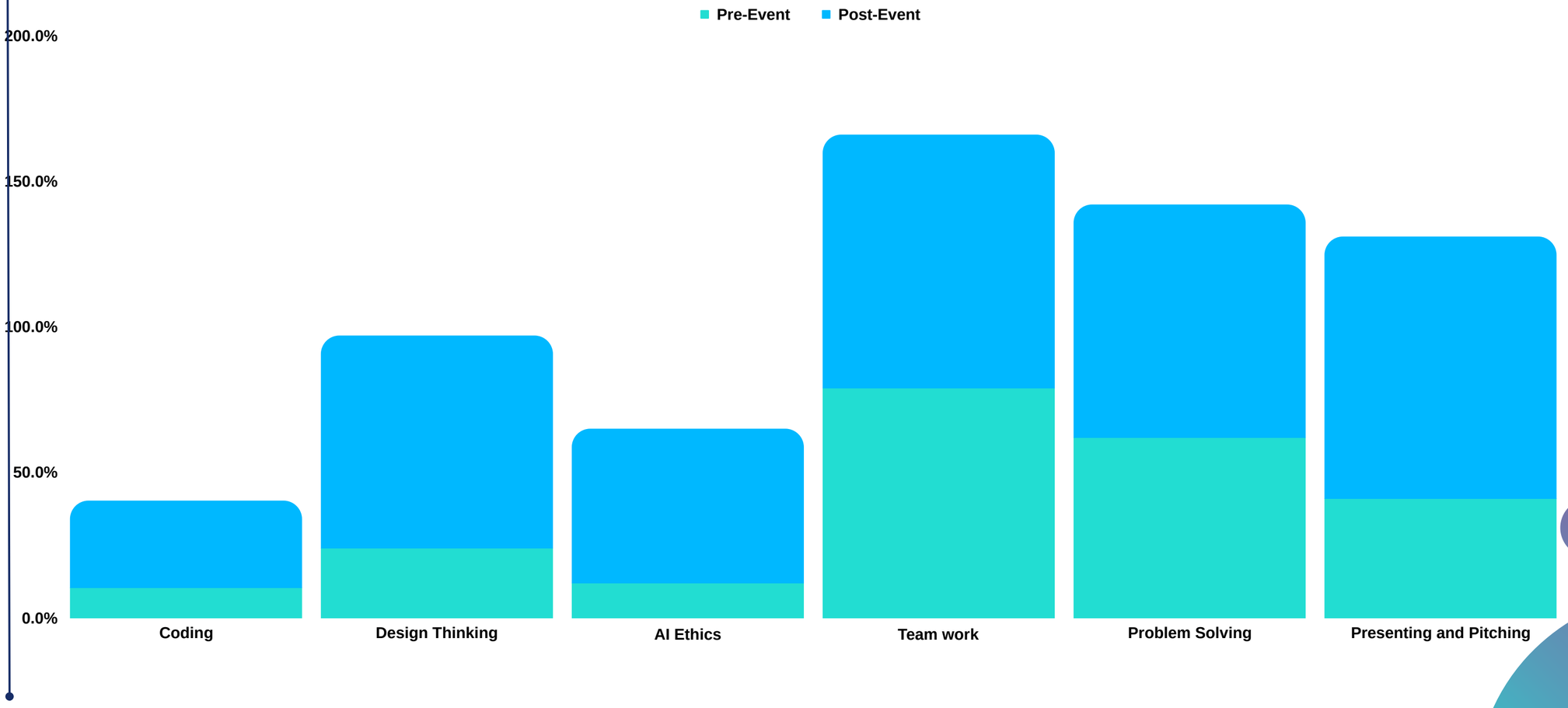
Skills Assessment

Technical and Soft Skills



Programme Highlights

The winning teams

Safezone | Hamburg

11 June 2023

A chatbot designed to identify dangerous zones in specific locations, alerting users to potentially violent areas and contributing to the reduction of violence against women.

