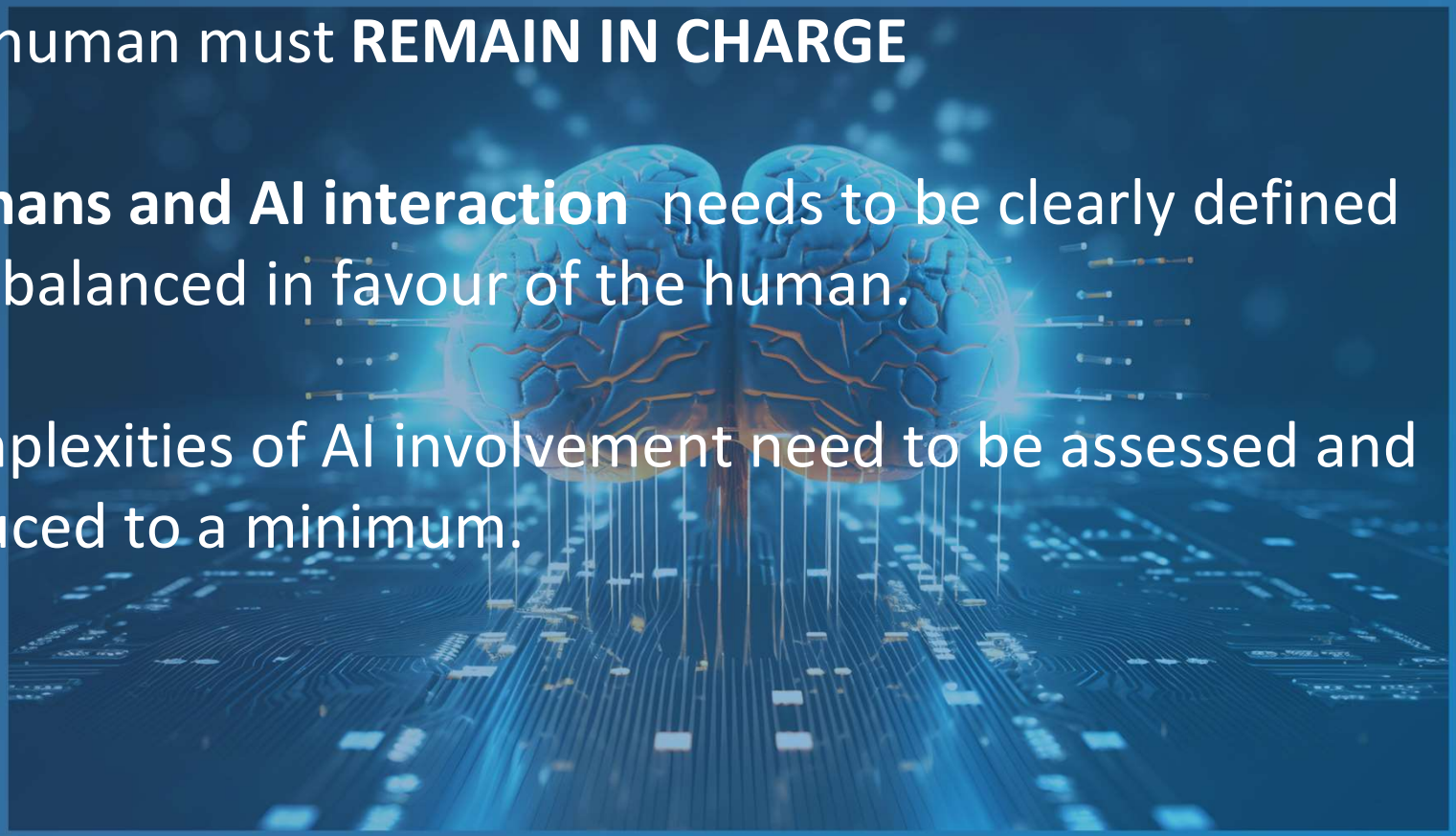
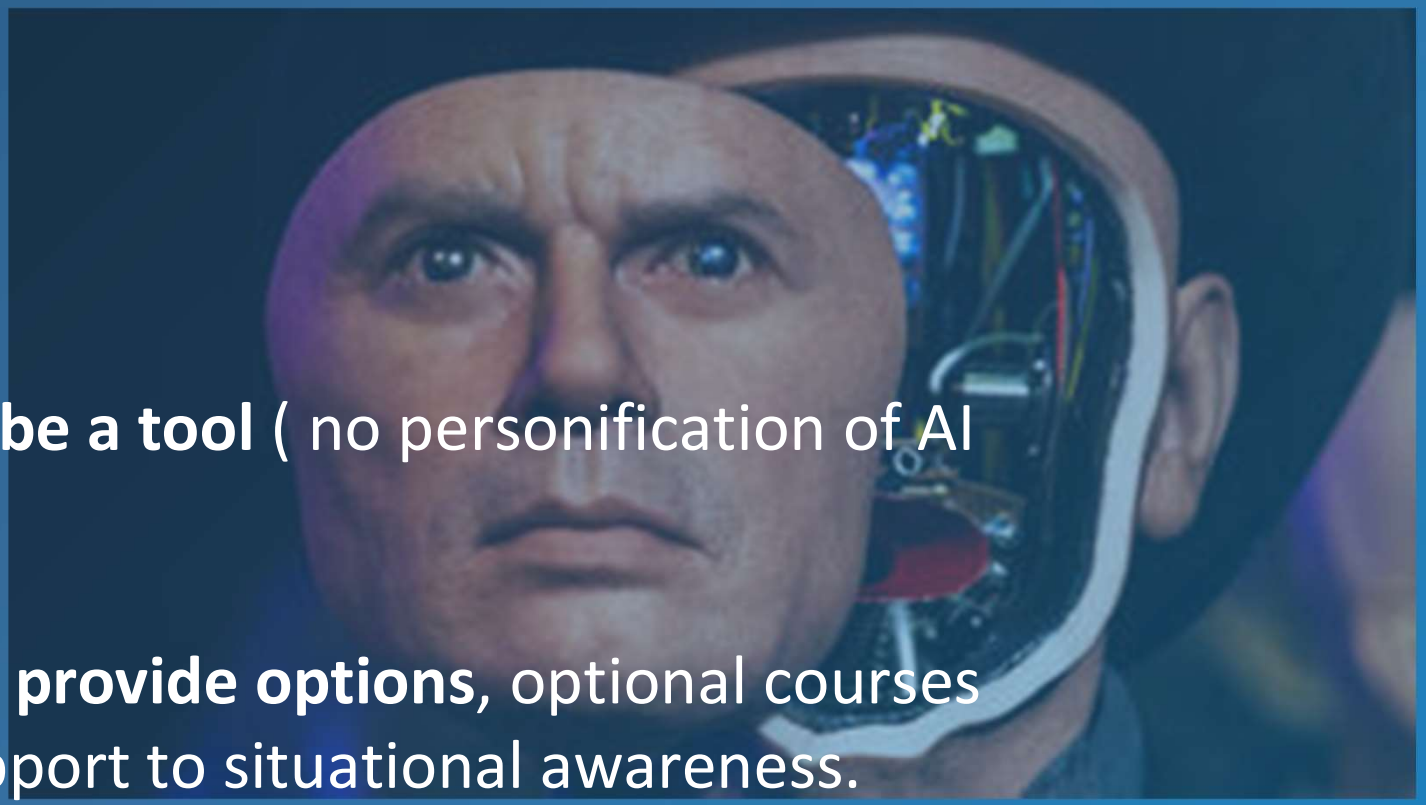
ECA

