

FCT SESSION – MODERATORS

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FCT-01-01 • FCT-01-02 • FCT-01-03 • FCT-01-04

FCT Review Team

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FCT SESSION – PRESENTATIONS

End-Users

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FCT SESSION – PRESENTATIONS

FCT-01-01

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FCT-01-03

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FCT END-USERS

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Berlin Police - Criminal Investigation Department

Max Hornberger

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Center for Innovation and Research Management

Criminal Investigation Department

Berlin Police

*Destination of interest: **CL3-FCT***

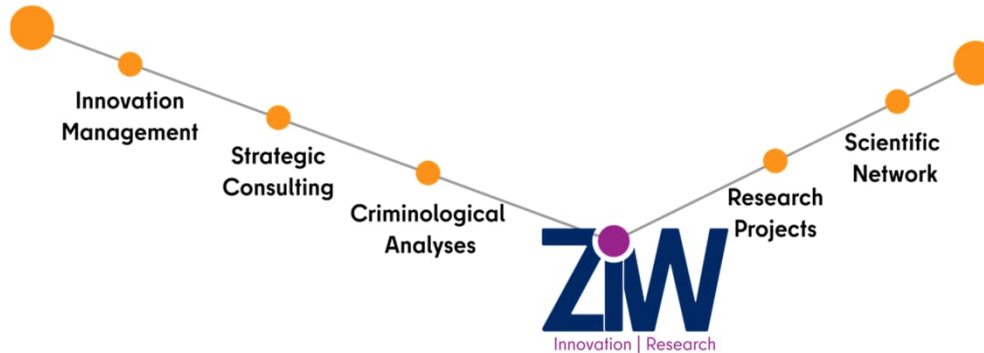


Needs and interests

- *Primary focus on projects impacting police work and the fight against crime (all 2025 FCT topics)*
- *Phenomenological research and technological innovation regarding:*
 - *Organized Crime*
 - *Extremism and Hate Crime*
 - *Cybercrime*
 - *Child Sexual Abuse*
 - *Crimes Against the Elderly*
 - *Corruption*
 - *Hybrid Threats*
 - *Financial investigations*
- *Optimization of framework conditions for policing:*
 - *Digitalization, Automation, Artificial Intelligence*
 - *Staff and Organizational Development*

Contribution

- *Diverse team of police officers and researchers of different backgrounds*
- *Multidisciplinary approach – strategic, criminalistic, criminological, scientific*
- *Identifying innovative approaches and facilitating corresponding R&D initiatives*
- *Link between (criminal) policing practice and research*
- *Interested in active proposal participation, in some cases open to WP Lead role*



Berlin Police - Criminal Investigation Department

Thank you for your attention!



Max Hornberger

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**POLIZEI
BERLIN**



LKA Niedersachsen

Speaker:	Regine Gerhards
Contact	Dr. Anke Schröder anke.schroeder@polizei.niedersachsen.de Landeskriminalamt (State Office for Criminal Investigation of Lower Saxony)
Role in consortium:	WP Leader
Destination of interest:	CL3-FCT-02 CL3-DRS-01

Needs and interests

FCT-02: Open topic on prevention, detection and deterrence of various forms of crime and terrorism through an enhanced understanding of the related societal issues

- Crime prevention in urban development, increased security in public spaces (in regard to different vulnerable groups; intersectionality, environmental criminology)
- Deviant behaviour of juveniles and children in public spaces
- Domestic violence (e.g., validity of risk assessments)

DRS-01: Open topic on citizen and regional and/or local authorities' engagement in enhanced disaster risk awareness, including education, and preparedness

- Resilience and prevention concepts with a focus on joint action of various actors (police, city, fire department, population) in regard to a disaster or terror attack
- Strengthening the population's resilience (and democracy) against hybrid threats

Contribution

What can you as practitioner organisation offer to a consortium?

- In-house direct exchange with
 - police (both from the field of prevention and investigation)
 - experienced researcher in the field of criminology, environmental design and and civil security
- Field access to the police in Lower Saxony
- Network with police from other federal states in Germany
- Experience in submitting and completing EU-funded projects
- During the project:
 - Testing of training materials
 - Training exercise with police special forces

Which role do you prefer in a consortium?

- WP-Leader
- Actively involved in the proposal process

Offered: partnership



- **WAHLEN David**
- david.wahlen@police.belgium.eu
- *Police Brussels CAPITAL – Ixelles*
- **International Relations, EU Projects, Counter Drone Unit**
- Destination of interest: *CL3-FCT*
- *Topics of interest FCT01-04*



Needs and interests

- Partnership in developing data fusion with AI between different RF sensors (drone detection)
- Projects regarding safety in public spaces, drone detection and BVLOS FRD (first responder drones) in urban areas
- All LEA related innovation is welcome

Contribution

- We offer insight in LEA specialities
- We offer Brussels as living lab for new technologies in urban areas
- We offer a reliable and preferred partnership
- We prefer a role as partner in a consortium (Horizon)

ForAn – German Practitioner Network for Civil Security Research

- *Regine Gerhards*
- *projekt.foran@thw.de*
- *THW – German Federal Agency for Technical Relief*
- *Role: all*



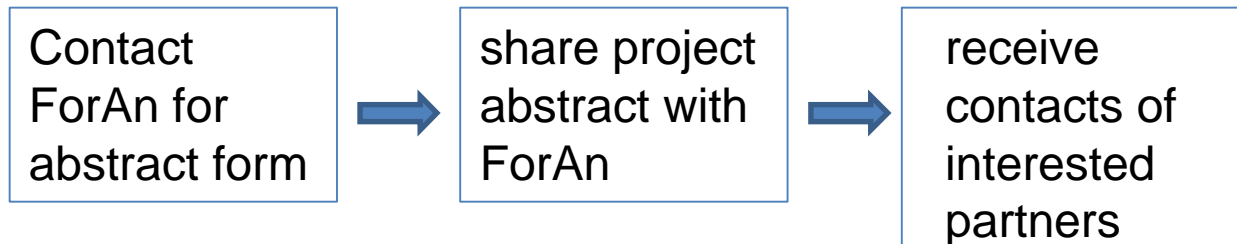
Destinations of interest are especially *Disaster-Resilient Society for Europe (DRS)*, *Fighting Crime and Terrorism (FCT)*

Get connected with German end-users through ForAn!

- ForAn is a civil security practitioner network, led by THW
- ForAn consists of **~60 organisations** from the fields emergency response, law enforcement and critical infrastructure; e.g.:
 - *Police organisations*
 - *Civil protection organisations*
 - *Specialised research institutions*
 - *Critical infrastructure operators*
- **ForAn Goals**
 - *Empowering German practitioner organisations to participate in European research projects.*
 - *Brokerage between German civil security end-users and international research consortia.*
 - *Strengthen the role of practitioners in civil security research.*

How we work

- We can establish contacts to a broad variety of German practitioner organisations.
- ForAn members have **different levels of experience** from newcomer up to Horizon Europe project coordinators.
- ForAn offers and funds **proposal writing bootcamps** for Horizon Europe consortia with ForAn member participation.
- If you are interested in launching a research or innovation project with German practitioners, feel free to [contact us](#).
- ForAn itself is not participating in projects as organisation.