Team members:
Samuel, 18
Elisa, 13
Ruben, 16

Pain Chaud | Paris

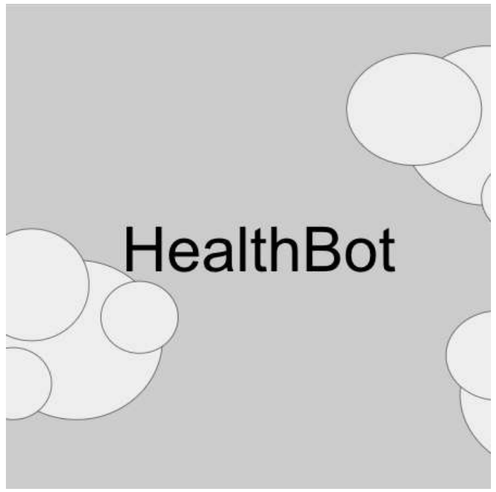
15 October 2023

A chatbot, Harmony Guard, that offers a general assessment of a woman's situation, providing referrals to psychologists if desired.

Team members:
Lyam, 16
Nathan, 16
Luc, 16
Geronimo, 12
Elyes, 12

Programme Highlights

The winning teams



Healthbot | Hamburg

20 October 2023

A chatbot-driven solution, addresses childhood obesity by offering customised meal plans and personalised activity schedules.

Team members:
Max, 13
Sophie, 12
Vanessa, 12

Blue Dot | Birmingham

3 November 2023

An app “Sparkle Safety” that installs voice-activated microchips in women's jewellery, notifying authorities or contacts when specific keywords are detected, thereby enhancing safety.

Team members:
Dylan, 12
Bella, 12
Enoch, 13
Ismael, 13

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Testimonials

Hearing from the Winners, Judges and Mentors

I think AI is our future and I have learned a lot aboutAI but I have also learned how to pitch and how to work in a team. It think it will be very helpful for my further life.

~ Elisa, 13 , Hamburg | Wining Team Participant

It is a constant wonder to see the magic in teens eyes when they realise **they too can own AI** and they too can **make a difference**.

~ Emilie Joubert, Vice President Human Resources Europe - Beiersdorf | Judge

I had the privilege of witnessing an astonishing display of innovation and creativity. It was an incredible experience to see talented teenagers pushing the boundaries of what's possible in the world of #ai4good.

~ Mridhula Sridharan, Business Strategy Intern - GFA Exchange | Mentor

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Teens in AI

Collaborations

Working with like-minded organisations to achieve aligned goals

> At the Innovation Division of Societe Generale we are proud to partner with Teens in AI. By unlocking their (teens) potential, we're driving positive change for the future.
>
> ~ Noémie Ellezam, Chief Digital Strategy Officer, Group Innovation Division

SOCIETE GENERALE

Where aligned missions meet

Showcasing just some of our collaborations

UNESCO

Teens in AI unveiled its strategic partnership with UNESCO during the Global Media and Information Literacy Week 2023. This collaboration inspires young visionaries to delve into the expansive potential of AI in catalysing social change. Our aligned missions underscore the belief that leveraging technology is pivotal in forging a path towards a more equitable world.

Eclectic Love

Teens in AI partnered with Eclectic Love to further our mission of enhancing accessibility and inclusivity in AI. This initiative supports individuals aged 11 to 18 from underprivileged backgrounds with an interest in AI and technology. Sponsored students benefit from the AI4Good Incubator programme, enrolling in online AI courses at no cost.

Maths4Girls

Teens in AI and Maths4Girls collaborate to increase reach in the education for girls space. The partnership was founded on aligned missions of improving diversity in tech and AI and the targeting of girls from low income backgrounds. The goal is to create awareness-raising opportunities which translate into girls signing up for Teens in AI programmes.

© Teens in AI

Teens in AI

Engagement

Building brand values awareness

> Sage's vision and values are aligned with those of Teens in AI, in their own words: We look to use technology for social good and adopt a learning mindset, drawing on a diversity of views, experiences and backgrounds.

