

INTRODUCTION TO TECHNOLOGY AS A TOOL FOR VICTIM'S SUPPORT

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The Evolution of Generative AI

- ▶ From Rule-Based Systems to Adaptive Intelligence – Generative AI has evolved from basic rule-based automation to self-learning systems capable of generating human-like responses and content.
- ▶ Key Milestones in Generative AI Development:
 - ▶ Early Machine Learning (Pre-2010s) – AI systems relied on structured data and pre-defined rules.
 - ▶ Deep Learning & Neural Networks (2010-2020) – Advances in deep learning enabled AI to analyze vast amounts of data and generate more nuanced responses.
 - ▶ Transformers & Large Language Models (2020-Present) – The introduction of models like GPT and BERT revolutionized AI by enabling contextual understanding, creativity, and dynamic interactions.
- ▶ Impact on AI Applications – The advancements in generative AI have led to:
 - ▶ Greater contextual awareness, allowing AI to generate more accurate and coherent responses.
 - ▶ Enhanced adaptability, enabling AI to refine its outputs based on user interactions and feedback.
 - ▶ Improved efficiency in content generation, reducing the time needed for research, drafting, and analysis across multiple fields, including law.

From AI Generation to AI Tutoring

- ▶ Beyond Content Creation: AI as an Intelligent Tutor – Generative AI has evolved from merely generating text, images, and speech to actively engaging in personalized tutoring and interactive learning experiences.
- ▶ Introduction to AI Avatars as Tutors – AI avatars are no longer just digital assistants; they now serve as intelligent tutors capable of:
 - ▶ Adapting to individual learning styles.
 - ▶ Providing contextual memory for ongoing conversations.
 - ▶ Delivering real-time feedback and personalized guidance.
- ▶ Key Characteristics of Effective AI Tutors:
- ▶ Adaptability – AI tutors dynamically adjust explanations based on user knowledge levels and learning speed.
- ▶ Contextual Memory – Retaining past interactions to provide continuity and a tailored learning journey.
- ▶ Instant Feedback – Offering immediate responses, corrections, and suggestions to enhance comprehension.

Why AI Tutoring Matters in the Legal Field

- ▶ The Complexity of Legal Training – The legal field is constantly evolving, requiring judges, lawyers, and law students to stay up to date with new laws, case precedents, and judicial interpretations. Traditional learning methods struggle to keep pace with these rapid changes.
- ▶ Challenges in Traditional Legal Education:
 - ▶ Limited access to expert mentors – Not all professionals have direct guidance from experienced legal experts.
 - ▶ High cost and time constraints – Formal legal training is expensive and time-intensive, making continuous learning a challenge.
 - ▶ Information overload – With vast legal databases and complex regulations, finding the right precedent or legal argument requires extensive research.
- ▶ How AI Tutoring can help solving these challenges:
 - ▶ Personalized Learning Paths – AI avatars assess the user's expertise and adapt lessons accordingly.
 - ▶ Real-Time Legal Assistance – AI tutors provide instant explanations, summarize legal texts, and suggest relevant case laws.
 - ▶ Simulated Legal Training – AI enables interactive case studies and courtroom simulations for practical learning experiences.

AI in Tutoring by Leading Institutions & Organizations

- ▶ The EJTN (European Judicial Training Network), which oversees judicial training across Europe, is piloting AI-assisted platforms to provide case law analysis, automated legal reasoning exercises, and ethics training for judges and prosecutors. AI-powered simulations help trainees refine their legal decision-making in complex cases.
- ▶ IBM Watson – AI for Corporate & Healthcare TrainingIBM Watson's AI-powered tutoring solutions are widely used in corporate training and healthcare education. These AI tutors help professionals analyze data, simulate real-world scenarios, and improve decision-making through adaptive learning models.
- ▶ Google DeepMind – AI for STEM Education & ResearchGoogle's DeepMind has been developing AI tutors that assist in math, coding, and scientific research, offering real-time feedback and adapting difficulty levels to challenge learners. Their AI tutors are designed to enhance critical thinking and problem-solving skills in students and professionals.

Casetext CoCounsel

AI Tutor for Legal Research & Writing

- ▶ Casetext CoCounsel is an AI-powered legal assistant built on GPT-4 that supports lawyers and law students in legal research, document drafting, and case analysis. Acting as a virtual tutor, it provides real-time explanations of complex legal concepts and helps refine legal writing with AI-driven insights.

Lexis+ AI

Legal Education & Analysis

- ▶ Advanced AI Tutoring for Law Students & Young Lawyers – Lexis+ AI is an innovative platform designed to provide interactive legal tutoring, helping students and young professionals deepen their understanding of complex legal topics.

