CAMERA

Coordination and support Action for Mobility in Europe: Research and Assessment

Why AI still needs humans in the loop

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What is AI?

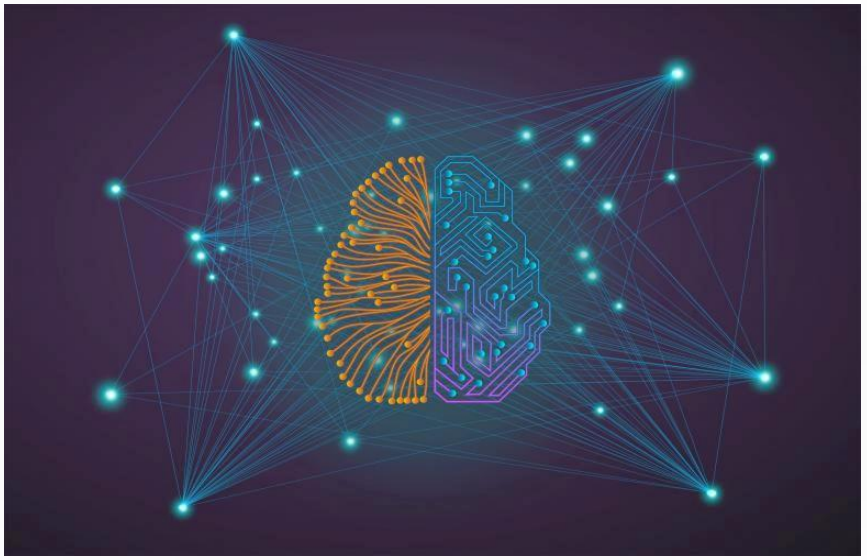
In 1950 Alan Turing was already asking himself:

“Can machines think?”

In 1956 John McCarthy defined

“AI as the science and engineering of making intelligent machines”

- Any system capable of simulating human intelligence and thought processes is said to have “Artificial Intelligence” (AI).
- AI takes many forms, like machine learning, computer vision, natural language processing, robotics, etc.



Why does AI need humans?

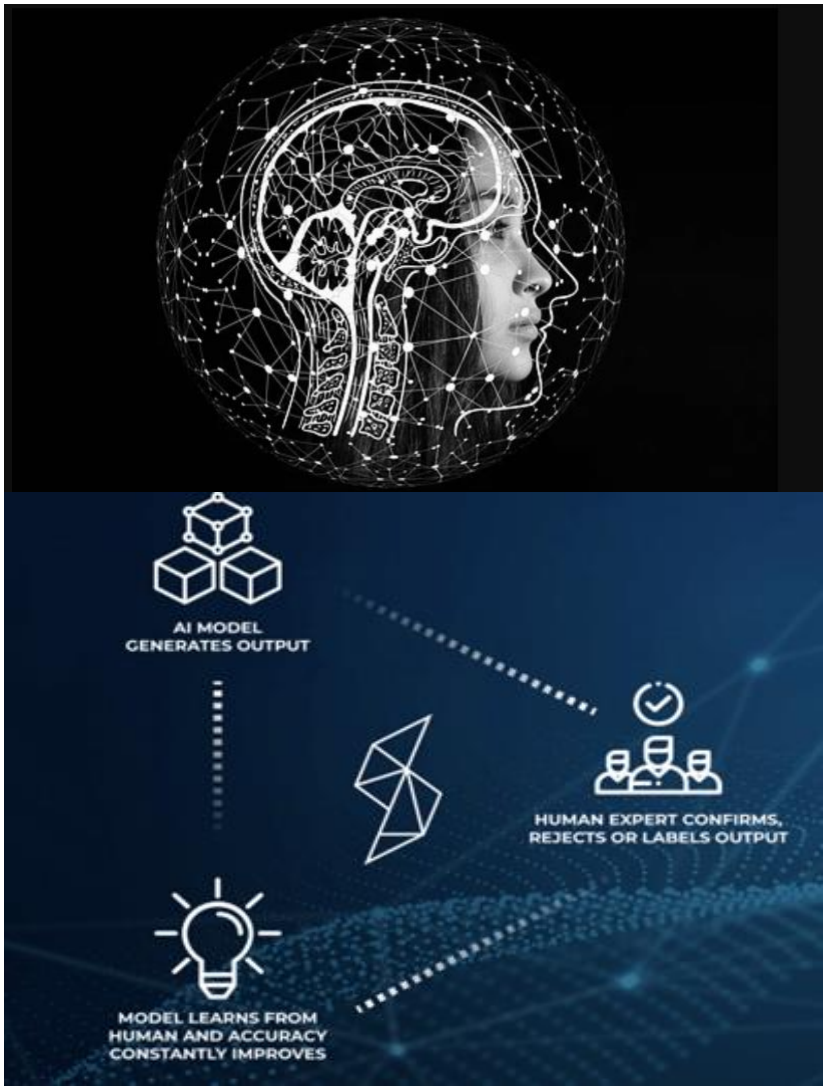
But with such advanced technology, why does AI still need humans?

AI is capable of doing many things that human beings simply cannot but it still needs humans to learn, stay relevant, and fall back on when needed.

AI has always stood on the shoulders of human intelligence.
As long as AI technology is used for humans AI will need human input.

Why do we use it?

- AI can achieve higher quality outcomes faster than humanly possible.
- AI is most often used to recognize patterns, make predictions, and provide insights previously out of reach due to the sheer amount of available data.
- AI is able to learn from examples as opposed to being explicitly programmed to execute specific instructions.



What are we going to do today?

Today you will be the humans in CAMERA's loop!

