

GM01-GM03 session

| Presentation number | Speaker's name | Entity | TOPIC |
|---------------------|--------------------------------|--|----------------------------|
| 1 | Dr. Päivi Mattila | Laurea University of Applied Sciences, Finland | GM01 - 2019 - SUB-TOPIC A) |
| 2 | Rashel Talukder | Polish Platform for Homeland Security | GM01 - 2019 - SUB-TOPIC A) |
| 3 | Thanasis Sfetsos | NCSR Demokritos | GM01 - 2019 - SUB-TOPIC A) |
| 4 | Dr. Georgios Leventakis | European Neighbourhood Watch Association - EUNWA | GM03-2019 |
| 5 | Dr. Giray SADIK | AYBU Department of International Relations (IR), AYBU | GM01 - 2019 - SUB-TOPIC A) |
| 6 | Dr. Sheryl Lynch | Future Analytics Ltd. | GM01 - 2019 - SUB-TOPIC A) |

EU-HYBNET

- *Dr. Päivi Mattila*
- *paivi.mattila@laurea.fi*
- ***Laurea University of Applied Sciences, Finland***
- Role: ***Proposal coordinator together with the European Center of Excellence for Countering Hybrid Threats (CoE)***

- Proposal activity: ***SU-GM01-2019, Sub-topic a) Practitioners in the same discipline and from across Europe - the handling of hybrid threats***
- CSA, five years/ 3.5 million €

HYBRID THREAT - CoE presentation

Actors
(State, non-state, proxies)

Channels
(Identifying weaknesses)

Means
(Using weaknesses)

- Technology
- Diplomacy
- Cyber
- Information
- Infrastructure
- Economy
- Legal
- Military
- Society
- Politics
- Bureaucracy
- Intelligence
- Culture

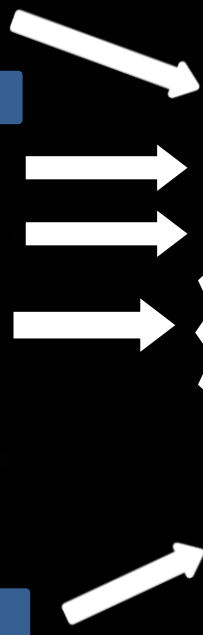
- Bots
- Leaks
- Hacking
- Fake news
- Terror
- Air space violation
- Blackmail
- Pressure
- Law limitations
- Social unrest

Hybrid Threat is created



PRIMING PHASE

OPERATIONAL PHASE



EU-HYBNET -project

Today fight against Hybrid threads must be enhanced, hence EU-HYBNET

- **collects related entities together under one EU level network** where it
- **fosters European network** against hybrid threats and
- **empowers** their cooperation and work, also by providing **new solutions** for network collaboration
- provides policy and procurement recommendations for EU

-- > existing EU Hybrid governmental network is extended with academics, industry, SMEs, practitioners, organisations, NGOs

How

- **Iterative process** to focus on up-to-date themes **in each project year**
- **Research, innovation and training**
- Focus is **civilian and citizens' needs driven** but does not exclude cooperation with **military/defence actors and NATO**

Objectives in key words

Hybrid network - monitor research and innovation - common requirements - filling capability and operational gaps - standardization and policy recommendations - conditions for better interaction - capacity building and knowledge exchange - dissemination - network of networks

Project participants

Coordinators:

- **the European Center of Excellence for Countering Hybrid Threats (CoE)** - thematic coordinator
- **Laurea UAS** - technical coordinator

Partners engaged:

- Practitioners and academia: FI, SE, LT, DE, NL, ES

Looking for **new partners**:

- **Practitioners:** authority mandated to act against hybrid threats
- **Academia:** Preparedness R&D in resilience, media, SOME, policy, cyber
- **Industry & SMEs** related to technical innovations against hybrid threats
- **Organisations & NGOs** e.g. Media, citizen involvement

GM 01 – 2019

- *Rashel Talukder*
- rashel.talukder@ppbw.pl
- *Polish Platform for Homeland Security*
- *Role: Work Package Leader/Partner in WPs*
- *Proposal activity: **SU-GM01-2019** Pan-European networks of practitioners and other actors in the field of security*
- ***Sub-topic a: Hybrid Threats** (Practitioners in the same discipline and from across Europe*