Harvard Law School's AI Tutor

Virtual Training for Law Students

- ▶ AI-Driven Legal Training – Harvard Law School is pioneering an AI-powered tutor that enables law students to practice real-world case simulations. The system guides students through drafting legal briefs and refining their courtroom arguments.

► The new EU plans for 2025-2028

- (1) Assist users through chatbots conversational assistants (chatbots, including AI-powered ones), facilitating citizens' access to judicial information
- (2) Support access to IT material means for users
- (3) Ensure equal access to digital justice services across the EU
- (4) Train justice professionals using blended solutions with the integration of AI-and-VR based solutions
- (5) Activities to enhance users' skills to improve access to justice by digital means
- (6) Training to enhance users' skills in order to improve access to justice by digital means



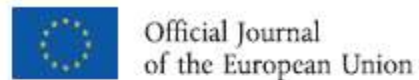
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OUTCOME OF PROCEEDINGS

From:	General Secretariat of the Council
To:	Delegations
No. prev. doc.:	16593/24
Subject:	Council Conclusions on the use of Artificial Intelligence in the field of justice



C/2025/437

European e-Justice Strategy 2024-2028

(C/2025/437)

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16.1.2025

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The **ViSAR Project** - *Victim Support through Alignment of Remedies* focuses on the application of EU law in relation to the rights of victims of crime, with a special focus on domestic violence. This fits in with the priorities outlined in the EU Strategy on Victims' Rights (2020-2025) and involves the interaction between different European and international legislation:

- Basic Principles on the Use of Restorative Justice (UN, 2000-2002).
- Directive 2004/80/EC - Cooperation to facilitate crime victims' access to compensation in cross-border situations.
- Directive 2011/99/EU - European Protection Order to ensure continuity of  section for victims transferred to other Member States.
- Istanbul Convention (2011) - Prevention of and fight against violence against women and domestic violence.
- Directive 2012/29/EU - Minimum standards on the rights, support and protection of victims of crime.
- Regulation (EU) 606/2013 - Mutual recognition of protection measures in civil matters between Member States.
- Council of Europe Recommendation 2018 - Restorative justice.
- Directive (EU) 2024/1385 - Combating violence against women and domestic violence (to be transposed by 2027).

The Training Modules



Module 1

Basic principles of
restorative justice
(UN, 2000-2002)



Module 2

Directive 2011/99/EU
European Protection
Order



Module 3

Istanbul Convention
(2011)



Module 4

Directive 2012/29/EU
Minimum standards on
victims' rights



Module 5

Recommendation
CM/Rec(2018)8 Restorative
justice



Module 6

Directive (EU) 2024/1385
Violence against women

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A 6-Step Learning Journey



Step 1: Entry Test
– A quick assessment to evaluate your initial knowledge before starting.



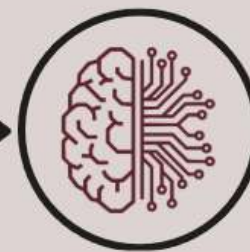
Step 2: Video Lessons – Expert-led sessions diving deep into technical sub-topics



Step 3: Training material – Downloadable resources covering the main aspects and essential data.



Step 4: Interactive Simulation – Apply your skills to real-life case studies and operational scenarios.