Sage

Engagement

Programme engagement across all channels

634,116
Reach

50,084
Interactions

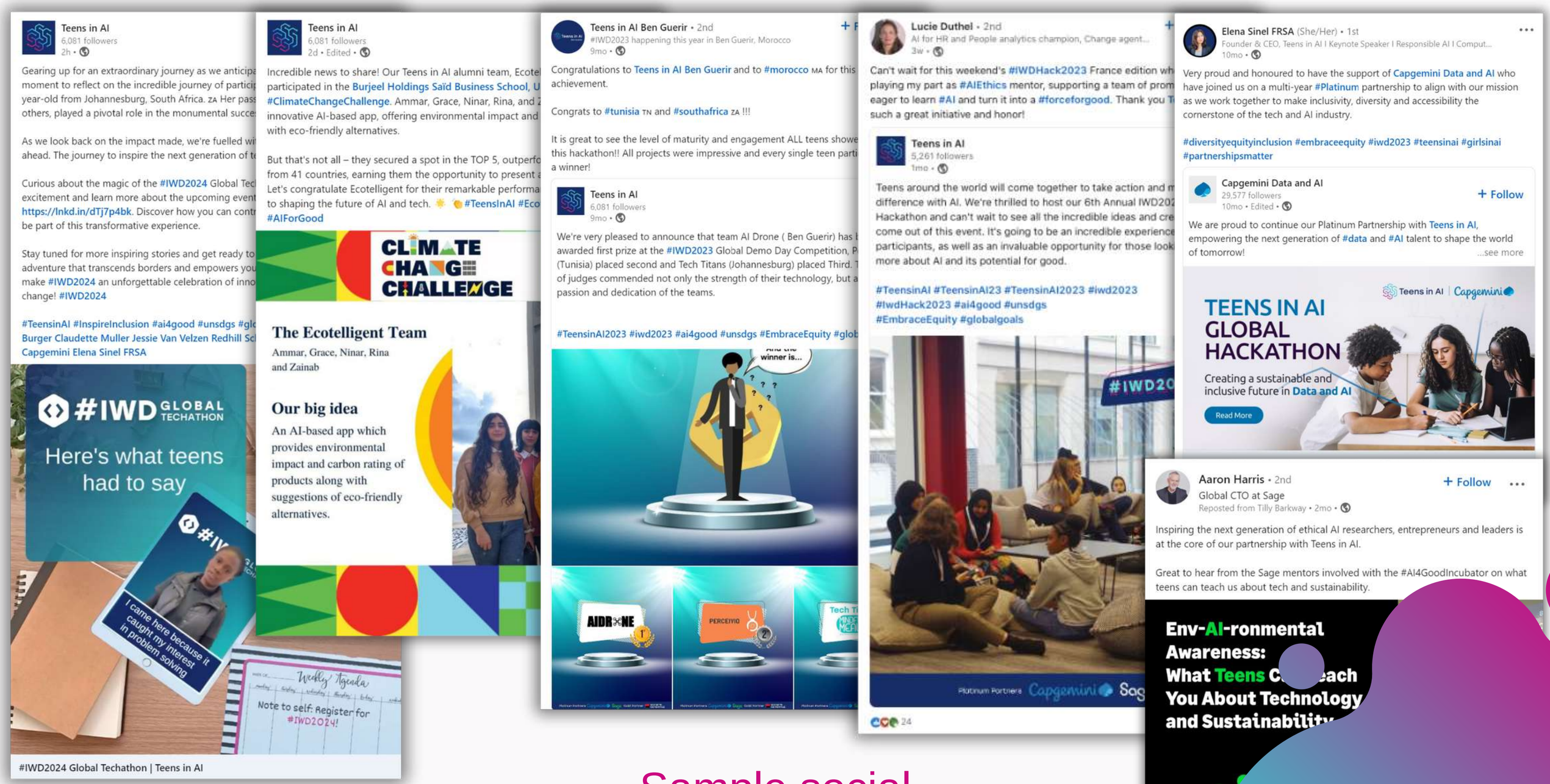
21,896
Link clicks to website

9,457
Video views

22,887
Newsletters subscribers

648
Social media posts

© Teens in AI



Sample social

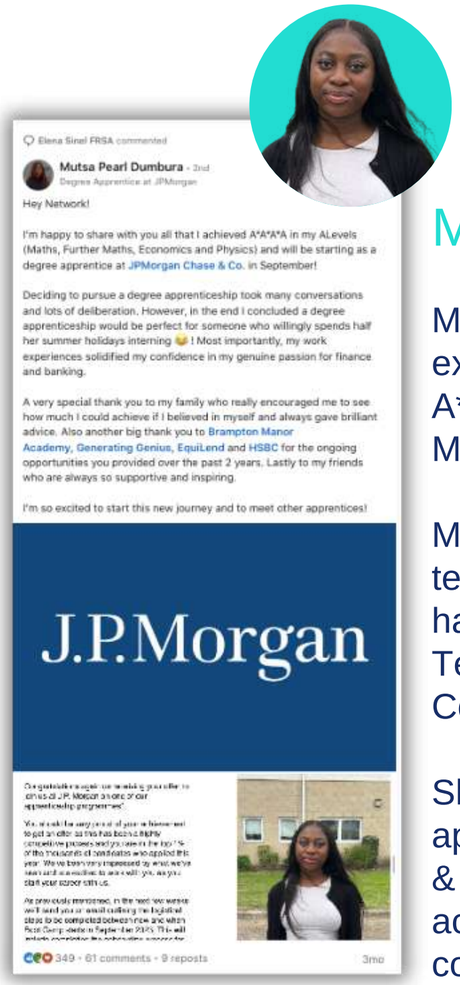
Teens in AI

Our Alumni

Keeping in touch

> Teens in AI you've inspired me and that will forever be my heart's grasp! The Global Hackathon ... was a life-changing experience for me.
>
> ~ Suhana Sahib, Senior Associate - Audit & Assurance