European Cockpit Association

AI & Socio-economic challenges for the aviation industry

- **AI** must **IMPROVE current safety levels**
- the human must **REMAIN IN CHARGE**
- **Humans and AI interaction** needs to be clearly defined and balanced in favour of the human.
- Complexities of AI involvement need to be assessed and reduced to a minimum.



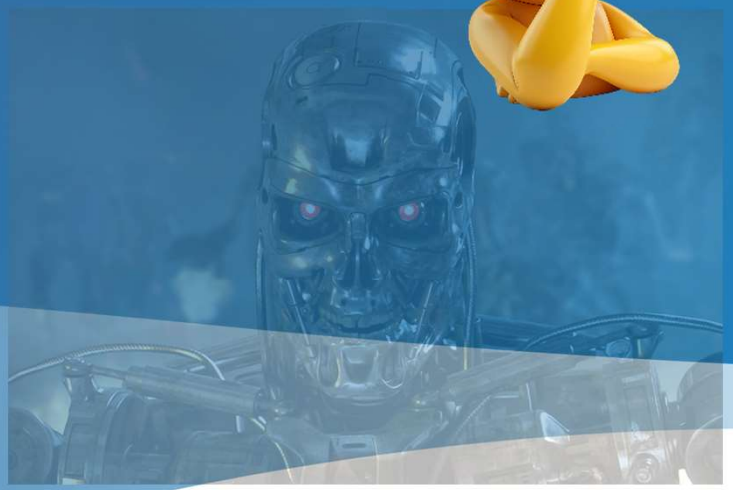


- **AI can only ever be a tool** (no personification of AI entities…)
- As a tool, **AI may provide options**, optional courses of action and support to situational awareness.
- These options need to be **understandable and relatable for the human** in order to decide on a course of action.

- As with automation, **AI will require more training** and possibly a different approach to initial and recurrent training.

- **The human must remain in charge of all safety relevant decisions and override functions must be in place**.

… And finally, …. we will need to provide PURPOSE and VALUE for the human in the system!

AI is a bit like accountants…

…very useful for specific tasks, but you wouldn't want them to run your airline!