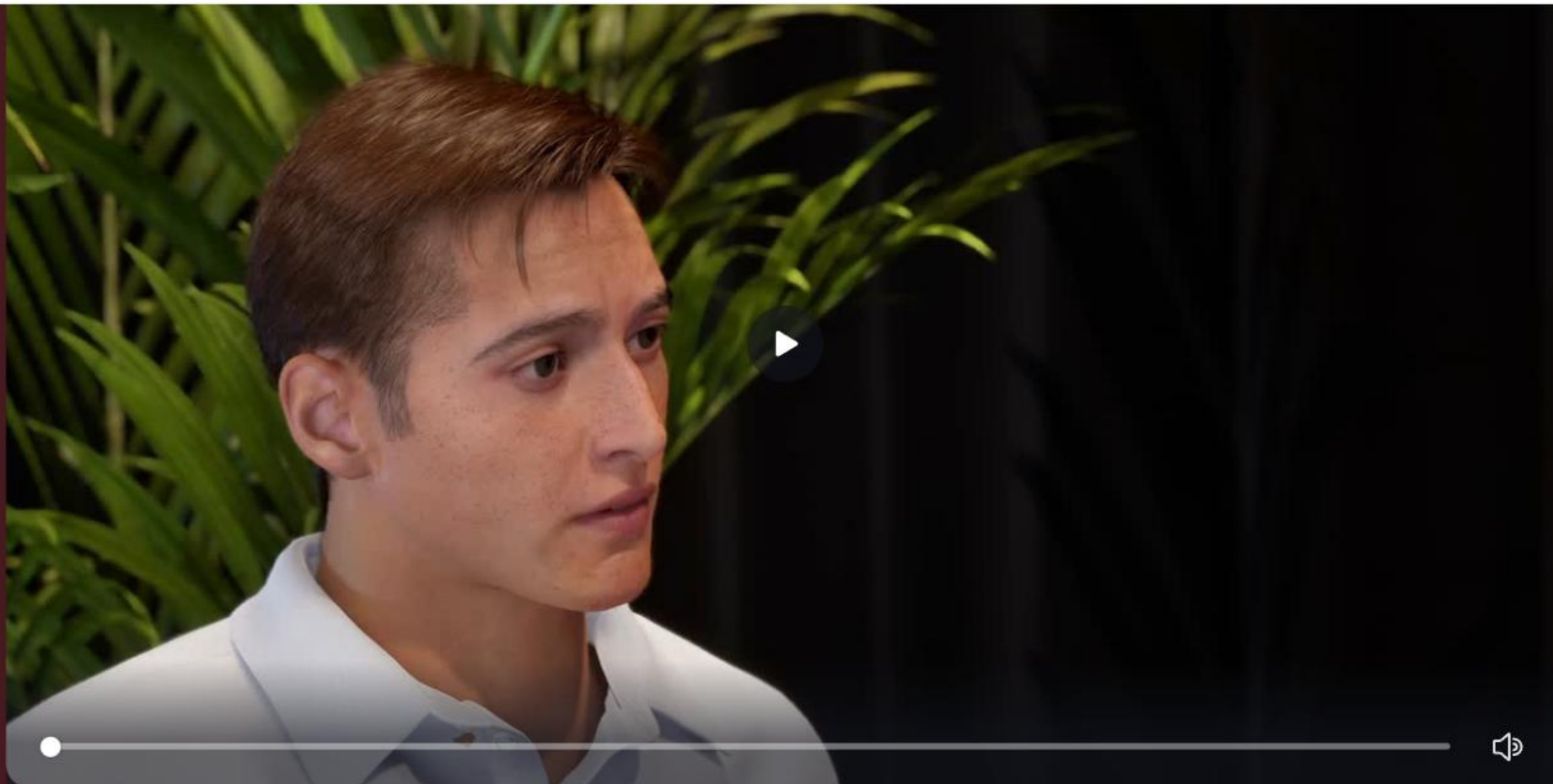


Step 5: AI Avatar Support – Our closed-circuit Avatar for instant clarifications on legislation and manuals.



Step 6: Final Evaluation – Test your acquired skills to successfully complete the training module.

ACCESS THE TRAINING MODULES



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The training journey is supported by an advanced **AI-based Avatar** that interacts with participants both verbally and in writing, creating a **dynamic** and **engaging learning experience**. The Avatar answers questions in real time, provide clear and reliable information about the course content, and guide users step by step throughout the training. Designed to support learning on organised crime at both national and EU level, the Avatar combines **legal expertise** with **practical insight**, helping participants navigate complex concepts with ease. **Multilingual** by design, it can communicate in several languages, ensuring accessibility for a wide range of users.

INTERACT WITH THE AVATAR

Progetto VISAR della UE?

Il Progetto VISAR, acronimo di Victim Support through Alignment of Remedies, è un'iniziativa europea dedicata al rafforzamento dei diritti delle vittime di reato. Si concentra in particolare sui casi di violenza domestica e sull'accesso effettivo alla giustizia e alla protezione per le persone vulnerabili. Il progetto mira a rendere più coerente ed efficace l'applicazione del diritto dell'Unione Europea in materia di diritti delle vittime, superando frammentazioni procedurali e difficoltà concrete nell'offrire un sostegno uniforme in tutta l'UE.

Il progetto coinvolge procuratori, giudici, forze dell'ordine, organizzazioni della società civile e istituti di ricerca di diversi Stati membri, lavorando su raccolta e analisi di dati, formazione, uso di tecnologie, e sviluppo di modelli di cooperazione. L'obiettivo è ridurre la distanza tra norma e attuazione concreta, migliorando il modo in cui il sistema giustizia e i servizi collegati riconoscono, proteggono e accompagnano le vittime.

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The Court

The Court is the virtual space where judges, prosecutors, defence lawyers and victims debate specific mock trials in a virtualized format.



In the Court the avatars assist the different parties in their simulations and offer access to the multi-language library, supporting the debate and the decisions.

Judges can access avatars to write draft judgements, based on the previous case-law.

We plan to collect and digitalize penal codes and legislation in EU languages, to feed the avatars and thus support the trial simulations.

THANK YOU

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