POLIZEI
Nordrhein-Westfalen
Landesamt für Zentrale
Polizeiliche Dienste

- *Dominic Reese*
 - Dominic.Reese@polizei.nrw.de
 - *Head of Innovation Lab*
 - *State Office for Central Police Services NRW*
-
- *CL3-FCT-*
 - *CL3-INFRA-*
 - *CL3-CS-*
 - *CL3-DRS-*



Needs and interests

- *Research potential Innovation Lab*
 - *Resilient Communication*
 - *Robotic Use Cases*
 - *XR Use Cases*
 - *AI Use Cases*
 - *Future Research and Methodology*
- *Research potential Automotive*
 - *Charging Infrastructure*
 - *Cybersecurity (-management)*
 - *Energy Management*
 - *Software defined police car*
 - *Connectivity*



Contribution

- Largest police authority in Germany
- Network in the police
- Needs of the users
- Test environment
- Participation as a partner
- Experienced in coordination (federal level)



KISPER

- AI-Plattform-as-a-service
- AI Research and practice transfer (police, civil security)
- Hardware / Software Stack free to use
- 8x NVIDIA H200 Tensor Core GPUs



First Lieutenant Nahit Mehmet ÇERİ

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Türkiye Gendarmerie General Command -Law Enforcement Agency

Role: Project partner, End User

CL3-FCT-01/02/03- CS-01/02/03 – DRS 01-03

Türkiye Gendarmerie General Command



- The Gendarmerie of the Turkish Republic
- *is an armed general law enforcement organization* which
- *maintains safety and public order and executes the duties* ascribed to it by other laws and Presidential Decrees.

FCT-01: Open topic on modern information and forensic evidence analysis and on frontline policing.



- Evidences collected from the crime scenes are examined and analyzed at the forensic laboratories which have been established in order to enlighten forensic events by means of scientific methods.
- The Gendarmerie General Command has been a member of the “European Network of Forensic Science Institutes” since 1998.
- Proposal: Contribution can be made to the projects through competent forensic laboratories, expert personnel,
- Participation in EU funded Project activities on the subject has been ensured.
- Role: Project partner, End user.
- Interested Calls: FCT-01

FCT-02: Open topic on prevention, detection and deterrence of various forms of crime and terrorism through an enhanced understanding of the related societal issues



- In order to take part in anti-terrorist operations and significant public order incidents, Gendarmerie Commando and Gendarmerie Commando Special Operations Units consisting of Professional personnel entirely have been established.
- Proposal: Contribution can be made to the projects through special purpose teams, units and expert personnel,
- Participation in EU funded Project activities on the subject has been ensured.
- Role: Project partner, End user.
- Interested Calls: FCT-02

Türkiye Gendarmerie General Command

FCT-03: Open topic on improved intelligence picture and enhanced prevention, detection and deterrence of various forms of organised crime



- Department of Counter-Smuggling and Organized Crimes of the Gendarmerie General Command continues to fight against smuggling, financial crimes, narcotic crimes and money laundering.
- The latest developments regarding information systems, technical/ optical /electronical devices and equipments are followed.
- More than (2.000) expert personnel are on duty.
- Proposal: Contribution can be made to the projects through high capacity for crime investigation and detection, specialized units, expert personnel.
- Participation in EU funded Project activities on the subject has been ensured.
- Role: Project partner, End user.
- Interested Calls: FCT-03.

Türkiye Gendarmerie General Command

Other Interested Calls:

CS-01	DRS-02	INFRA-01
CS-02	DRS-03	INFRA-02
CS-03		

Thank you for your attention...

FCT-01-01

HORIZON-CL3-2025-01-FCT-01: Open topic on modern information and forensic evidence analysis and on frontline policing

Presenters

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Tatiana Silva

tatiana.silva@treetk.com

INSPECT

AI-Powered cloud forensics

- *Alessandro Guarino*
- *a.guarino@stagcyber.eu*
- *StAG – Information Governance (FR)*
- *Role: Preparation Coordinator, WP leader*
- *Topic to be addressed: HORIZON-CL3-2025-02-FCT-01 (Open topic on modern information and forensic evidence analysis and on frontline policing)*

INSPECT - Proposal idea

- INSPECT aims at researching, designing, and validating an **AI-powered framework for digital forensic readiness (DFR) as part of a Secure Access Service Edge (SASE) paradigm**, applicable to several SASE components.
- The framework will constitute the core of organisations' DFR posture, together with appropriate organisational measures.
- It will automate the triage and acquisition of Potential Digital Evidence from edge devices.
- It will allow a more efficient use of human and technical resources while keeping the organisation prepared for the management of Potential Digital Evidence related to cyber incidents.
- The project will develop actionable **exchange protocols between targeted organisations and Police Authorities** in order to streamline the process of leveraging admissible Potential Evidence for criminal investigations, as well as venues for automate and facilitate exchange of PDE between Police Authorities cross border and cross jurisdiction.

Project participants

- Existing consortium:
 - Coordinator: G.A.C. Group (FR)
 - Confirmed partners:
 - SASU StAG (FR) – Digital forensics, exploitation
 - Protection and Guard Service (RO) – Police Authority, Research and Development
 - SITNA SLOVA (HR) – Dissemination and communication
 - Atos Spain (ES)
 - Sefako Makgatho Health Sciences University (ZA) – Forensics research
 - Other partners are being contacted but not yet confirmed (PAs, AI developers, research organisations)
- Looking for partners with the following expertise:
 - Police Authorities
 - Digital Forensics Labs and Practitioners
 - Designers and developers of ML model (mostly unsupervised)
 - Cloud services providers, able to supply testbeds

THz radar array integration

- *Jean-Paul GUILLET*
- *jean-paul.guillet@u-bordeaux.fr*
- *Université de Bordeaux*
- **Role:** *Proposal coordinator, WP leader*
- **Topic to be addressed:** *< CL3-FCT-01-01 >*

Fast THz imaging : Radar array

Goal : Build a TRL5 multi-sensor THz fast imaging system

- *Cost effective FMCW radars (SiGe) in line & array*
- *100X more sensors than previous projects*
- *Fast measurement*
- *Less mechanical scan*
- *More data to train AI models*
- *Multi Frequency (120 & 240 GHz)*

- See through object (1 mm resolution)
- Real time array (not raster scan with single sensor like previous projects)

Concealed weapon detection, Standoff screening, Detection of hidden explosives or drugs, Customs and supply chain security...

Project participants

- Proposed coordinator: *Jean-Paul GUILLET Univ. Bordeaux Fr*

Type	Country	Expertise	Current status
Military University	Poland	Military ground testing	Confirmed
University	Poland	Dedicated optics	Confirmed
SME	France	Hardware FMCW radar array integration	Confirmed
Research center	France	THz imaging test and processing	Confirmed

- Looking for partners :
 - Law enforcement agencies & Judicial authorities
 - Ethical
 - AI & data fusion with other techniques

For better image and video enhancement processing for investigations

- *Didier Nicholson*
- *dnicholson@ektacom.com*
- *EKTACOM*
- *Role: Proposal coordinator, WP leader*
- *Topic to be addressed: CL3-2025-01-FCT-01*

Video sources for forensic activities are multiple, from video surveillance cameras to social networks and provide useful information. But in many cases image and video quality is so bad that it is not possible to extract the relevant information even with state of the art image processing. And the processing the pictures shall preserve their ability of being used as a proof as well as it shall comply to rules (IA Act and others)

Proposal idea/content

- For better image and video enhancement processing for investigations
 - *Objective is to study and develop state of the art image and video processing methods*
 - *going beyond the actual capabilities of scientific police and police authorities fighting against crime and terrorism*
 - *The project addresses the difficult images cases*
 - *Image processing including Machine learning based processing that shall preserve the quality of proof and other legal aspects*
 - *Experimentations with real cases to be done by Police authorities partners*
 - *Benefits from results of a French research project (Agence Nationale de la Recherche)*



- *going beyond the actual capabilities of scientific police and police authorities fighting against crime and terrorism*
- *The project addresses the difficult images cases*
- *Image processing including Machine learning based processing that shall preserve the quality of proof and other legal aspects*
- *Experimentations with real cases to be done by Police authorities partners*



Project participants

- Existing consortium:
 - Proposed coordinator: EKTACOM
 - Partners / Other participants: French National Scientific Police, University of Poitiers, University of Lille
- Looking for partners (not French entities) with the following expertise/ technology/ application field:
 - (Explainable) AI or signal based image/video enhancement
 - End users (scientific police and/or other Police Authorities)
 - Other competencies that can serve the objectives

