




UNECE Civil Society Forum

Workshop Emerging
Technologies

Harnessing AI for good

19.10.2024 [15.45-17.15]



Working Group #1 - Quality Education & Training



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Objective

- ❑ Develop a toolkit: Equip participants with practical insights and actionable points to leverage AI as improving tool for Beijing 12 critical areas and SDGs, within their respective mandates.

Workshop approach

- ❑ Participants reflect on key takeaways and develop actionable points for leveraging AI to advance Beijing 12 critical areas and SDG's within their respective mandates
- ❑ Utilize an AI based tool to facilitate brainstorming and collaboration on innovative ways to leverage AI for improving Beijing 12 critical areas.

Action 1: Identify Working Point

10m

- Working group #1 - Quality education & Training

Identify Working Point options & select ONE to progress

Misinformation

Biased datasets

Men and women are not the same

Recruitment

Will people in all parts of the world be able to benefit equally?
Infrastructure/Access to Digital

How do we represent the full gender spectrum

Awareness
People need to know about the problem

Select **1** Working Point

Additional Options suggested by Generative AI

- Personalized Learning Journeys ✓
- Intelligent Tutoring Systems*
- **Breaking Barriers to Access**
- AI-powered Assessment for Learning
- Developing 21st Century Skills
- **Empowering Educators**

(*GenAI generated answer, working group did not agree and suggested it was removed)

Action 1: Identify Working Point

- **Generative AI: Prompts to load into Gemini**

[LINK to Gemini](#)



[LINK to prompts](#)

Prompt 0: Start session:

Gemini, we are participating in a UNECE workshop focused on reviewing the Beijing Declaration and Platform for Action. This workshop aims to address the impact of AI on women's rights and equality, specifically in the areas of quality education, health, cybersecurity and gender equality in AI. Our objective is to identify key challenges, brainstorm solutions, and define measurable KPIs to track progress. We will be working in groups focusing on 1 of the key topics. Please keep this context in mind throughout our session and tailor your responses accordingly.

Prompt 1B: Working Group #1 - Quality Education & Training

Gemini, envision a world where AI transforms education, making it more accessible, personalized, and effective for all learners, regardless of gender, background and circumstances.

To help us realize this vision, suggest 6 inspiring working points that focus on how AI can enhance the quality of education.

For each working point:

- Provide a one sentence description.

Describe the potential positive impact of addressing this working point in one sentence.

Gemini, can you also bullet point the 6 working points at the end for easy copy & paste.

OUTPUT: Copy the 10 working points into the slide for further discussion

Action 2: What would be a viable **solution** for this working point ?

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10m

What AI solutions would allow us to achieve the working point

Solution 1


AI looks at how you have been performing so far and recommends potential next steps for you to look at

Solution 2

Help with setting objectives for the learning journey, helping with constructing the learning path, intake conversation

Solution 3

Different people have different learning styles:
Person A learns better from case studies
Person B needs to know the theory
Person C needs a mentor



Additional Options suggested by Generative AI

1. AI-powered Learning Platforms
2. AI-Facilitated Mentorship Programs
3. AI-Driven Career Counseling*

(*GenAI generated answer, working group did not agree and suggested it was removed)

Select the most relevant solution

Action 2: What would be a viable **solution** for this working point ?

- **Generative AI: Prompts to load into Gemini**

Prompt 2:

Gemini, we've identified the following working point: **Personalized Learning Journeys**.

Can you provide 3 potential solutions that could address this working point effectively and help us meet these KPIs? Please be specific and consider the context of the UNECE workshop on AI's impact on women's rights and equality, with a focus on either quality education or gender equality in AI.

For every solution, provide a brief description in less than 30 words each

OUTPUT: Copy the 3 solutions into the slide for further discussion

Action 3: What are the potential AI challenges & risks ?

7m

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Based on SOLUTION 3 (identified in purple) Identify potential AI challenges & risks

Additional Options suggested by Google Gemini (GenAI)

Solution 3

Different people have different learning styles:
Person A learns better from case studies
Person B needs to know the theory
Person C needs a mentor

How can personal data be protected?

Lose the ability for critical thinking because it is too "easy" to have questions answered cfr 1

Losing some of the human factor of innovation. People will get the same answer given the same problem.

How can we still foster critical thinking in next generations?

Confirmation bias instead of challenging own biases

Following wrong guidance and hard to be critical of the tool

How do we educate people that do not wish to be educated? Doctors, ...

Chosen Solution:

Different people have different learning styles:

- Person A learns better from case studies
- Person B needs to know the theory
- Person C needs a mentor

Action 3: What are the potential AI challenges & risks ?

- **Generative AI: Prompts to load into Gemini**

Prompt 3:

Gemini, we are considering the following solution to address our working point: [\[AI-powered Learning Platforms\]](#)

Now, help us analyze this solution critically. What potential challenges and risks could arise during the implementation of this solution? Consider factors such as:

- **Feasibility:** Are there any logistical, technological, or resource-based limitations that might hinder the implementation?
- **Scalability:** Can this solution be effectively scaled to reach a wider audience or be implemented in different contexts?
- **Sustainability:** Is this solution sustainable in the long term? What resources are required to maintain it over time?
- **Ethical considerations:** Are there any ethical implications or potential biases associated with this solution?
- **Unintended consequences:** Could this solution inadvertently create new problems or exacerbate existing inequalities?
- **Stakeholder resistance:** Could there be resistance to this solution from certain groups or stakeholders? If so, why?

Please provide a detailed analysis of 10 potential challenges and risks, keeping in mind the context of the UNECE workshop on AI's impact on women and girls, specifically in the areas of quality education and gender equality in AI.

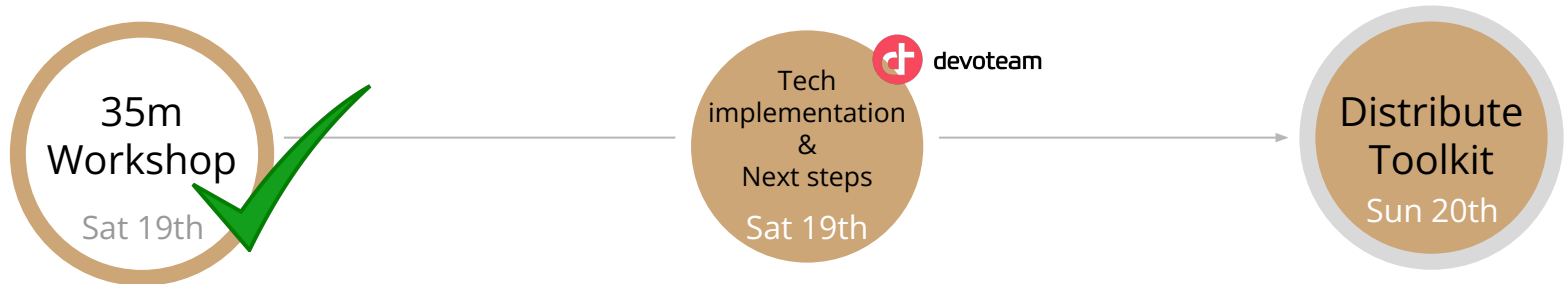
OUTPUT: Copy the 10 Risks & challenges into the slide for further discussion

Conclude

1. Have we missed anything ?

- Highlight any areas for further consideration

2. What happens next ?





Thank you!