Interested to be a GM-01 (Hybrid Threats) consortium a partner

- *Hybrid attacks are one of the most important threats for security and stability of countries*
- *Interested in a system/methodology/tools for analysis which information in cyberspace are true and which are fake*
- *Interested in a methodology how to deal with fake news*
- *Interested in developing a national or European framework responding for hybrid threats in cyberspace*

What we can offer as a partner

- *Effective diagnosis of LEA/practitioners needs -> end-user requirements, use cases, scenarios*
- *Access to know-how (data) needed for research*
- *Access to field tests, exercises in operational environment*
- *Communication & Dissemination activities*
- *Legal analysis*
- *Contacts to Polish LEAs and LEAs across different EU Member States (potential consortium partners)*
- *WP Leader or Partner in WP*

Main information about PPHS

- *Polish NGO established in 2005*
- *Associates representatives of Polish LEA, universities and experts in different security domains, including cybersecurity*
- *Cooperates with national and European practitioners in the area of security including cybersecurity sector*
- *Active international activities (e.g. ENLETS network, i-LEAD)*
- *Since 2015 participates in EU/H2020 proposals and projects (as a Partner and Work Package Leader)*
- *More information at: www.ppbw.pl/en*



GovBuildNet

- *Thanasis Sfetsos*
- *ts@ipta.demokritos.gr*
- *NCSR Demokritos*
- *Role : Coordinator, main partner*

- *Proposal activity: SEC – 01a - GM*

Proposal idea

- *Develop a network of practitioners for governmental buildings and surrounding areas*
- *Assess present and evolving threat environment*
- *Design Cyber – Physical Protection Systems*
- *Common Training requirements and Virtual training facilities*
- *Dissemination / awareness raising events*
- *Links to EU (ISF, H2020, UIA) and national initiatives*

Project participants

- Proposed coordinator: *NCSR*
- Partners Other participants: *Governmental Buildings Managers, LEA, practitioners*
- Looking for partners with the following expertise/ technology/ application field:
 - Practitioners,
 - EU associations,
 - Other relevant organizations

Innovative Solutions for Smart Secure and Safe Cities – IS⁴ Cities

- *Dr. Georgios Leventakis- Vice President, Policy and Innovation Advisor*
- g.leventakis@eunwa.org
- *European Neighbourhood Watch Association - EUNWA*
- *Role: Proposal coordinator*
- *Proposal activity: **SU-GM03-2018-2019-2020:Pre-commercial procurements of innovative solutions to enhance security***

IS⁴ Cities proposal idea/content

- *The main objective of the **IS⁴ Cities** project is to create an ecosystem of services and applications that increase the perception of safety and security of citizens in cities (urban environment).*
- *The **IS⁴ Cities** project will rely on a wide spectrum of available technologies to deploy an interactive framework among Local Authorities, Public Safety and Security Agencies and Citizens.*
- *The **IS⁴ Cities** project, **will design, procure and benchmark innovative solutions** with targeted budget at 12ME.*

IS⁴ Cities proposal idea/content (cont.)

IS⁴ Cities project shall provide the concept requirements for large-scale stream processing solutions to interlink data from Internet of Things and relevant Social Networks in order to extract real-time information towards **Safe, Secure and Resilient EU Cities**.

The sources of data streams considered in the **IS⁴ Cities** framework are:

- **IoT sensors** in the city infrastructure (e.g. streets, public buildings, utility systems) or in personal and business properties (e.g. vehicles, homes, buildings).
- **Smart Surveillance solutions with Advanced Video analytics** unlocking the power of existing CCTV infrastructure.
- **Social Platforms and Smart Mobile Apps** and transform the smart phone or the tablet of the citizen into a reporting platform tool.
- **Advanced Analytics and Information-Rich Intelligence** using artificial intelligence coupled with video surveillance and active monitoring.