Where are they now?

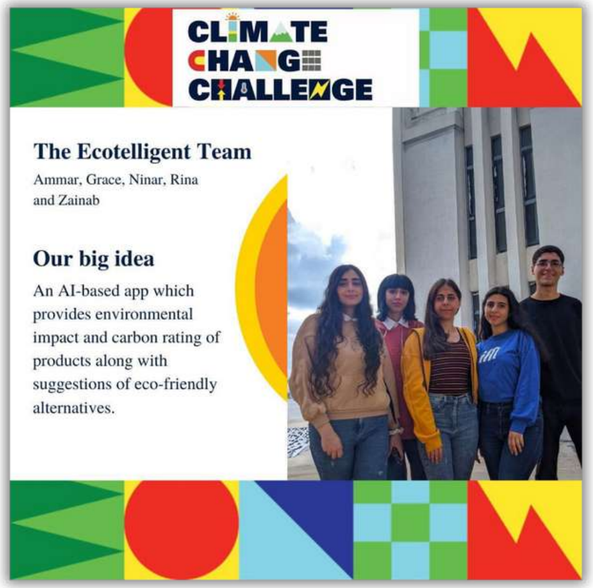


Mutsa Pearl Dumbura

Mutsa Pearl, from London, UK, has excelled in her A Levels, earning A*A*A*A grades in Maths, Further Maths, Economics, and Physics.

Mutsa Pearl was on the winning team for the Youth vs Covid hackathon and went on to represent Teens in AI as a speaker at both CogX and the ARM Summit.

She will now commence a degree apprenticeship at JP Morgan Chase & Co., showcasing her strong academic achievements and commitment to growth.