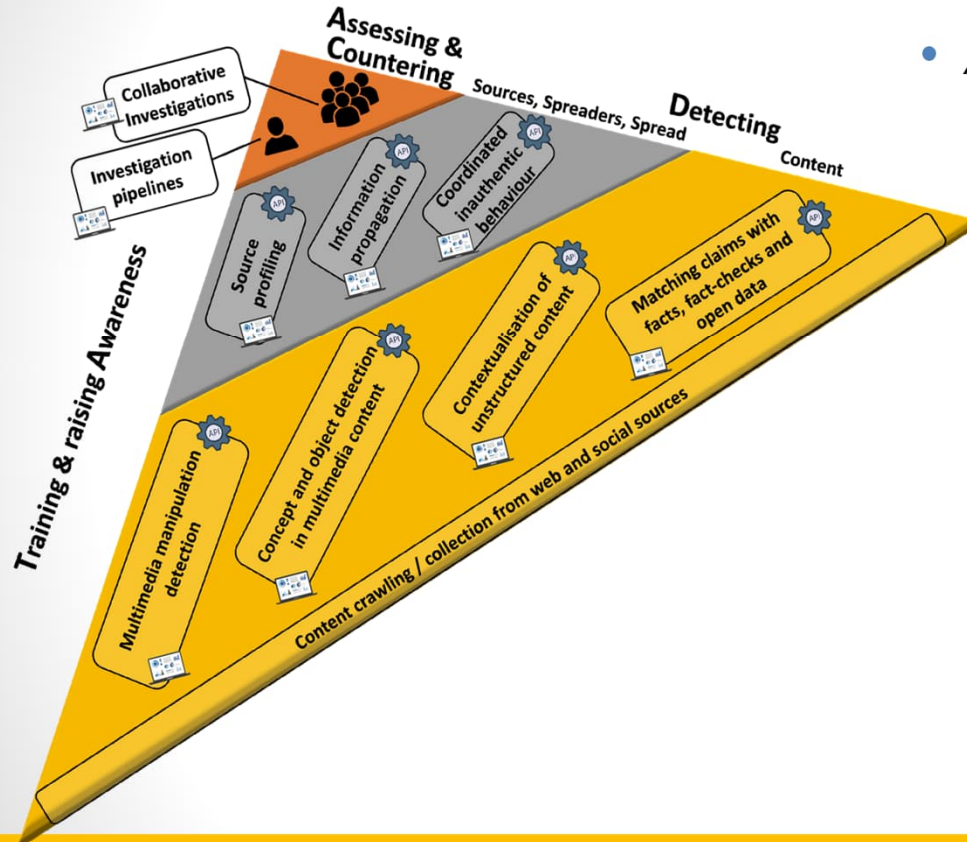


AI vs AI disinformation



- Nikos Sarris
- nsarris@iti.gr
- [Media analysis, verification and retrieval group](#) - **meyer**
 - part of [Multimedia Knowledge and Social Media Analytics Laboratory – MKLab](#)
 - part of [Information Technologies Institute - ITI](#)
 - part of [Centre for Research and Technology Hellas - CERTH](#)
- Role: Coordinator
- Topics to be addressed: :
 - CL3-FCT-01 'tackling advanced technology challenges'
 - CL3-FCT-02 'societal issues related to terrorism and radicalisation'

AI vs AI disinformation



- Assessing information integrity
 - Identification of deepfake/synthetic image/video/audio/text
 - Identification of organized information campaigns (coordinated inauthentic behaviour)
 - Identification of genres, topics, harmful narratives and persuasion techniques

Project participants

- Coordinator: Can be CERTH but under discussion
- Technical partners from relevant projects developing technologies to counter disinformation with strong expertise in multimodal and trustworthy AI (robust, fair and explainable AI models)
- May involve complementary technology partners
- Need to involve complementary user practitioners (e.g. police authorities and civil society organisations)



Transforming unstructured online data into legally-admissible intelligence



- *Tatiana Silva*
- tatiana.silva@treetk.com
- *TREE TECHNOLOGY (Spanish SME)*
 - *Participation in > 30 EU projects*
 - *10 on-going H2020/HEUR projects*
 - *Expertise in Big Data, AI, Computer Vision, and cybersecurity*
- *Role: S/T provider (WP leader or coordinator)*
- *Topic to be addressed: FCT-01 Open topic on modern information and forensic evidence analysis and on frontline policing (RIA) - Option a) tackling advanced technology challenges*

This topic requires the active involvement, as beneficiaries, of at least **2 Police Authorities from at least **2 different EU Member States** or Associated Countries*

Transforming unstructured online data into legally-admissible intelligence

Motivation:

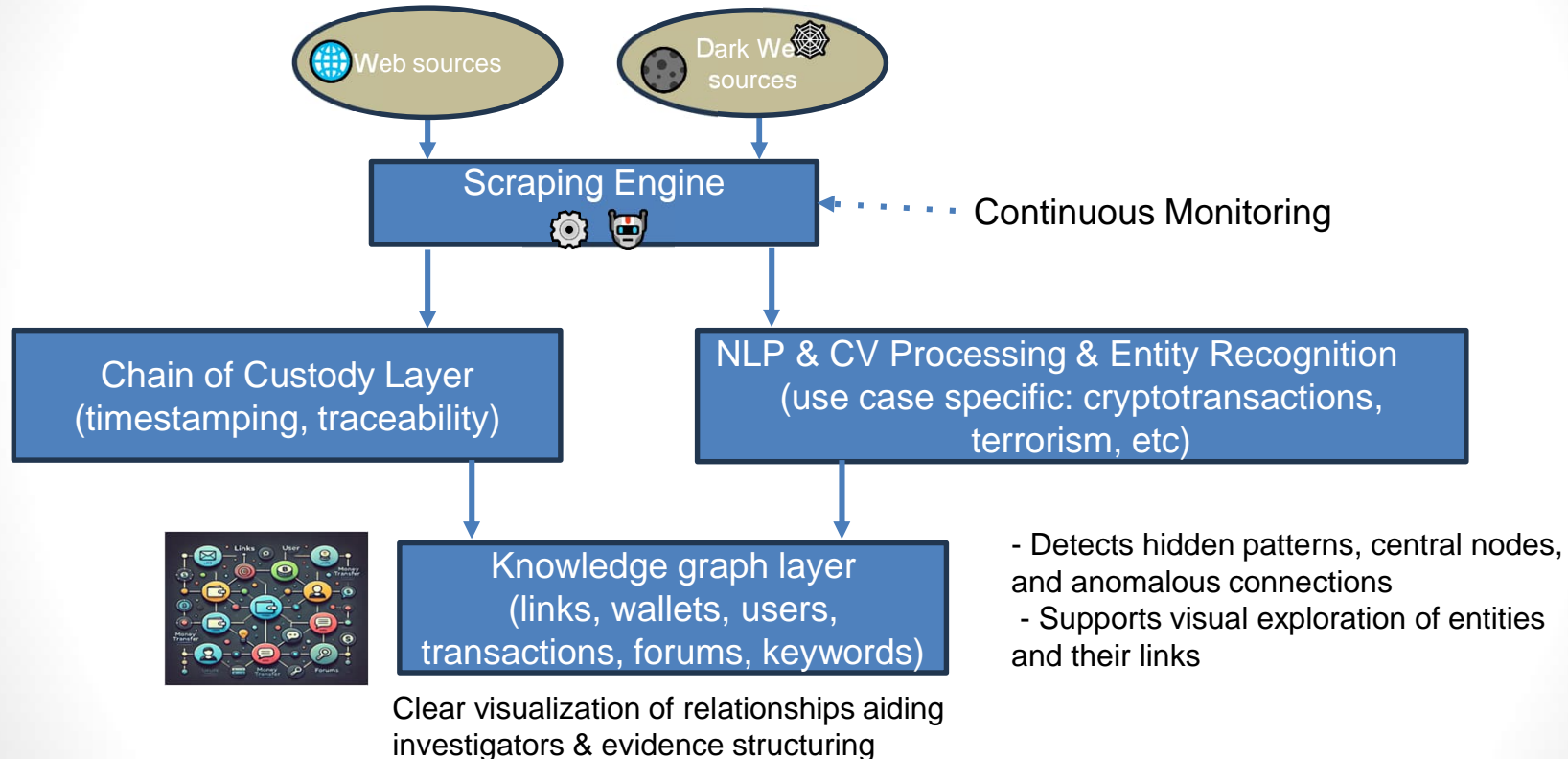
- Critical information related to illicit activities (terrorism, trafficking, cybercrime) is scattered across surface web & dark web sources.
- Gathering and presenting this information as valid evidence in court faces challenges: integrity, traceability, admissibility.
- Lack of visibility into relationships between entities (wallets, users, transactions, forums) makes analysis fragmented.

