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**NITEC:∞**

NCI Agency Industry Conference and AFCEA TechNet International

# Not-For-Profit Framework (NFPP)

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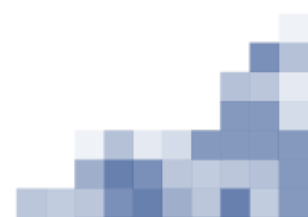
Peter Lenk, Chief Service Strategy and Innovation





# Objectives Of The Workshop

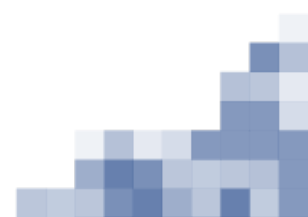
- To present the Not-For-Profit Framework (NFPF) to Not-For-Profit (NFP) Organizations
- To seek information on NFP Organizations skillsets and expertise
- To inform possible 2019 working areas to be outsourced to NFP Organizations
- To seek feedback from NFP Organizations





# Cooperation Up To Date

- Framework Agreements with:
  - Universidade Catolica Portuguesa (UCP), Portugal
  - Consorzio Nazionale Interuniversitario per le Telecomunicazioni (CNIT), Italy
  - Fraunhofer (FKIE), Germany
  - MITRE, United States of America
  - Consorzio Nazionale per I Trasporti e la Logistica (NITEL), Italy
  - Istituto Superiore Mario Boella (ISMB), Italy
  - Scientific and Technological Research Council of Turkey (TUBITAK), Turkey
  - Bulgarian Academy of Sciences (BAS), Bulgaria





# Problem statement

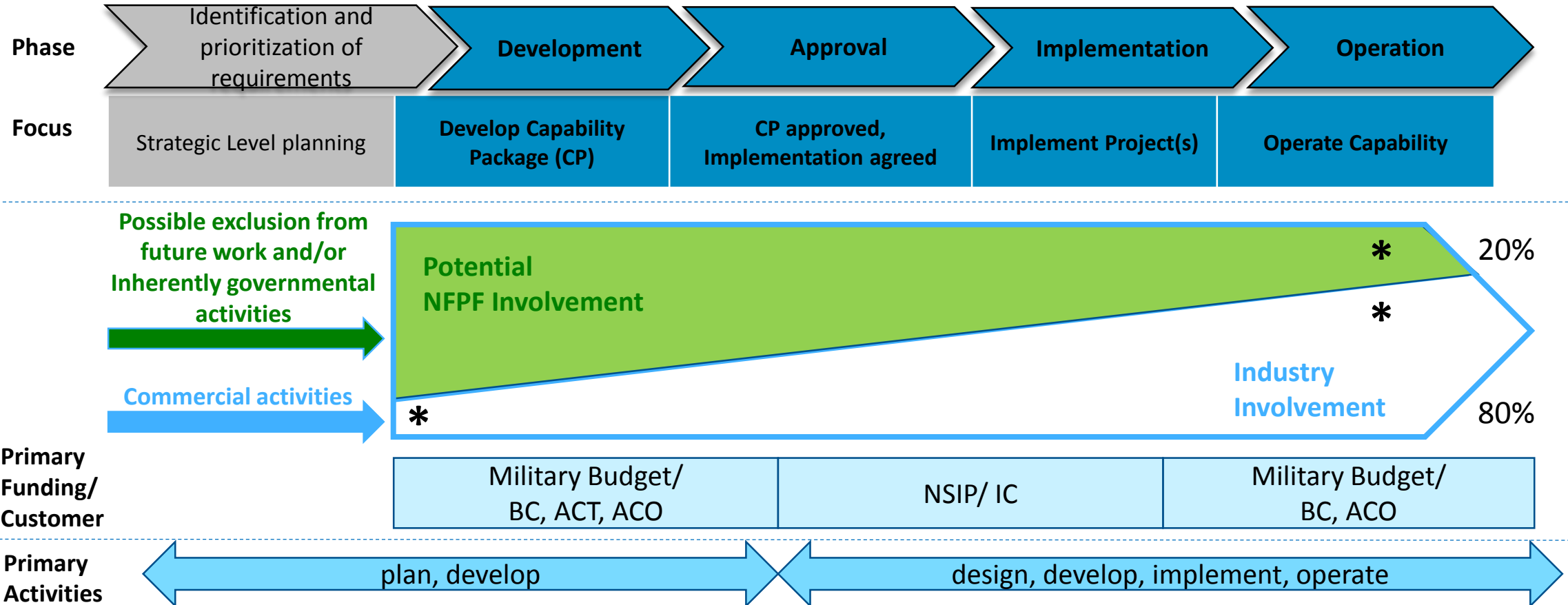
Establish NCI Agency framework for cooperation  
with **Not-for-Profit organizations**,  
along the **NATO Capability Development** process  
and in compliancy with the  
**NATO Financial and Procurement Regulations.**



# Sourcing Criteria

- Early stages of the life-cycle where the understanding of the concepts and benefits are being explored nationally, but industry has not yet made investments to build capacity / expertise in the field;
- Support of the ACT, C3B or similar Programmes of Work, where the Agency can benefit from specialized unbiased knowledge and experience extant in NFP type organisations;
- Support of the development of contractual documents, such as statements of work, etc., where use of a commercial entity might be perceived to bias the resulting documents, even if exclusion clauses are included to avoid future conflicts of interest;
- Augmentation of project teams with specialized knowledge or capacity during the execution of NSIP or MB projects, where use of commercial entities may not be appropriate; and
- Demonstrably unbiased support is required

# NFPF Contribution To NATO Capability Development Process





# Categories Of Skills

- Strategy and architecture
- Business change
- Solution development and implementation
- Service management
- Procurement and management support
- Client interface

# Applicable NATO Financial Regulations Procurement Thresholds

EFL Thresholds	Authorised Procurement Venue	Bidding Requirement
< €500	Petty Cash	Single Source
< €3K	Purchase Cards	
< €20K	Simplified Orders* Advertising not required	
≥ €20K < €40K	Simplified Orders Fast Track Source Selection Advertised when practical on Agency Website	3 Tender
≥ €40K < €160K	Simplified Orders Fast Track Source Selection Advertised when practical on Agency Website	5 Tender
> €160K	ICB Advertised on Agency Website	Formal Procurement Full and Open Competition
> €800K		

\* Purchase Orders, BPAs, CPAs



# Potential Work Areas - 2019

Topic	Key technology skills areas	Potential value EUR
Analysis and labelling of legacy data	Machine learning: natural language processing, link discovery, entity extraction	100K
Automated sensitivity labelling of information	Machine learning: natural language processing	20K
Cyber operations: analysis of functions to capability mapping	Cyber operations	50K
Stanag 5066 reference	GNU radio implementation	50-80K
Wireless scanning for unauthorised IoT devices study	Low-power spectrum monitoring; IoT, LoRa specs etc	20K
Scanning networks with unknown address spaces	IPv6 vulnerabilities	60K
Data centric security concept study	Data security, information security and information management concepts	20K
Emerging techniques for threat hunting	Techniques to hunt and detect cyber threats	20K
Narrow Band Wave Form (NBWF) proof of concept	Software defined radio (Universal Software Radio Peripheral - USRP) implementation	250K
Navigation Warfare (NAVWAR) investigation	Advanced techniques against Global Navigation Satellite Services	50-80K
Robust Navigation systems	Study concepts to integrate GNSS and related technologies to increase robustness of Navigation and localization systems	50-80K
Multi constellation GNSS receivers	Study of combining commercial and military Global Navigation Satellite System (GNSS)	50K