

KI-Anwendungen und der EU AI-Act im Bereich Sicherheit, Grenzen und Migration – eine Perspektive aus der EU-Kommission

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Artificial Intelligence in Migration and Home Affairs

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European Commission
DG HOME

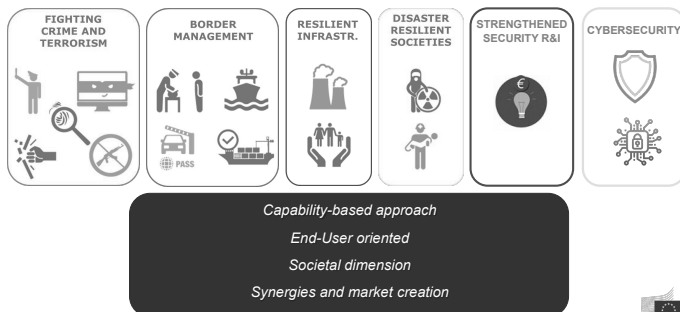
AI and Civil Security Research in DG HOME



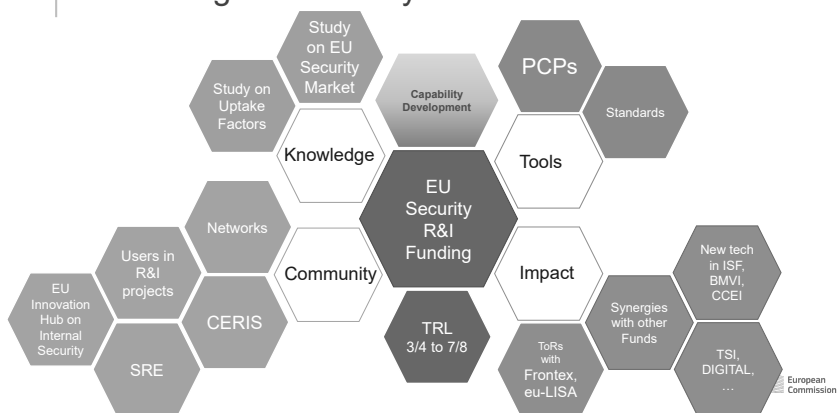
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Horizon Europe Cluster 3: Civil Security for Society

- A work programme structured in 6 destinations



Addressing civil security innovation in the EU



Community for Research and Innovation for Security (CERIS)



Migration and Home Affairs

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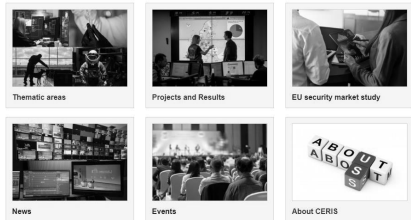
CERIS - Community for European Research and Innovation for Security

Aiming to facilitate interactions within the security research community and users of research outputs, in 2014 the Commission established the Community of Users for Safe, Secure and Resilient Societies (CORS), which gathered around 1,000 registered stakeholders (policy makers, academia, industry and civil society) and regularly held thematic events with the security research community, now named the Community for European Research and Innovation for Security (CERIS). The platform continues and expands the work of the CORS in light of the forthcoming Horizon Europe developments between 2021-2027.

The objectives of CERIS are to

- analyse identified capability needs and gaps in the corresponding areas
- identify solutions available to address the gaps
- translate capability gaps and potential solutions into research needs
- identify funding opportunities and synergies between different funding instruments
- identify standardisation research-related needs
- integrate the views of citizens

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AI Use Cases in Security, Migration, Border Management



Examples of AI use in Migration and Border Management

- Forecasting migrant flows;
- Language identification and assessment of nationality;
- Case management and workflow optimization;
- Interacting with clients- e.g. language translation, chatbots in various languages;
- Access to legal assistance and information for clients that can operate in various languages 24/7
- Large-scale IT systems, incl. biometrics;
- Identity fraud detection;
- Risk assessment and screening e.g. identifying whether an applicant poses a risk to security, health or absconding
- Tools such as small unmanned aerial systems
- Object recognition
- Geospatial data analytics



Examples of AI use in internal security

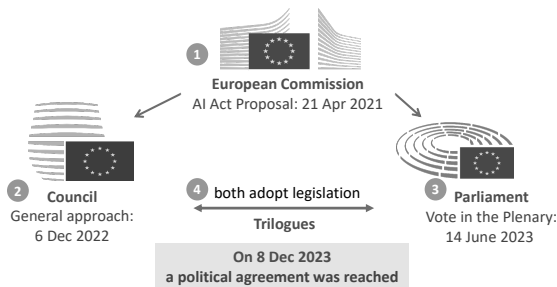
- Remote biometric identification
- Data extraction
- Analysis of vast data points and recognition of patterns e.g. highlighting linked criminal activities
- Categorisation of data, including on the basis of biometric data
- Risk assessments and crime prevention
- Voice analysis and recognition
- Administrative support .e.g preparing first drafts of warrants, reports etc..
- Evidence analysis- use of AI technology to analyse digital evidence e.g. pictures, videos, audio recordings and extraction of relevant information



Political agreement on the European AI Act



A political agreement on the EU AI Act was reached



The first comprehensive legislative framework for AI in the world.
It ensures that Europeans can trust what AI has to offer.