EcoTelligent

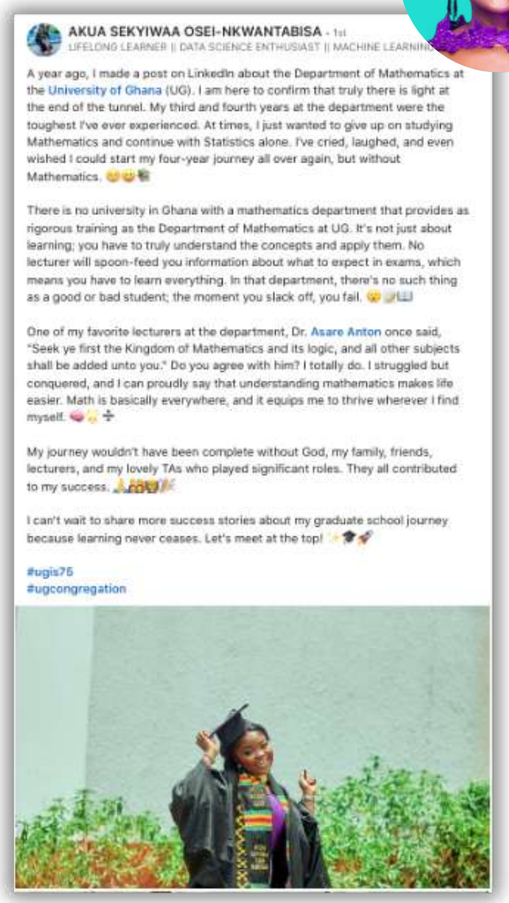
Ammar, Grace, Ninar, Rina, and Zainab showcased their AI-based app providing environmental impact and carbon ratings, plus eco-friendly alternatives.

They clinched a spot in the TOP 5, beating over 600 projects who participated in the **Climate Change Challenge**, and had the opportunity to present their project at COP28 in the UAE!

Where are they now?

Bayzhan Mukatay

Originally from Kazakhstan, Bayzhan is currently an Undergraduate Researcher at Rice University, Texas who developed a method using AI/ML to reduce a sample of estimated cancer copy-number mutation histories to a point-estimate phylogenetic tree with 99.67% accuracy. He was part of the winning team at the AI4Good Incubator in 2021 and went on to become a Local Ambassador for teens in Kazakhstan.
Bayzhan was also a Python course instructor for the 2023 AI4Good Incubator programme.



Akua Sekyiwaa Osei-Nkwantabisa

Akua, a distinguished alumna, has earned a combined major in Mathematics and Statistics from the University of Ghana. During her academic journey, she served as the President of the University of Ghana Actuarial and Statistics Society (UGASS). Currently, Akua contributes as a graduate teaching assistant at the University of Texas, showcasing her dedication to education.

Teens in AI

Sharing Our Mission

Conferences, workshops, and media

> The Teens in AI programme gives girls the opportunity to explore the field of AI and data science to see potential career paths, learn from industry experts and compete in an exciting hackathon. It is a vital initiative for inspiring the next generation and creating a more diverse pipeline of talent and I encourage girls to get involved.
>
> ~ Matt Warman MP, UK Digital Infrastructure Minister, His Majesty's Government

Where we have Contributed

Mobile World Congress | #4FYN Conference

Founder & CEO of Teens in AI, Elena Sinel, spoke at the MWC #4FYN Conference in Barcelona, where she delved into '**A Look into the Future of AI for Business**' alongside a distinguished panel of AI experts. The session, held on 1 March 2023 and attended by upwards of 88,500 attendees, explored the latest developments in AI evolution, its applications, and the ethical considerations surrounding its responsible use in the business landscape.

3rd Middle East Education Thought Leadership Forum

Elena Sinel graced the stage at the 3rd Middle East Education Thought Leadership Forum #METLF2023 in London! She contributed to the panel discussion on '**Creatively Closing the Gap**' with esteemed panellists Dr Aliar Hossain, Dr Maryam Sani, Rebecca Fayad and Mandy Sanghera.