In particular, you will be asked to carry out a:

- **Relevance assessment**: how relevant do you think the selected projects are for the KPA assigned to you?
- **Check of the identified KPIs** and **suggestion of new ones**

How does the exercise work?

- You will be divided into five groups
- Each group will have its own breakout room, as well as a Miro board and the support of a moderator and a facilitator
- Each group will work on a specific Key Performance Area among these: Flexibility, Predictability, Digitalisation and information, Environment, Safety

Those of you that confirmed their presence at the table will be part of

the **Mini Panel**,

while the others will act as the **Audience**

How does the exercise work? Panelists

Panelists will be involved in the following tasks:

Individual work

- Go through the selected projects' abstracts and comment on them
- Rate the projects for their relevance to the KPA

- Have a look at the results coming from the algorithm and their visualization on the dashboards and compare them with the panel results

- Go through the identified KPIs and comment on them
- Propose new KPIs that you feel are missing

Interactive work

- Give votes/likes to the indicators proposed by the other panelists
- Openly discuss and provide comments on the KPA and/or the KPIs

- Witness the creation by the moderator of the pitch output that includes the table results and will be handed over to the workshop chair for the final wrap-up session

How does the exercise work? Audience

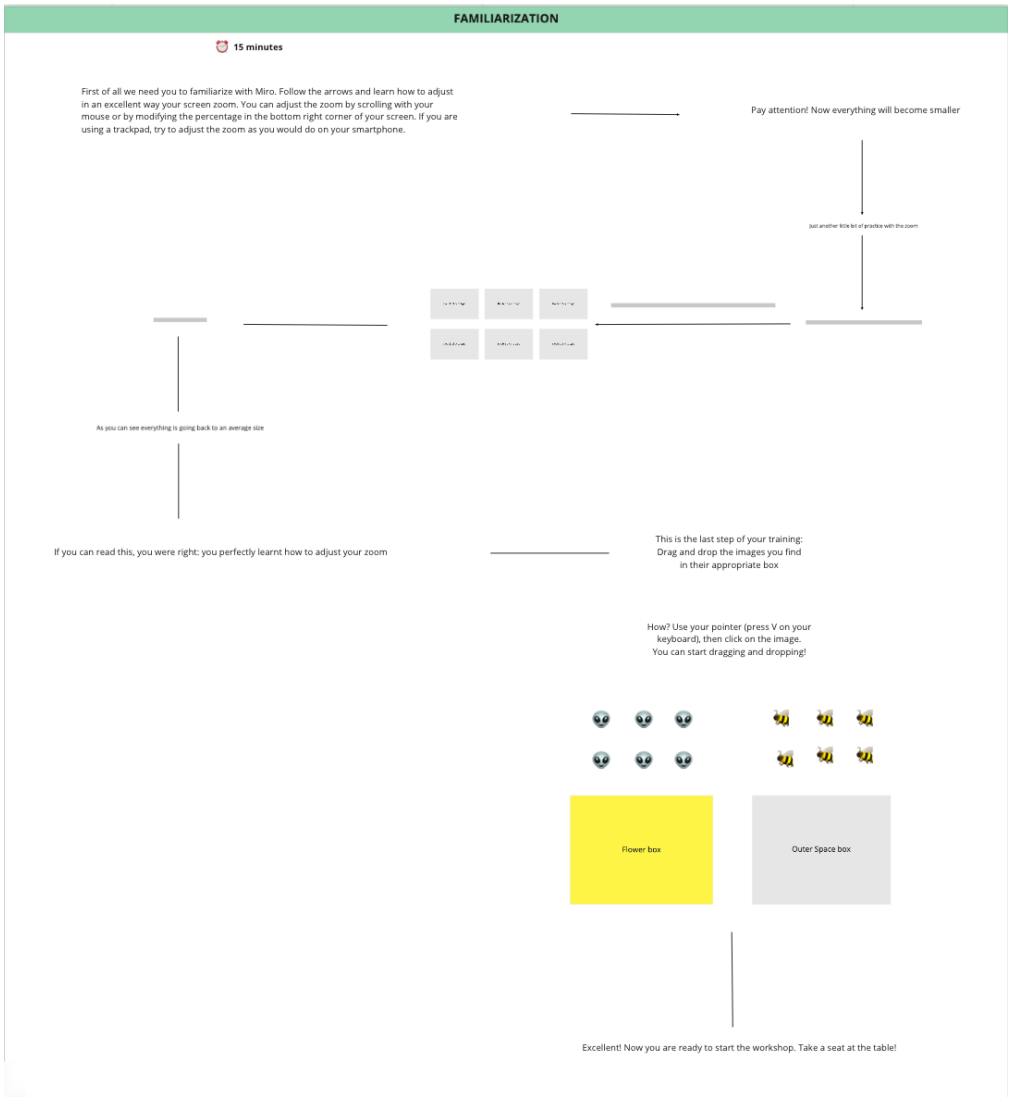
The audience will be involved in the following tasks:

- Rate the projects for their relevance to the KPA

- Vote/like the new indicators suggested by the panelists

- Take part in the open discussion
- Raise questions during the entire session and propose verbally new indicators

Let’s get prepared!



Breakout rooms

- Now those of you that sent the confirmation form will be automatically transferred to the breakout room.
- If the others are interested in taking part in the interactive session as audience, please write in the chat and we will assign you to one of the breakout rooms!

- Once in the breakout room you will receive the link to a Miro Board!

VERY IMPORTANT: remember to leave the breakout room open when you enter the board otherwise you will not have the possibility to interact with the facilitator and/or the moderator!

At the end of the session, you will be automatically brought back to the plenary.

And before starting…..
Remember that:

"Computers are our mirrors: whether we marvel or shudder at the latest AI, we're merely looking at ourselves" Alan Turing