Solution:

Provide an end-to-end platform that

- **Scrapes & monitors web/dark web** sources in real time.
- Ensures **evidence integrity & legal admissibility** via **chain of custody, timestamping, and tamper-proof mechanisms** (digital certificates & blockchain)
- Applies **NLP-driven analysis tailored to specific use cases** (e.g., terrorism-related crypto transactions), turning raw data into actionable intelligence. Use of Deception and Obfuscation Detection to detect coded language, encrypted terms, misinformation strategies.
- Combines **text analysis with image/video analysis** to enhance metadata and classification (e.g. images from forums)
- Models' relationships between key entities using **graph-based techniques**, providing clear visualization and deeper insights.

Transforming unstructured online data into legally-admissible intelligence



Project participants

- Looking for partners with the following expertise:
 - End users: police authorities
 - Cryptography and digital signatures experts-> experts in digital certificates, PKI (Public Key Infrastructure), and advanced electronic signatures, experience with timestamping authorities (TSA)
 - Legal/ digital law: eIDAS jurisdiction, scraping mechanisms, GDPR
 - Forensic IT experts
 - User-friendly interfaces for non-technical users (lawyers, auditors)
 - Coordinator (open)
- Tree Technology's role
 - Scrapers
 - NLP and image and video analysis, including multimodal capabilities
 - Knowledge graph
 - Chain of custody using blockchain and digital certificate
 - Coordinator (open)

FCT-01-02

HORIZON-CL3-2025-01-FCT-02: Open topic on prevention, detection and deterrence of various forms of crime and terrorism through an enhanced understanding of the related societal issues

Presenters

Serena Bressan

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Adriana Freitas

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Adrian Siadkowski

asiadkowski@wsb.edu.pl

IMAGINE project proposal for FCT-01-02

- *Serena Bressan*
- *bressan@fbk.eu*
- *Fondazione Bruno Kessler, FBK (Italy)*
- *Technical Coordinator*
- **HORIZON-CL3-2025-01-FCT-02**
- ***IMAGINE - Innovative Measures against Youth Criminality and Negative Environments Balancing Technological and Societal Approaches***

IMAGINE: Proposal idea/content

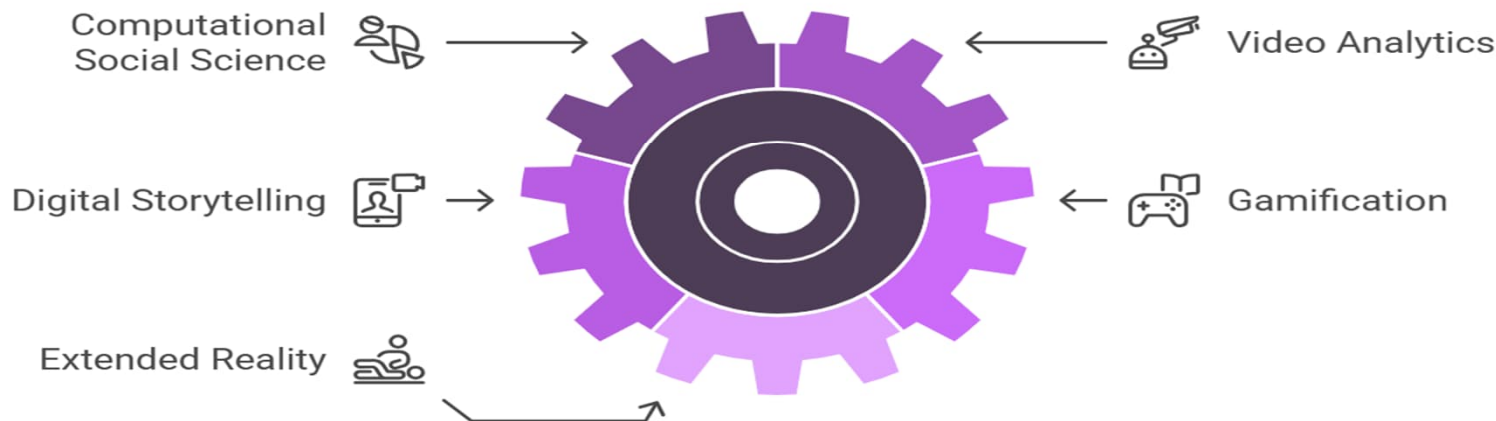
Description of the Proposed Proposal Idea: IMAGINE transforms juvenile crime prevention by integrating advanced technology with social sciences. It provides security practitioners, educators, and policymakers with AI-driven tools for data analysis, early intervention, and immersive training. Leveraging computational social science, video analytics, NLG, digital storytelling, gamification, and XR, it delivers engaging, evidence-based solutions for safer communities.

Key Strong/Selling Points:

- **Innovative AI-Driven Prevention Tools:** AI-driven early warning systems to predict and prevent juvenile delinquency.
- **Real-Time Crime Detection & Response:** Implementation of AI-powered video analytics to monitor public spaces and prevent at-risk behaviours.
- **Computational Social Science for Policy Impact:** Data-driven insights for informed policymaking and targeted interventions.
- **Immersive Training & Education:** Gamification, digital storytelling, NLG, and XR to enhance training for LEAs, educators, and community stakeholders.
- **Multi-Stakeholder Engagement:** Close collaboration with LEAs, NGOs/CSOs, policymakers, and communities for impactful solutions and awareness.

IMAGINE: Proposal idea/content

Innovative Strategies for Addressing Juvenile Delinquency



Project participants

- **Existing consortium:**
 - Proposed Coordinator: *1 PA or 1 RTO or 1 SME recognised at European level (decision shortly)*
 - Technical Coordinator: *Fondazione Bruno Kessler – FBK (Italy)*
 - Partners / Other Participants: *see above + 3 LEAs, 3 NGO/CSOs, 1 University Expert on Ethical/Legal Issues, 1 Expert Company in D&C*
- **Looking for partners with the following expertise/ technology/ application field:**
 - *1/2 university(ies) or RTO(s) or NGO/CSO(s) with expertise in youth crime*
 - *1 experienced system integrator (Company)*

HABITUS



**Maynooth
University**
National University
of Ireland Maynooth

SMI2G
Security Mission Information & Innovation Group

- **Michael Cooke**
- *michael.cooke@mu.ie*
- **Edward M. Kennedy Institute** *for Peace and Conflict Intervention, Maynooth University, Ireland*
- Role: *Proposal Coordinator / Participant in support of coordinator*
- HORIZON-CL3-2025-01-FCT-02: Open topic on prevention, detection and deterrence of various forms of crime and terrorism through an enhanced understanding of the related societal issues
 - Option a: societal issues related to crime

6&7 May 2025, Paris

SMI2G 2025

Proposal idea/content

- *Social scientific research emphasis focusing on psychological and sociocultural factors – focus on social justice dimension of crime;*
- *Developing scenario-based tools to support mediation and dialogue between key actors*
- *Training curriculum development for LEA personnel, community actors, and citizens;*
- *To utilise existing tools for data gathering and analysis of online discourse;*
- *Human Activity-Centred Design Thinking Methodology*
 - *Co-Design with all relevant actors and stakeholders*

Project participants

- Existing consortium:
 - Proposed coordinator: Maynooth University/LEA Partner
 - Partners / Other participants:
 - PARTICLE (SME)
- Looking for partners with the following expertise/technology/application field:
 - LEA practitioners, community groups, local authorities
 - Text/sentiment analysis capabilities and AI
 - Academic/research partners
 - Sport and Cultural organisations and NGOs



CHILD-2025

- *Dr Mathieu LACAMBRE*
- [*m-lacambre@chu-montpellier.fr*](mailto:m-lacambre@chu-montpellier.fr)
- *Montpellier University Hospital (CHU Montpellier)*



- *Role: Coordinator*
- **Topic to be addressed: HORIZON-CL3-2025-01-FCT-02**

Proposal idea/content

- Develop digital and methodological tools to improve access to primary care for people who are sexually attracted to minors.
- Actively contribute to the prevention of sexual violence against minors.
- An innovative initiative combining field expertise and digital technologies
- Measurable impact on prevention and access to care.
- Contribution to public policies for the protection of minors.

