

Analytical and organisational tools developed under the CoE cooperation to strengthen national application of ECHR Selected aspects of TJENI project

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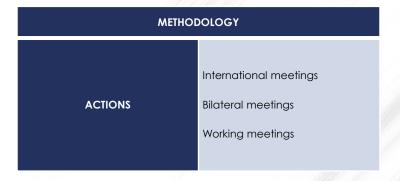
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Outline

- Introduction
- Layers
- Interactions
- Mechanism
- Evaluation

Introduction

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PILLARS			
STARTING POINTS	Personal data protection requirements Anonymisation Categorisation Case-management Publication and case-law data bases Consistency of judicial decisions		



Introduction











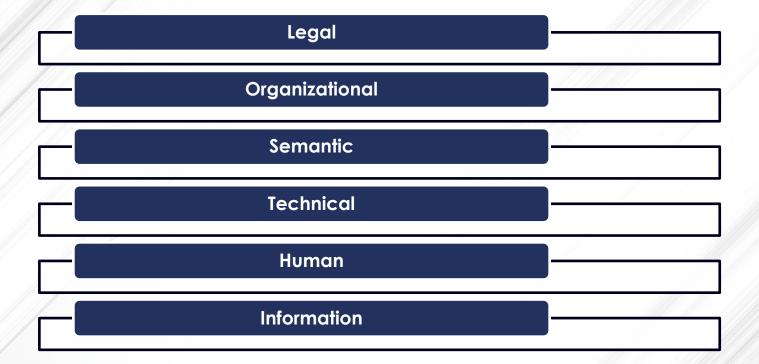






https://orzeczenia.ms.gov.pl/

Layers



Interactions



Mechanism (if e.g. AI)



Strategic challenges:

Process quality assurance (infrastructure policy; infrastructure standardization; ...)

Data quality assurance (data policy; data evaluation; data management; ...)

(...)



Operational challenges:

Shared autonomy in decision or action

Optimization

Classification

(...



Executive challenges:

Learning approach (e.g. supervised, zero-shot)

Hybrid AI / human in the loop

Autonomous / Semiautonomous solutions (various platforms, various learning approaches, level of autonomy)

(...)

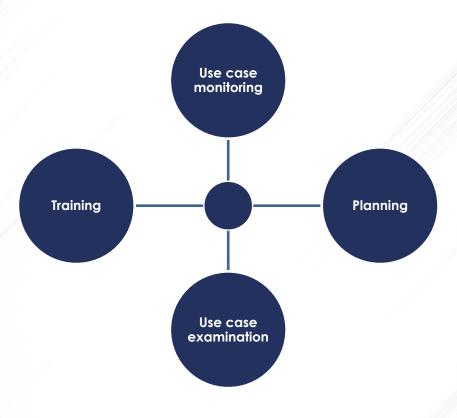
Mechanism (if e.g. Al)

TECHNOLOGY READINESS LEVEL (TRL)		
DEPLOYMENT	9	ACTUAL SYSTEM PROVEN IN OPERATIONAL ENVIRONMENT
	8	SYSTEM COMPLETE AND QUALIFIED
	7	System prototype Demonstration in Operational environment
DEVELOPMENT	6	TECHNOLOGY DEMONSTRATED IN RELEVANT ENVIRONMENT
	5	TECHNOLOGY VALIDATED IN RELEVANT ENVIRONMENT
	4	TECHNOLOGY VALIDATED IN LAB
RESEARCH	3	EXPERIMENTAL PROOF OF CONCEPT
	2	TECHNOLOGY CONCEPT FORMULATED
	1	BASIC PRINCIPLES OBSERVED

Mechanism (if e.g. AI)

Effective employment of standardization **Training** Use case examination **Feedback Demonstration / Trials Test**

Evaluation



Remarks

Actions (selected):

• European Commission: <u>Sectorial AI Testing and Experimentation Facilities</u> (project starts in 2023 for 5 years)

References (selected):

- Council of Europe: AD HOC COMMITTEE ON ARTIFICIAL INTELLIGENCE (CAHAI):
 - Possible elements of a legal framework on artificial intelligence, based on the Council of Europe's standards on human rights, democracy and the rule of law (CAHAI(2021)09rev)
 - Human Rights, Democracy and Rule of Law Impact Assessment of AI systems (CAHAI-PDG(2021)05)

Thank you for attention