



## **FIGHTING CRIME AND TERRORISM**

### **PITCH SESSION**

**Paris, 2<sup>nd</sup> of October 2018**





# SPP - Organization Presentation



- **Location:** *ROMANIA, Bucharest*
- **Tasks:** *According to the regulations in force, **Protection and Guard Service** (SPP) is a state body, with tasks in the field of national security, specialized in providing protection for the Romanian dignitaries as well as the foreign ones, during their stay in Romania. It also provides security for the dignitaries, families, within the boundaries of legal competence and provides guard for the headquarters and residences of the above-mentioned dignitaries in accordance with the decisions of the Supreme Council of National Defence.*
- **Experience:** (in collaborative research projects)
- *participant in **6 ongoing projects** financed by European Union's Horizon 2020 research and innovation programme;*
- *beneficiary public authority in **2 ongoing projects** financed by Romanian Government research grants;*
- **Experience:** (in external operational activities)
- *Throughout the years, over 30 SPP teams provided protection services for UN high officials in theatres of operations such as Afghanistan, Sudan, South Sudan, Syria and Central African Republic successfully completing each and every of these missions;*





# SPP - Organisation Presentation



- **Experience:** (in training activities)
- *SPP owns the Centre of Excellence for Protection and Security, where the UN security personnel can attend close protection training programs which are carried out in accordance with all applicable standards and procedures of safety and security of the United Nations.*
- *At their request, the Protection and Guard Service trained until now, the protection and guard personnel from different countries, and also organized training sessions for certain structures of the national system of defence, public order and national security.*
- **Partnerships:**
- *The Protection and Guard Service is an active member of **ENPPF** (European Network for the Protection of Public Figures) and **APPS** (Association of Personal Protection Services).*
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# Targeted Topic



SU-GM01-2019

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

**Specific Challenge:** In Europe, practitioners interested in the uptake of security research and innovation are dedicated to performing their duty and are focused on their tasks. In general, however, practitioner organisations have little scope to free workforces from daily operations in order to allocate time and resources to monitor innovation and research that could be useful to them. They have few opportunities to interact with academia or with industry on such issues. All stakeholders – public services, industry, academia – including those who participate in the Security Advisory Group, recognize this as an issue.

**Practitioners (end-users) in the same discipline** and from across Europe are invited to get together:

- 1) **to monitor research and innovation projects** with a view to recommending the uptake or the industrialisation of results;
- 2) **to express common requirements** as regards innovations that could fill capability and other gaps and improve their future performance;
- 3) **to indicate priorities** as regards areas requiring more standardisation.

**In 2019**, proposals are invited in two specific areas of specialisation: **the protection of public figures** and the handling of hybrid threats.





