

Fairness in the AI Act proposal

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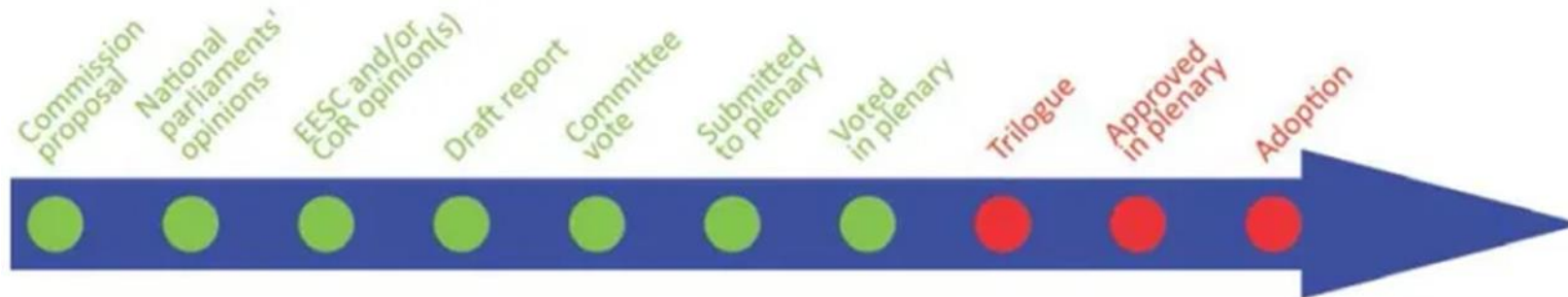


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Where are we at with the AI Act?

- 14 June 2023 – European Parliament adopted its negotiating position with 499 votes in favour, 28 against, and 93 abstentions.
- The Spanish Presidency aims to reach a deal by November with three trilogue meetings, but two have also been planned as a backup (POLITICO, Jun 2023).
- End 2023 / Beginning 2024 – Final text?



Source: European Parliamentary Research Service

Fairness in the AI Act

The word fairness is surprisingly absent from the original proposal of the AI Act (although concepts like (non)-discrimination and equality appear several time). However, after the institutional interaction, is clear that fairness has become one of the key aspects of the AI Act.

Fairness as
a principle

Fairness in
contractual
terms

Fairness in
procedures

Fair access
to regulatory
sandboxes

Fairness as a principle (I)

Recital 9 AI Act European Parliament (*negotiating position text*)

*“It is important to note that **AI systems should** make best efforts to **respect general principles** establishing a high-level framework that **promotes a coherent human-centric approach to ethical and trustworthy AI in line with the Charter of Fundamental Rights of the European Union and the values** on which the Union is founded, including the protection of fundamental rights, human agency and oversight, technical robustness and safety, privacy and data governance, transparency, nondiscrimination and **fairness** and societal and environmental wellbeing.”*



Fairness as a principle (II)

Article 4 a AI Act European Parliament (***negotiating position text***)

General principles applicable to all AI systems

e) *'diversity, non-discrimination and **fairness**' means that AI systems shall be developed and used in a way that includes diverse actors and promotes equal access, gender equality and cultural diversity, while **avoiding** discriminatory impacts and **unfair biases** that are **prohibited by Union or national law***



When to implement fairness?

Fairness by **design** throughout the AI lifecycle:

Training datasets
(algorithmic bias)

Accuracy (false
positives/negatives)

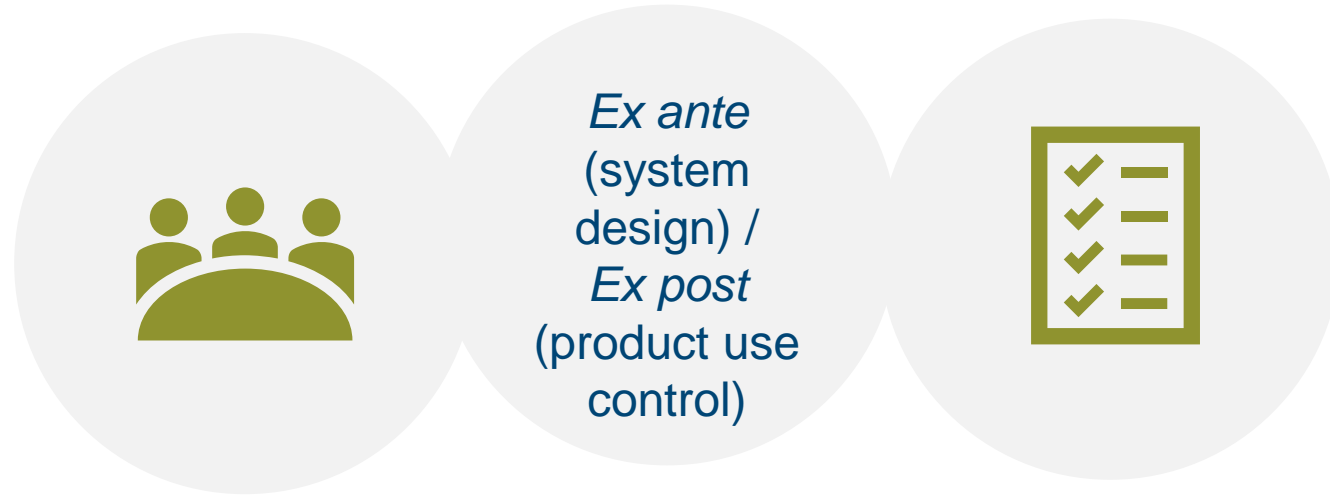
Feedback loops



Fair **use** of AI systems

Not to discriminate or oppress vulnerable people and minorities

How to implement fairness?



Stakeholder/public participation
(Impact assessments)

Quality Standards

Questions for the debate

- Is unfairness of AI a specific type of risk? Could enlarge the high risk categories?
- What are the differences between fairness, equality, and non-discrimination?
- How do we practically operationalize fairness for AI systems?
- Is it possible to achieve fair AI systems when those systems operate within an unfair world?
- What tools and enforcement mechanisms should the AI Act incorporate to ensure fairness within AI systems?
- What notion of fairness should be predominant when dealing with AI systems: ethical, mathematical, legal...?
- What are the main current obstacles to achieving fairness within AI systems?
- What solutions have AI providers put in place to ensure fairness within their AI products and services?



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The Panelists

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Thank you!



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