Project participants

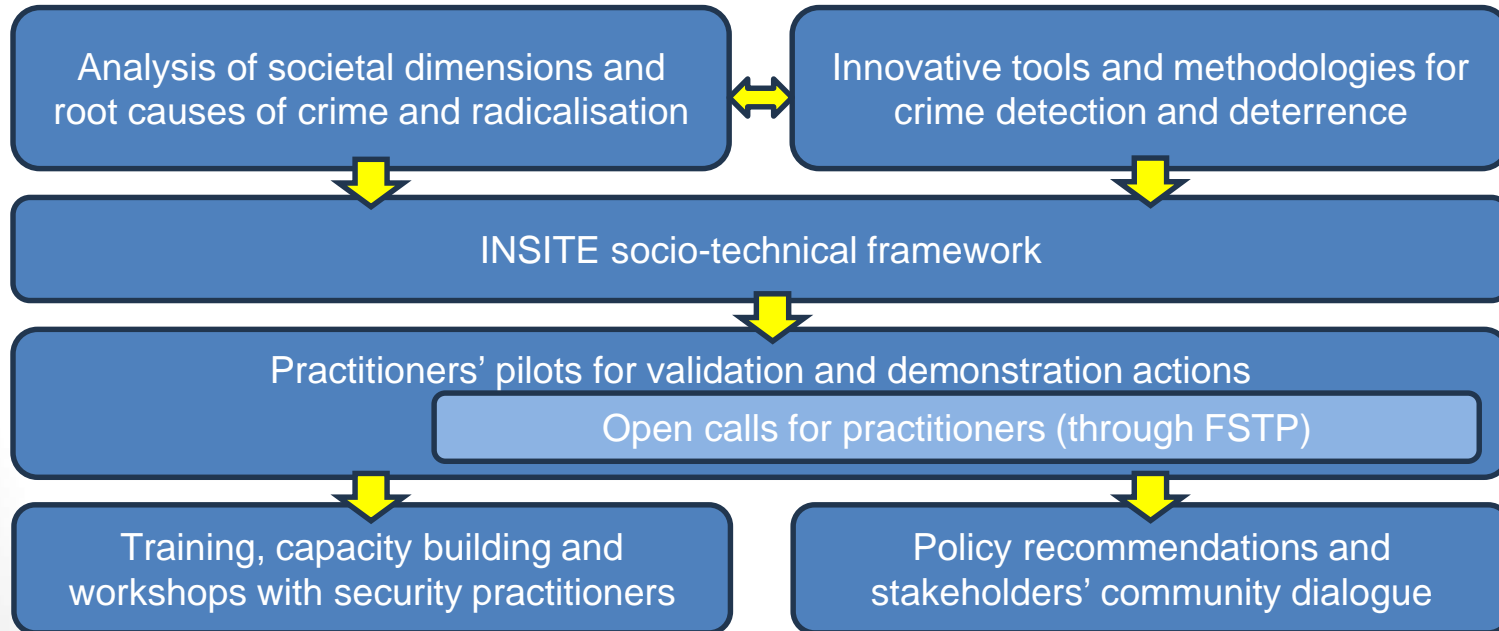
- Existing consortium:
 - Proposed coordinator: *Dr LACAMBRE (France)*
 - Partners / Other participants: *4 partners*
 - *Switzerland: Zurich university and Dis No Association*
 - *Belgium: Legal psychology Units and Liege University*
 - *Quebec : Quebec University at Montreal*
 - *Sweden : Karolinska institute*
- Looking for partners with the following expertise/ technology/ application field:
 - *Law Enforcement Agency (LEA)*
 - *Civil Society Organisation (CSO) and Non-Governmental Organisations (NGO)*

INSITE proposal

- *Marcos Sacristán*
- Marcos.sacristan@sploro.eu
- *SPLORO*
- *Role: Proposal coordinator & WP leader*
- Topic to be addressed: HORIZON-CL3-2025-01-FCT-02: Open topic on prevention, detection and deterrence of various forms of crime and terrorism through an enhanced understanding of the related societal issues

Proposal idea/content

- **INSITE** (*societal INSights for Innovative Tools Enhancing crime prevention*) -> Work Packages overview



Project participants

- Existing consortium:
 - Proposed coordinator:
 - *Proposal coordinator: SPLORO - Project coordinator: TBC*
 - Partners / Other participants:
 1. RTO specialised in FCT technology
 2. SPLORO: FSTP manager (open calls and cascade funding)
- Looking for additional partners with the following expertise:
 - *Police Authorities*
 - *Civil Security Organisations*
 - *Research partner on Societal issues related to crime*
 - *Technology providers with specific tools for crime applications*



NavAware

- *Dr. Tolga Sönmez (PRESENTED BY Ms İknur Yılmaz)*
- *tolgasonmez@navaware.com.tr*
- *NavAware, SME Company*
- *Proposal coordinator, WP leader, S/T provider*
- *Experience in Horizon Civil Security projects*
 - *Coordination of 6 CL3 proposals which received above threshold points after evaluation*
 - *Having a good network with first responders and end-users around Europe*
 - *Ability to arrange test and demo sites with the end users*
 - *Coordinator of the TeamAware project which was funded under Horizon Europe CL3 2021 calls (ranked number 1 among 95 submitted projects)*
 - *Sensor Fusion, Applied AI Algorithms, Localization, System Engineering, Project Management.*
- **Topic to be addressed: HORIZON-CL3-2025-01-FCT-02**