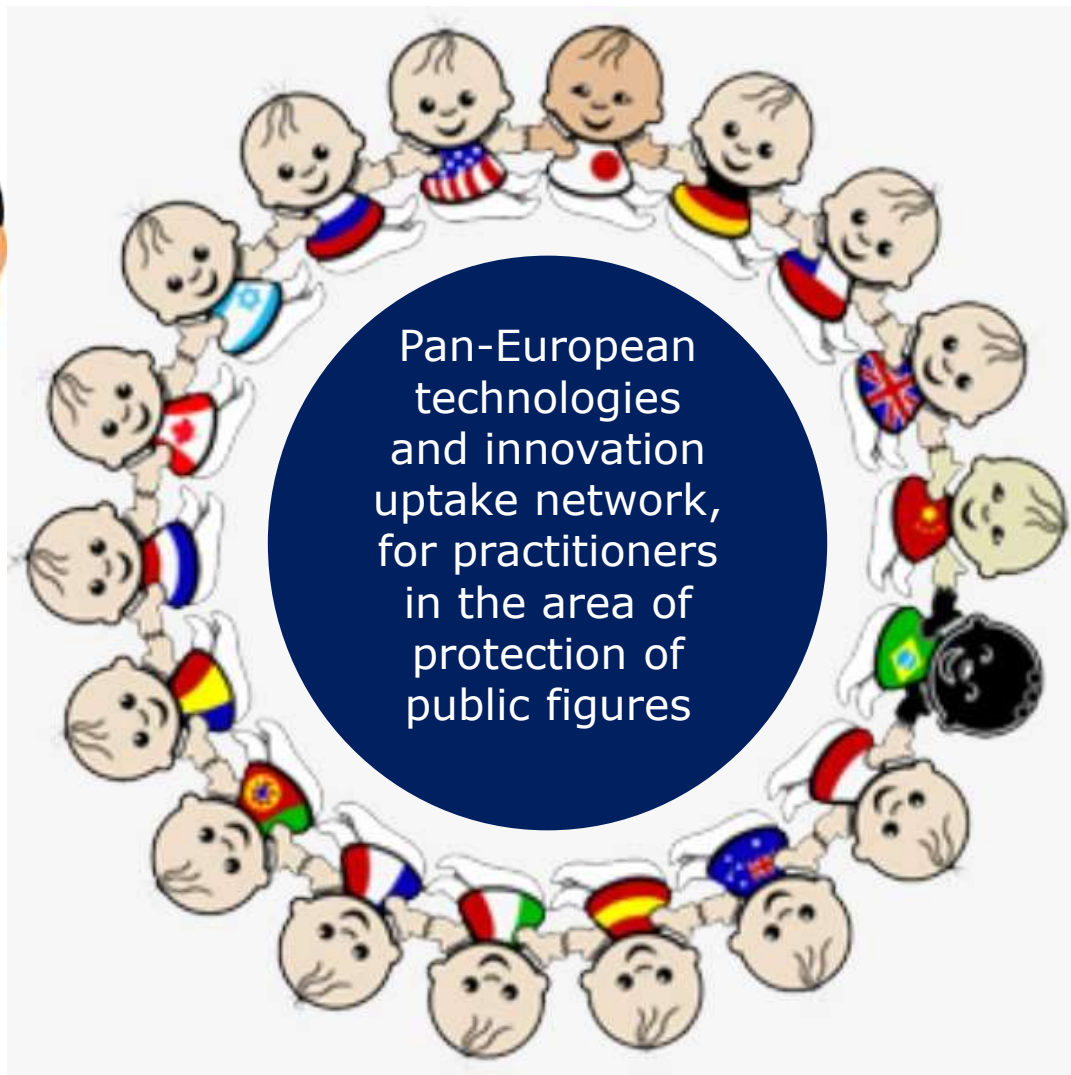
# Operational Needs



- **End-users:** independent public bodies/organizations specialized in providing protection for public figures;
- **End-users:** departments/structures within the interior ministries (EU and Associated countries), specialized in providing protection for public figures;
- **Public bodies:** standardization, policy makers;
- **SME partners:** innovation clusters, technology scouting, competitive technology intelligence and forecasting, dissemination, consultancy, ethics;
- **Academic partners:** scientific research, training, ethics, dissemination;



# Project Idea



European Member States are at different levels of economic development, with a strong impact in research and innovation for security.

Nevertheless, in every single country there are areas of excellence and expertise that could prove to be the critical factor to solve the challenges of today for the rest of EU Member States and EU as a whole.



*The upcoming paradigm shift is not just a technological revolution. It's an evolutionary revolution. It's the biggest shift in human evolution since the dawn of time that will change who we are as a species for good.*



*Recent global events and the world wide economy downturn have caused an ever increasing threat from terrorism, radicalism, criminal gangs and on occasions from what appear to be the general public. The need for protection of public figures is paramount, especially when dealing with such threats.*



Following recent tragic events, materialized by terrorist attacks and proven security gaps in Europe, **a more optimistic outlook for the future security** of Europe has emerged. To ensure that future R&I developments delivers on the expectations of society, all stakeholders need to **collectively address** the underlying concerns, review current status, assumptions and develop concepts for a secure, future-oriented Europe in the context of **fight against crime and terrorism**.

Threats derive from the combination of capabilities and motivation to engage in harmful activities and the technology influences both capabilities and motivations. In relatively few short years, technology has advanced by leaps and bounds, **changing the security challenges and types of threats**, but also the needs and ways for LEAs to act. **Technological advancements are changing the society but law enforcement agencies too**. The way some technology brings people together (GPS, computers, smart phones, social media, biological engineering, etc.), trying to reach the expectations of the society, it also offers more tools to enable people to harm each other, then in the past.





## Security by technology

In the age of communication, social media and artificial intelligence, the end-users have little scope to free workforces from daily operations in order to allocate time and resources to monitor innovation and research that could be useful to them and are bombarded with lots of information through various channels. The main challenge these days is not only to collect the most relevant information but also to analyse it and convert it into useful insights so that a reliable and fast decision making can be performed.



The technological world is becoming so dynamic that a particular technology which is used in a certain industry for a particular application can easily be used in another industry for a different application.

