



Another ingredient for good AI praxis

AI4EU workshop

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Final goal: helping to achieve high quality AI praxis in use cases

Integrated action scenarios for humans and machine

In conformity with how/whose actual behavior is defined on this ethical atelier

Spanning the AI system's life cycle (iterations back & forth)

Substantive and procedural quality standards for good practice

Status quo

A level of consensus on the AI ethical principles

A package of generic assessment tools

An EU proposal for an AI Act

From “what” to “how” vis-à-vis AI industry (Morley e.a. 2020)

Emergent multiplicity of use cases

Turning to actual beneficial use



Learning from the law's road: from general principles/duties to actual impact

We have general ethical principles/values as architectural guidance

We (can) have good AI (EU certification of AI Act)

We need well informed implementation (you can only blend with what you know)

ELSEC approach = holistic

Erasmus

Empirics and Ethics

Building on contextualization pleas (Cowls e.a. 2019)

Close the gaps and meet the needs (Digital Health Europe 2021 Round Tables)

Cross fertilization with well advanced subfields of ethics
bio/healthcare ethics, business ethics ...

Actors & the dynamics in/of their ecosystem

Socio/legal/ethical/techno/psycho/cultural/economic dimensions

The “is – ought” question (Kon 2009)

For example (adapted from: Susser & Grimaldi 2021)

Ethical value	Challenge in use case x	Research dimensions & methodology
Human agency & oversight		
Technical robustness & safety		
Privacy & data governance		
Transparency	Subjects are not fully informed on all the steps in the system	<ul style="list-style-type: none"> - What is the information need for this subject in this relation? Empirical, ethical - To what extent stipulates law/regulation the information duty in this case? Legal doctrinal - How do users frame the information? Cultural - What type of information satisfies subjects' need better? Empirical - Etc.
Diversity, non-discrimination & fairness		
Societal & environmental well-being		
accountability		

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Iterations back & forth

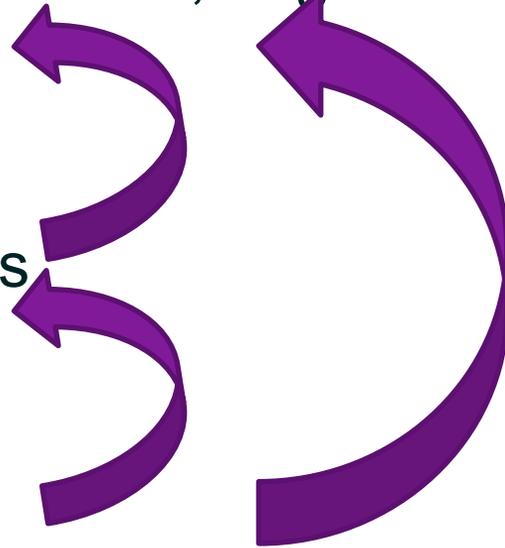
(Non) users, perceptions and preferences; negative outcomes



Process re-design and requirements



Model adaption/recalibration



Accountability for this?



Thank you for your
attention

Questions/
comments?