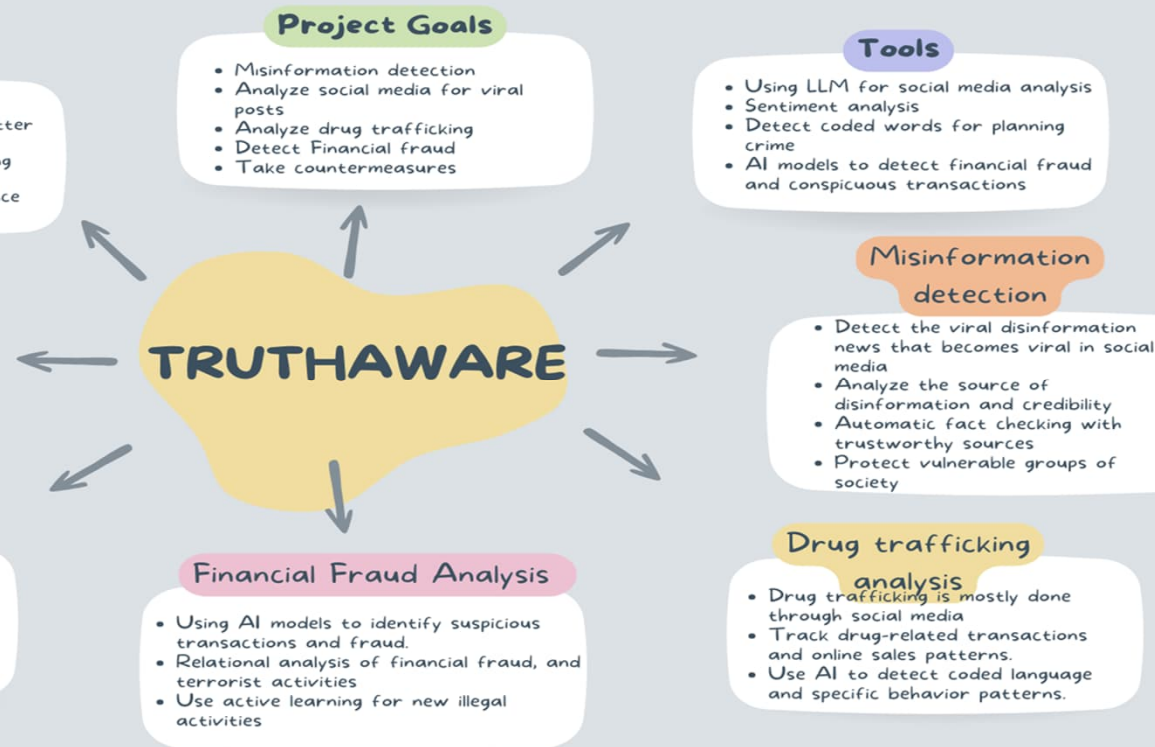


Project Idea: TruthAware

- **TruthAware** develops an AI-based system to detect misinformation, financial fraud, and drug trafficking activities on social media.
- NLP for language analysis, deep learning for fraudulent activity detection, and graph-based analysis for network mapping. The system provides real-time alerts and decision support for law enforcement and policymakers.
- Active learning will be used for new type of crime activities.
- AI agents will be used for testing and continuous development of **TruthAware**.



TruthAware Proposal





Project participants

- Existing consortium:
 - Proposed coordinator: *NavAware*
 - Partners / Other participants:
 - *NavAware, SME, Türkiye, Sensor fusion, Confirmed*
 - *iller idaresi, Government Authority (First responders, Disaster management etc.), Türkiye, End user, Confirmed*
 - *SME, Canada, Financial Analytics, Confirmed*
 - *SME, UK, AI Agents For Systems Testing, Confirmed*
 - *University of Dublin, DNS Research Labs, Confirmed*
- Looking for partners with the following expertise/ technology/ application field:
 - *End users: Government authorities*
 - *AI experience in drug traffic analysis*
 - *Experience in using AI to test and develop AI models*
 - *Emotion analysis in social media.*
 - *LLM experts*
 - *Sociology of minorities, societal events*



REVEAL

Civil Security for Society

- *Adriana Freitas*
- *adriana@apwg.eu*
- *APWG.EU*
- *Role: WP leader*
- Topic to be addressed: **HORIZON-CL3-2025-01-FCT-02**: *Open topic on prevention, detection and deterrence of various forms of crime and terrorism through an enhanced understanding of the related societal issues.*



REVEAL: Recognizing Emerging threat Vectors through Ethical Analysis & Learning

- REVEAL proposes a **privacy-centric, distributed framework** to detect and analyze emerging cybercrime strategies through **federated honeynets** and **edge-based AI learning**.
- This innovative approach combines **real-world behavioral data** collection, **privacy-enhancing technologies** (PETs), and **collaborative intelligence** to support law enforcement agencies (LEAs), policymakers, and civil society in combating the evolving digital crime landscape.
- **The human approach:** fight crime and terrorism by addressing the underlying **social, economic, and psychological conditions** that contribute to them.
- The REVEAL system ensures compliance with ISO/IEC 29100 and GDPR, making threat insights **accessible, ethical, and actionable**.
- REVEAL will **support policy makers and security practitioners** through evidence of data collected on the field. Collected data will also be used for real world **training** purposes.



- Existing consortium

Improving prevention, detection and fight to novel terrorism and radicalization



Spain

Experts in cybersecurity awareness, stakeholder engagement, and knowledge-sharing for disaster resilience.



Switzerland

Cyber threat intelligence; honeynets and own AI-based tools for data analysis to identify novel attack techniques and trends.

Some large institutions and a CERT have declared high interest to join the consortium

- Looking for a coordinator, and for partners with the following profiles

Scientific (academic) and Technical Partners
(with strong records in EU projects)

- 1 Strong legal & tech in cybersecurity
- 2 Cybersecurity, digital forensics, AI, privacy law
- 3 First Responders & Crisis Practitioners
- 4 Institutions active in the monitoring and fight against terrorism
- 5 Satellite-based earth observation and monitoring

Institutional Partners (front line to the fight against terrorism and radicalization)

- 6 Law Enforcement Agencies and forensic
- 7 Local & Regional Police Authorities and/or NGOs
- 8 Defense & Military Organizations
- 9 International actors engaged in studies on terrorism, radicalization, and crime
- 10 Policy & Governance Experts

Modern tools to prevent radicalisations, terrorism and secure large gatherings of people

- *Adrian Siadkowski, PhD, DSc, prof. WSB University*
 - *asiadkowski@wsb.edu.pl*
 - *WSB University, Dąbrowa Górnicza, Poland*
 - *Role: Proposal Coordinator*
-
- Destination of interest: HORIZON-CL3-2025-01-FCT-02

Akademia WSBDąbrowa Górnicza, Cieszyń, Olkusz, Żywiec, Kraków**WSB University**

Proposal Idea

Supporting policymakers, LEA's, NGO's and managers of places of large gatherings of people societal issues related to terrorism and radicalisation through:

- *Review of fundamental rights legislation to counter radicalisation and terrorism – environmental recognition;*
- *Modern tools for profiling religious and cultural patterns to prevent radicalisation;*
- *Training and education programs for European police authorities, NGOs, civil society organizations to identify patterns of cultural and religious attitudes that influence radicalisation;*
- *Development of an AI-assisted behaviour recognition system for recognizing terrorist threats in places of large human concentrations such as places of religious worship to prevent panic, among other things.*

Needs and interests

- *Development of cultural and religious patterns influencing radical behaviours;*
- *Development of a training program for recognizing patterns of cultural and religious attitudes that influence radicalisation;*
- *Development of an AI-assisted system for recognizing terrorist threats in places of large human gatherings such as places of religious worship to prevent panic, among other things;*
- *Conducting trainings for LEA's, NGO's and testing the system and procedures for managers of places of large gatherings of people.*

Project participants

Akademia WSB

Dąbrowa Górnicza, Cieszyń, Olkusz, Żywiec, Kraków

WSB University

- *Coordinator: WSB University*
- *Partners: Jasna Góra Shrine, TOR, FCF, Euroislam, Jewish Community, Spain Local Police, UCSC.*
- *Looking for partners with the following expertise:*
 - *Policymakers,*
 - *AI developers,*
 - *SSH,*
 - *Religions/cultural organisations,*
 - *Crisis management,*
 - *LEAs,*
 - *NGO's (religious, societal, cultural, institutions of EU knowledge hub of radicalisation).*

FCT-01-03

HORIZON-CL3-2025-01-FCT-03: Open topic on improved intelligence picture and enhanced prevention, detection and deterrence of various forms of organised crime

Presenters

Alessandro Guarino
George Mourkousis
Diego Perez Vieites

a.guarino@stagcyber.fr
georgemr@hse.gr
dperez@gradient.org

SPARK - Network-centric intelligence

- *Alessandro Guarino*
- *a.guarino@stagcyber.eu*
- *StAG – Information Governance (FR)*
- *Role: Preparation Coordinator, WP leader*
- **Topic to be addressed:** *HORIZON-CL3-2025-02-FCT-03*
(Open topic on improved intelligence picture and enhanced prevention, detection and deterrence of various forms of organised crime)

SPARK - Proposal idea/content

- SPARK aims at develop a set of tools based on the network analysis approach to investigative intelligence and supporting the Intelligence-led Policing paradigm.
- The project will develop actionable **methodologies** and the associate **training** material for the use of multi-layer, blended Social Network Graphs in criminal investigations.
- The approach aims at blending in a meaningful way different data sources to build a nuanced, meaning-rich Social Network Graph that, analysed with the tools typical of Social Network Analysis, could shed light on the workings of complex criminal networks and how to counter them by targeting high-value individuals.
- The project will develop actionable protocols for the exchange between Police Authorities of criminal intelligence cross border and cross jurisdiction.