11th World Innovation Summit for Education (WISE)

Elena Sinel was a speaker at the 11th WISE Summit in Doha. She delivered a captivating 45-minute workshop on 29 November titled '**The AI Maze: Finding the Ethical Exit**'. The session delved into ethical dilemmas, team activities, and discussions designed to empower teens in navigating the digital age responsibly. The summit boasted over 3,700 attendees.

Where we have Contributed

BBC Radio 5 | 5 Live Breakfast (UK)

Elena Sinel joined Rachel Burden and Chris Warburton on **BBC Radio 5 Live Breakfast** on April 27, 2023, to participate in a discussion with the hosts and 1.45 million listeners about the latest developments concerning Snap Inc. and its AI chatbot. Specifically, the conversation focused on the potential risks the chatbot poses to the safety of children.

CBC Kids News (Canada)

Elena Sinel joined Isabelle MacNeil to debunk the topic, '**What is artificial intelligence and how does it learn?**' targeting Canadian children through the YouTube channel, **CBC Kids News.** The episode has been viewed over 6500 times since being published. **Click here to view**

The Hive Podcast with Nathalie Nahai (UK)

'Elena Sinel and Nathalie Nahai dove into an in-depth conversation on '**The Darker Side of AI: Risk, Regulation & Responsibility**'.The podcast provided valuable insights into the challenges and opportunities presented by AI, and the importance of taking a thoughtful and proactive approach to its development and implementation. **Listen now**

Teens in AI

Industry Recognition

Awards and Acknowledgements

> Teens in AI’s work transcends the realm of AI and education. Elena Sinel’s comprehensive experience in international development, with a focus on poverty reduction and rural livelihood development, forms the foundation of Teens in AI’s innovative approach.
>
> ~ The Global Excellence Assembly Awards, New York City, USA (2023)

Bringing awareness to our Mission

Global Excellence Assembly

Teens in AI was awarded the **Excellence in Innovation Award** by the Global Excellence Assembly based in New York City. This remarkable recognition stands as a testament to our steadfast commitment to innovation and inclusivity, reinforcing our dedication to the transformative power of AI in shaping and improving lives.

CogX Awards

Teens in AI achieved a significant milestone by being shortlisted for the **Global Goals Impact Award - Start Up** by CogX. This recognition highlights our commitment to making a positive impact and contributing to the global goals through innovation and technology.

Institute for Collaborative Working (ICW) Awards

Teens in AI was shortlisted for the **Innovation Award** at the Institute of Collaborative Work (ICW) Awards! This recognition highlights our commitment to pushing the boundaries of innovation in artificial intelligence. Grateful for the acknowledgment and eager to showcase our impactful work.

Teens in AI

Setting the Benchmark

Editor's Note

Setting the benchmark

Editor's Notes

Bev Chislett
Head of Marketing

Having only joined Teens in AI in the Summer, I very much looked forward to analysing the data holistically, across all programmes. In reflecting upon our achievements in 2023, it is evident that we not only **expanded our reach but have also significantly deepened our impact**. The benchmarking against 2022 showcases remarkable progress and attests to our **commitment to fostering diversity, enhancing technical skills, and nurturing essential soft skills** among young talents in the field of AI.

With an astounding **164.71% increase in State school participation**, this has to be one of our standout achievements this year - one we worked very hard to achieve. This not only underlines our **dedication to inclusivity but also exemplifies our success in making AI education accessible to a broader spectrum of aspiring minds, especially those who would not normally have had access**.

Equally noteworthy is the strides made in promoting gender diversity within our programmes. In 2023, the percentage of **female and non-binary participation achieved a mission-aligned 60%**. We are moving steadfast in the right direction. And we are delighted by this result! **These figures emphasise our continued efforts to break gender barriers in the tech and AI landscape, creating a more equitable and inclusive environment for all.**

Our commitment to quality over quantity in 2023 is evident in our programme delivery. **At Teens in AI, we believe in providing a well-rounded education that combines both technical and soft skills to prepare our teens for the future.** Analysing the data and dynamics between these two skill sets in the pre- and post-programme self-assessments was enlightening.