Project participants

- Proposed coordinator: **European Neighbourhood Watch Association - EUNWA** an EU NGO which act as an “Umbrella Organisation” for neighbourhood watch associations and similar organisations in various European countries pursuing the prevention of crimes through cooperation between members, police and other relevant local authorities, institutions, universities and NGOs, etc.
- Looking for partners with the following expertise/ technology/ application field:
 - *Municipal or Regional Authorities*
 - *Law Enforcement Agencies (Local – National)*
 - *RTOs*
 - *NGOs with relevant mandate*

E-N-COUNTER-X

European Network to *Counter* Terrorism and Hybrid Threats

- **Dr. Giray SADIK**, Associate Professor & Vice Chair, IR-dept. AYBU
Partner of ANAMER, **Jean Monnet EU Center of Excellence @ AYBU**
Department of International Relations (IR), AYBU
AYBU: Ankara Yildirim Beyazit University, TURKEY

Team Europe Expert, Network created by EU Delegation to Turkey

Email: gsadik@aybu.edu.tr & girayuga@gmail.com

- Role: *<Co-Coordinator, Project Partner, WP leader>*
- **Proposal activity**: SU-GM01-2018-2019-2020:

Pan-European networks of practitioners and other actors in the field of security

«In 2019, proposals are invited in two specific areas of specialization: the protection of public figures; the handling of **hybrid threats**.»

E-N-COUNTER-X

Hybrid Threats and the 3-X of the project, 3-crossings of:

Borders: Cross-border, Transnational, EU+...

Sectors: Political, Military, Economic, Societal...

Multi-faceted ENCOUNTERs... must be addressed via
Interdisciplinary Expertise in Academy, Practice, Policymaking, NGOs

- Gathering **CT-experts with cross-border & cross-sectoral**
- Intra-EU + NATO, OSCE, regional partnerships...
- Long-term **capacity-building**, expert databases & networks
- Cross-sectoral collaboration: AI in CT, border-security, CVE
- Paving the way for Counter: T&HT-Epistemic Communities
- Combining scholarly insights with experience and feedback of **practitioners (end-users) in EU and partners...**

Project Participants (tentative)

Partnership Request & Expertise Offer

Proposed Coordinator: AYBU (Dr. Giray SADIK) & EU-Co.Coor?

Partners / Other participants:

- ✓ *1 from TR Academy: CT, Hybrid Threats, CFSP, NATO*
- ✓ *1 from Italy : CT, Peace Research, Refugees*
- ✓ *1 from Switzerland: Organized Crime, Negotiation*

Looking for partners with the following expertise and background in:

- ❖ **Academy:** *IR-Security Studies, CT & Sociology: Social Work, CVE*
- ❖ **Policymaking:** *Security Sector Governance, Reform, CT&hybrid*
- ❖ **Practitioners:** *Military, Police, CT-ops. End-User practices...*
- ❖ **IO-experts:** *OSCE, NATO training at NDC (Rome), NATO-CoEs*
- ❖ **Int.l Coop. Think-Tanks:** *Hybrid-CoE (Helsinki), GCSP (Geneva)*

SU-GM01-2018

- *Dr. Sheryl Lynch*
- *Sheryl.lynch@futureanalytics.ie*
- *Future Analytics Consulting Ltd., Dublin, Ireland.*
- *Role: Proposal Partner, Work package Leader*

- Proposal activity: SU-GM01-2018-2019-2020: Pan-European networks of practitioners and other actors in the field of security
- *[2019-2020] Practitioners (end-users)*

Proposal idea/content

- FAC can work with Practitioners (end-users) by managing stakeholder consultations within the consortium
- We have experience in M&E, placing us well to **monitor research and innovation projects** with a view to recommending the uptake or the industrialisation of results
- FAC can also produce reports highlighting the innovations that could fill capability and other gaps and improve their future performance
- Drawing from previous H2020, FAC can highlight priorities as regards areas requiring more standardisation. Opinions expressed and reported by the networks of practitioners should be checked against what can be reasonably expected, and according to which timetable, from providers of innovative solutions
- Specifically, our security and resilience research would facilitate a consortium focusing on the handling of hybrid threats.

Project participants

- Proposed coordinator: Future Analytics Consulting
- Looking for partners with the following expertise/ technology/ application field:
 - EU wide academic researchers
 - EDA and CBRN-E
 - EU wide law enforcement and security agencies
 - Risk Management NGOs
 - Established bodies concerned with Crises Management
 - Engineering (Including civil, geo-spatial and systems engineering specialisations)
 - Risk Management Specialists
 - Energy and Infrastructure Specialists
 - Local and Regional Authorities
 - Representatives from key citizen groups