SPARK – Project participants

- Existing consortium:
 - Confirmed partners:
 - SASU StAG (FR) – Digital forensics, exploitation
 - Protection and Guard Service (RO) – Police Authority, Research and Development
 - SITNA SLOVA (HR) – Dissemination and communication
 - ATOS Spain (ES)
 - Other partners are being contacted but not yet confirmed (PAs, AI developers, research organisations)
- Looking for partners with the following expertise:
 - Police Authorities
 - Digital Forensics Labs and Practitioners
 - Expertise in network analysis, focus on Social Network Analysis

DDEEW Project Proposal

Distant **D**etection of **D**rugs and **E**xplosives, for **E**arly **W**arning and
Distinguished Crimes Fighting

- *Name of proposer/speaker: (Dr) George MOURKOUSIS*
- *e-mail: georgemr@hse.gr*
- *Company/ Organisation: Hardware and Software Engineering Ltd (HSE)*
- *Role: Proposal coordinator, WP leader*
- *Topic to be addressed: HORIZON-CL3-2025-FCT-01-03: Open topic on improved intelligence picture and enhanced prevention, detection and deterrence of various forms of organised crime*

DDEEW Proposal idea/content

Description of the proposed project

Summary: Distant detection of drugs (i.e. cocaine, heroin, etc.) and explosives (i.e. TNT, T4, dynamite, etc.), for early warning, connected distinguished criminal activities (i.e. drugs production and smuggling, ammunition smuggling, and terrorism) detection, and the enhancement of organised crime fighting, by advanced decision-making support upon objective evidences.

Potential applications: Urban Counterterrorism, Border Surveillance, Critical Infrastructure Protection, Public Event Security, Drug labs feeding organized crime, Transportation Hub Security, VIP Protection, Post-explosion Investigation

DDEEW Proposal idea/content

Description of the proposed project

Operational Concept/ materialisation technologies

Real-time/ early/ distant, from several kilometres, detection and tracking of distinguished illicit goods (i.e. drugs such as cocaine and heroin) and dangerous goods (i.e. explosives such as TNT, T4, dynamite, etc.), and early warning of potentially connected illegal/dangerous activities, with the utilisation of suitable EM transceivers, exploiting the physical properties of substances at the sub-molecular level, the Poynting vector, and the EM flux anomalies and enforced EM bonds.

Real-time Illicit/dangerous goods carriers' identification, at specified focal spots and/or moving corridors, through their ID data capturing on-the-go, remote detection and tracking data fusion, correlation with early warning findings, and analysis with AI

Legitimate activities and false alarms exclusion, with local and transportation intelligence data, collection, fusion and analysis with AI

DDEEW Project participants

- **Existing consortium (as part of a wider solution):**
 - Proposed coordinator: Hardware and Software Engineering Ltd (HSE) / *Multimodal Sensing and AI* / Greece
 - Partners / Other participants:
 - *ICT Large Enterprise / Decision Support System and Integrator in Overall solution* / Luxembourg (confirmed)
 - *ICT SME / EM Sensing and AI for early warning* / Greece (confirmed)
 - *Security Consulting SME / CONOPs, Business Analysis, Pilot Coordination* / Bulgaria (confirmed)
- **Looking for partners with the following expertise/ technology/ application field:**
 - *Police Authorities / End Users to potentially facilitate/ host demos*
 - *Partners of a wider solution:*
 - Open Sources and Social Media fusion and analysis, for information intelligence, criminals' patterns recognition and early warning (part of a turnkey solution)
 - UxVs orchestration for remote sensing and offenders' detection and tracking (part of a turnkey solution)

AI-Powered Video and Multimedia Forensics for Law Enforcement Agencies

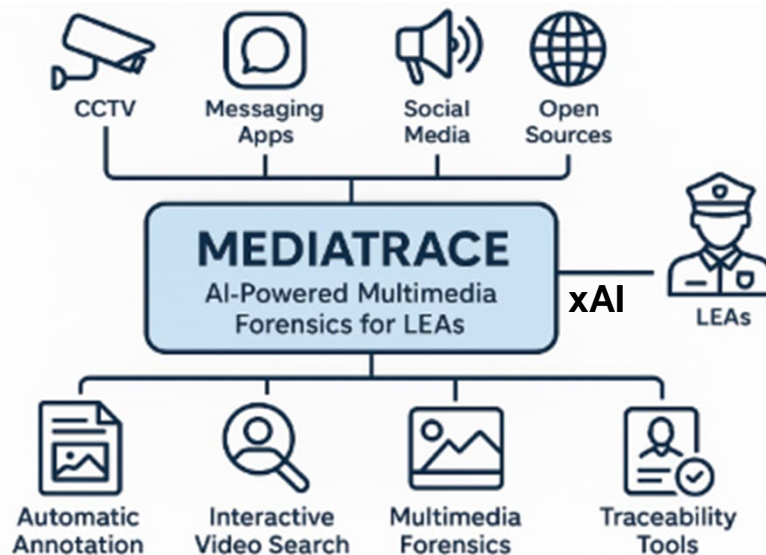
- *Diego Perez Vieites*
- *dperez@gradient.org*
- *Gradient (Galician Research and Development Center in Advanced Telecommunications)*
- *Role: WP leader*
- *Topic to be addressed: CL3-FCT-01-03*

Proposal idea/content

MEDIATRACE proposes an AI-powered platform to support **law enforcement agencies (LEAs)** in the forensic analysis of vast volumes of multimedia data (video, audio, images) originating from CCTV, social media, messaging apps and open sources.

Key innovations include:

- **Automatic multimedia annotation** with keywords, actions, and visual attributes to ease report creation and case linkage.
- **Interactive video search** enabling investigators to query by visual example (e.g., "red car", "person in black jacket").
- **Multimedia forensics** to detect synthetic content (deepfakes, AI-generated media) and identify manipulation.
- **Traceability tools** to attribute content to specific devices or platforms and verify source authenticity.
- **AI explainability** and legal-compliant workflows to ensure admissibility of digital evidence.



Project participants

- Existing **consortium**:
 - Proposed coordinator: *TBC (large applied research center with strong experience in EU security projects)*
 - Partners / Other participants:
 - GRADIENT - 1 applied research institute (ES) – expertise in AI for image, video and audio analysis, multimedia forensics, and deepfake detection
- Looking for partners with the following expertise/ technology/ application field:
 - **Law enforcement agencies** (LEAs) to provide operational requirements, use cases and pilot testing
 - **System integrators** experienced in connecting AI and forensics tools to existing LEA systems (e.g. video analysis platforms, case management systems)
 - **Legal and ethical experts** in digital evidence, AI explainability and compliance with EU legal frameworks
 - **Developers** of visual analytics / data visualization tools for interactive forensic dashboards
 - **Partners with access to real-world multimedia datasets for research**, training, and testing (under ethical approval)
 - **Specialists in XAI** (explainable AI) and human-in-the-loop interfaces

FCT-01-04

HORIZON-CL3-2025-01-FCT-04: Humanitarian demining of civil areas and explosive ordnance risk education

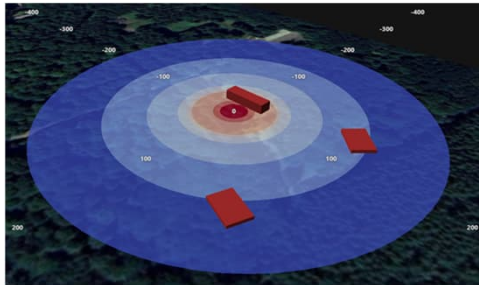
Presenters

Johannes Schneider Johannes.Schneider@emi.fraunhofer.de

Häli Allas hali.allas@siseministeerium.ee

Quantitative Explosive Risk Assessment for Demining

- Proposor: *Dr. Johannes Schneider*
- e-mail: *johannes.schneider@emi.fraunhofer.de*
- Speaker: *Dr. Marc Thielen*
- e-mail: *marc.thielen@emi.fraunhofer.de*
- *Fraunhofer EMI*
- Role: *technical coordinator, WP leader, contributor*
- Topic to be addressed: HORIZON-CL3-2025-01-FCT-04: Humanitarian demining of civil areas and explosive ordnance risk education



CLUSTER BOMBS - SOUTH LEBANON | Women deminers carry their g... | Flickr

Proposal idea/content

Scope:

- Development of a quantitative explosive risk assessment framework to enhance risk awareness during demining operations.