Continue overleaf

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Setting the benchmark

Editor's Notes

Participants reported a **48.25% increase in their understanding and appreciation for the importance of AI Ethics**. AI Ethics to all those who know us is a **cornerstone of our Mission and Values**, so achieving such an impact is the very reason why we do what we do. Separately, we were delighted by the significant **74.47% increase in understanding and appreciation for Team Work**, illustrating the **emphasis we place on nurturing essential soft skills crucial for success not only in tech but in business (and life) generally**.

I**t is important to recognise that our focus on growth is not merely in the numbers but the strategic pursuit of meaningful engagement and lasting impact.** Teens in AI's comparative performance highlights a dedication to quality education, fostering a generation of AI enthusiasts equipped not only with technical skills but also with the collaborative and ethical foundation necessary for shaping the future of tech and AI.

The balance between educating based on what we know in the now and an industry that is constantly evolving, is critical. The creation of the 'AI Prompt Engineer' role is one example. According to the **World Economic Forum**, prompt engineering is the asking of the right questions to achieve the desired result, which is "critical for generating high quality outputs from large language [generative AI] models". Closer to home, the **UK Government's House of Lords Education for 11–16 Year Olds Committee** acknowledged the growing digital skills gap suggesting that the government should introduce new applied computing GCSE and digital literacy qualifications to school curricula. The future is already here; we need to keep up.

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

WORLD ECONOMIC FORUM **estimates 97m new jobs will emerge by 2025 to enable humans and machines to work together. It stated that:**

44% of workers' core skills are expected to change in the next five years

By 2025, AI and ML specialists will be the second most in-demand **Jobs**, second only to Data Scientists and Analysts

By 2027, Analytical Thinking, Creative Thinking, AI and Big Data will be top in-demand **Skills**

HOUSE OF LORDS

The Committee stated "only **14%** of pupils took the **specialised computer science GCSE** in 2023, potentially costing the UK economy up to £60 billion annually"

Teens in AI

A Retrospective on Impact
Upcoming Campaigns

> As technology becomes ever more ingrained in every aspect of our society, it is vital that we are providing young people with the tools they need to both contribute to it, and hold it accountable. The Girls in AI hackathon is providing young women and those from underrepresented backgrounds across the world with the opportunity to learn more about the possibilities that the world of AI offers, helping to ensure that the future of AI is diverse, ethical, and full of creative solutions.

unicef

Our Impact in Numbers

Cross-programme 2021-2023

Teens in AI

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

12,000+
Teen Participants

60%
Girls & Non-Binary

62%
State schooled

78%
Diverse ethnic backgrounds

1m
Engagement

678
Guest Speakers

1,619
Mentors

45
Countries

252
Cities

2.1m
Reach

380
Expert Judges

5,774
Average Mentor hours

238
Local Ambassadors

628
UN Sustainable Development Goal Projects

12
Award Wins

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#IWD GLOBAL TECHATHON 2024

Teens in AI

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!

2024 programme highlights:

Inspiration Week: 12-16 February (coordinating with International Day of Women and Girls in Science on 11 February)
Bootcamp Week: 19-23 February
Techathon Weekends: 8-17 March (coordinating with International Women's Day on 8 March)
IWD Demo Day Final: 25 April (coordinating with International Girls in ICT Day on 25 April)

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

Join us!

Key Events

Inspiration Week

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

Bootcamp Week

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

Global Techathon Weekends

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

Virtual Panel

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

Global Demo Day

The final judging round of the IWD Techathon.

AI4GOOD INCUBATOR 2024

Teens in AI

The AI4Good 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.

⚥ All genders are welcome to participate!

2024 programme dates:

Summer 2024

What teens can expect

Over the 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
- A 'day in the life' of an entrepreneur
- How to pitch a project in front of a judge panel

Join us!

Teens in AI

Join us to empower the next generation of responsible AI leaders and creators.

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Teens in AI

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