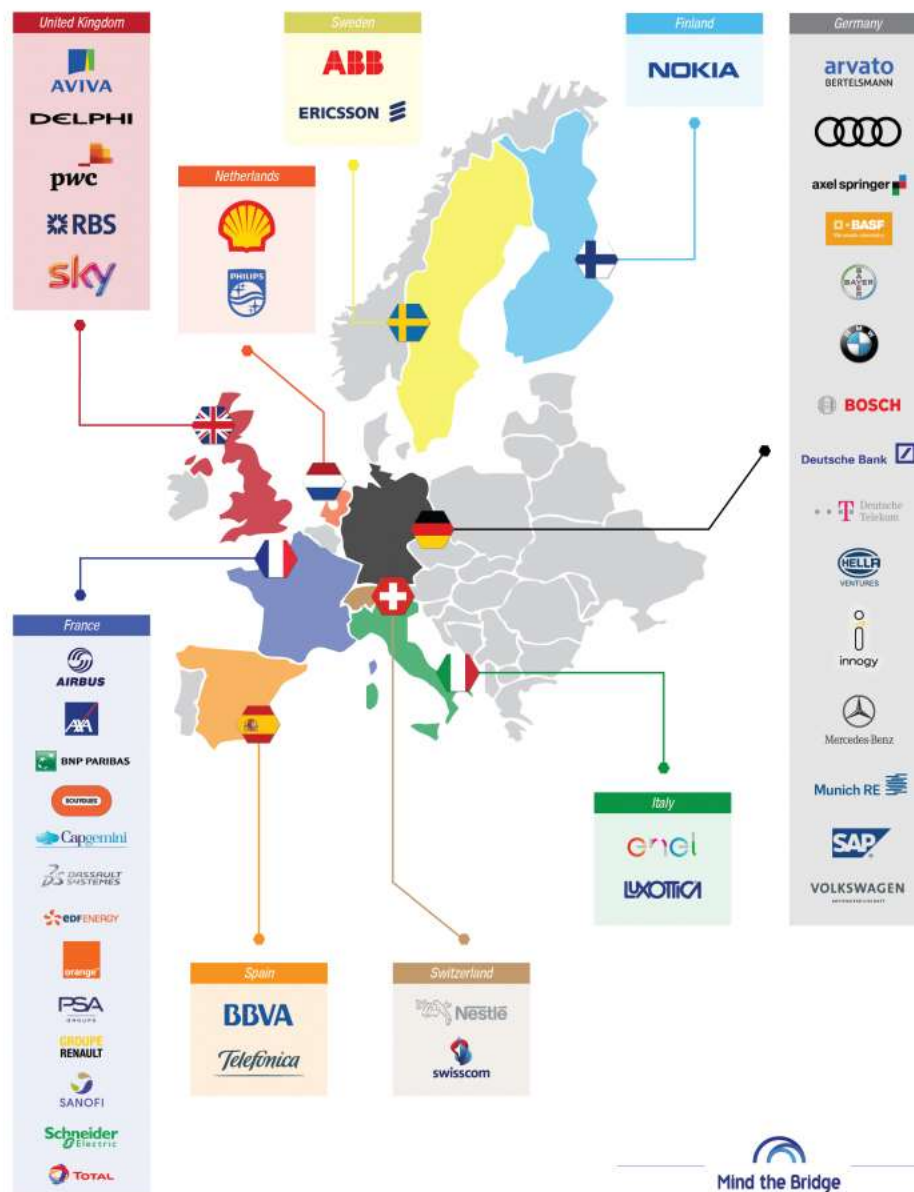
**“Technology Scouting”** - finding such a technology out and making sure that it fits to some specific requirements and application. Technology Scouting **is vital for any organization** to innovate and have a full overview of what new technologies are out there and how these can be integrated into existing systems, products or work procedures.



# Project Idea



**The main goal** is to provide public figures protection organizations with tailor made information about the technological environment and trends, so that they can make quick decisions, stay ahead of threats, have complete knowledge about their challenges and ultimately counter the new emerging threats with new tools and technologies.



Horizon 2020



# Project Idea



## **Technology domains addressing the needs of practitioners in the area of protection of public figures:**

- Unmanned vehicles and swarms of robots;
- Countering of drones threats;
- Intelligent transportation systems;
- Physical protection means and systems;
- Internet of Things mesh networks and sensors;
- CBRNe sensors, equipment and integrated solutions;
- Big Data;
- OSINT, SOCMINT, SIGINT tools;
- Communications (voice, data, satellite);
- Distributed Ledger Technologies;
- Video analytics: face, gestures and object recognition;
- Mixed reality (augmented and virtual);
- New tailored training solutions;
- Neuro-informatics (psychological assessment and monitoring);
- Smart buildings and critical infrastructure protection;
- Cybersecurity;





*Semper fidelis*

***Thank You!***

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