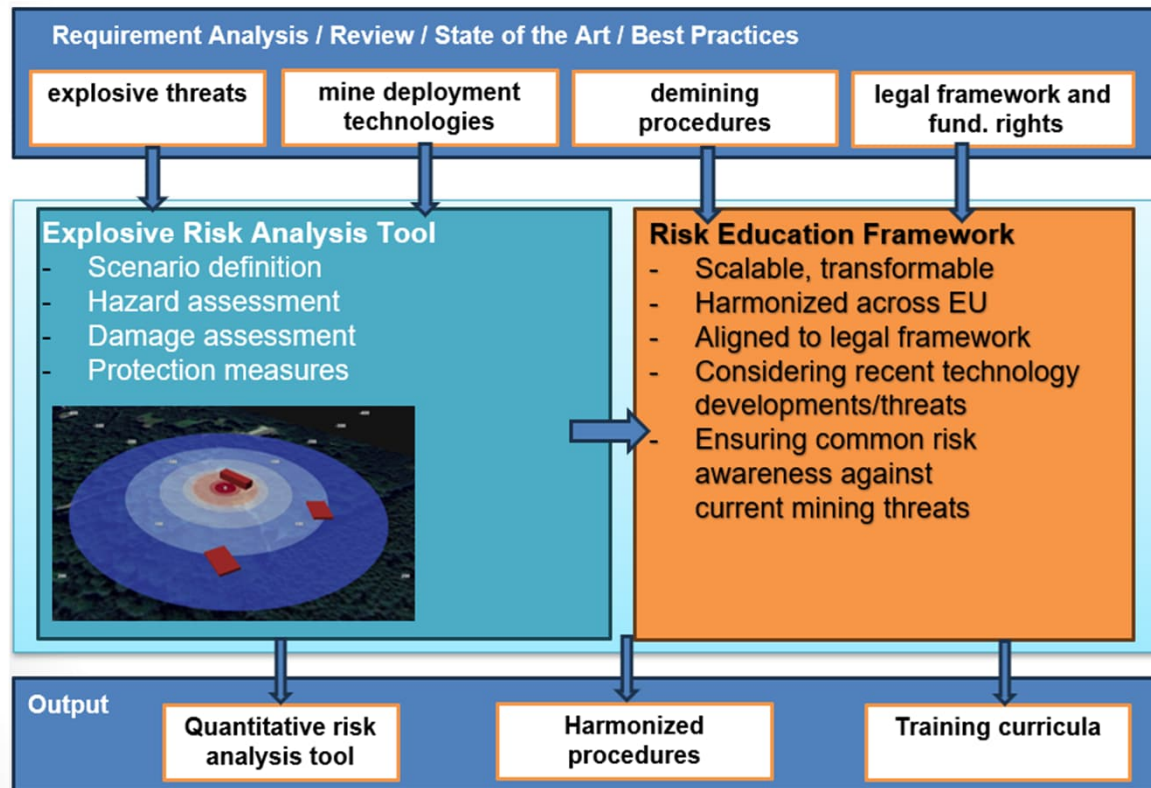
Problem statement/Motivation:

- Fragmented demining initiatives across the EU, including Ukraine.
- Regional specifications and new technological developments related to mines/IEDs, as well as demining options and procedures.

Objective:

- Development of harmonized procedures to quantitatively assess mining and buried charges risks in contaminated areas across Europe, including Ukraine, to ensure fast, efficient, and as safe as possible demining missions.

Proposal idea/content



Project participants

- Potential consortium:
 - Proposed technical coordinator: Fraunhofer EMI
 - Looking for partners with the following expertise/ technology/ application field:
 - Humanitarian demining organizations, NGO's (e.g. risk education)
 - Demining agencies and industry partners (e.g. demining/EOD technologies and procedures)
 - RO's (e.g. recent and evolving threats)

Humanitarian demining of civil areas and
explosive ordnance risk education

Project “SAFE GROUND”

1.05.2026-30.06.2028

Häli Allas

Ministry of Interior/ Estonian Academy of Security Sciences
Proposal coordinator, project manager



6&7 May 2025, Paris

SMI2G 2025

To Ensure Community Security in post-war areas through Technology and Training

Effective detection, Safe destruction, Human factors, Community awareness, Policy recommendations

WP1
Admin



WP2
Mapping



WP3
Destruction



WP4
Human factor



WP5
Risk education



WP6
Communication



Innovative **technological solutions** and methodology



Working prototype (TRL 6-7):
→ mapping
→ neutralizing
→ materials

Research: The physical and psychoemotional **well-being** of deminers



Guidelines and training programme/methods for deminers and other first responders

Population awareness



Best practices to make effective campaigns to raise risk awareness

Research: UKR lessons learn



Study material for all the interested countries to prevent and prepare for crises

IMPACT

The project's results help create a safe living environment in post-conflict areas more quickly and effectively, and can also be applied in other countries facing post-conflict ordnance issues

ON BOARD:

- Estonian Academy of Security Sciences
- EOD Center of the Estonian Rescue Board
- Latvian University
- Rescue College of Finland
- Stratex
- Uridt

PROCESSING:

- University of Tartu
- TalTech
- Metrosert
- AS CGI Estonia
- Cafatech OÜ
- Falconers OÜ
- Threod Systems OÜ
- DefSecIntel OÜ
- Krattworks
- ASAX Innovation OÜ
- Milrem



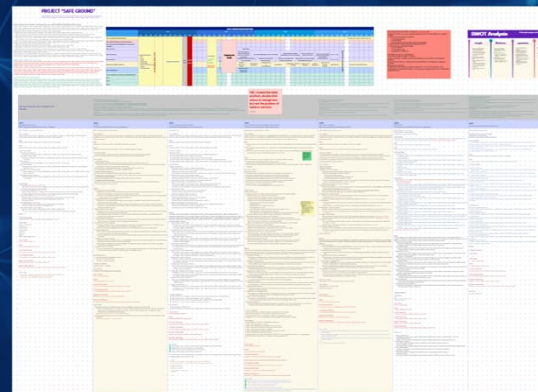
ADVISORY BOARD

Needs assessment, impact evaluation, collaboration

Project “SAFE GROUND”

Join with our ambition and unique project!

More information available in the project whiteboard



Häli Allas

Manager in the field of smart and innovative internal security



LOOKING FOR PARTNERS:



- 1) To join the WP/research groups (technology, demining, human factor, risk education)
- 2) To support administration, needs assessment and Impact evaluation, Dissemination, Exploitation, and Communication
- 3) To join the Advisory Board (CRO, BIH, CYR, ARM, EOD network, NGO-s...)

6&7 May 2025, Paris

SMI2G 2025

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FCT-01-01 • FCT-01-02 • FCT-01-03 • FCT-01-04

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