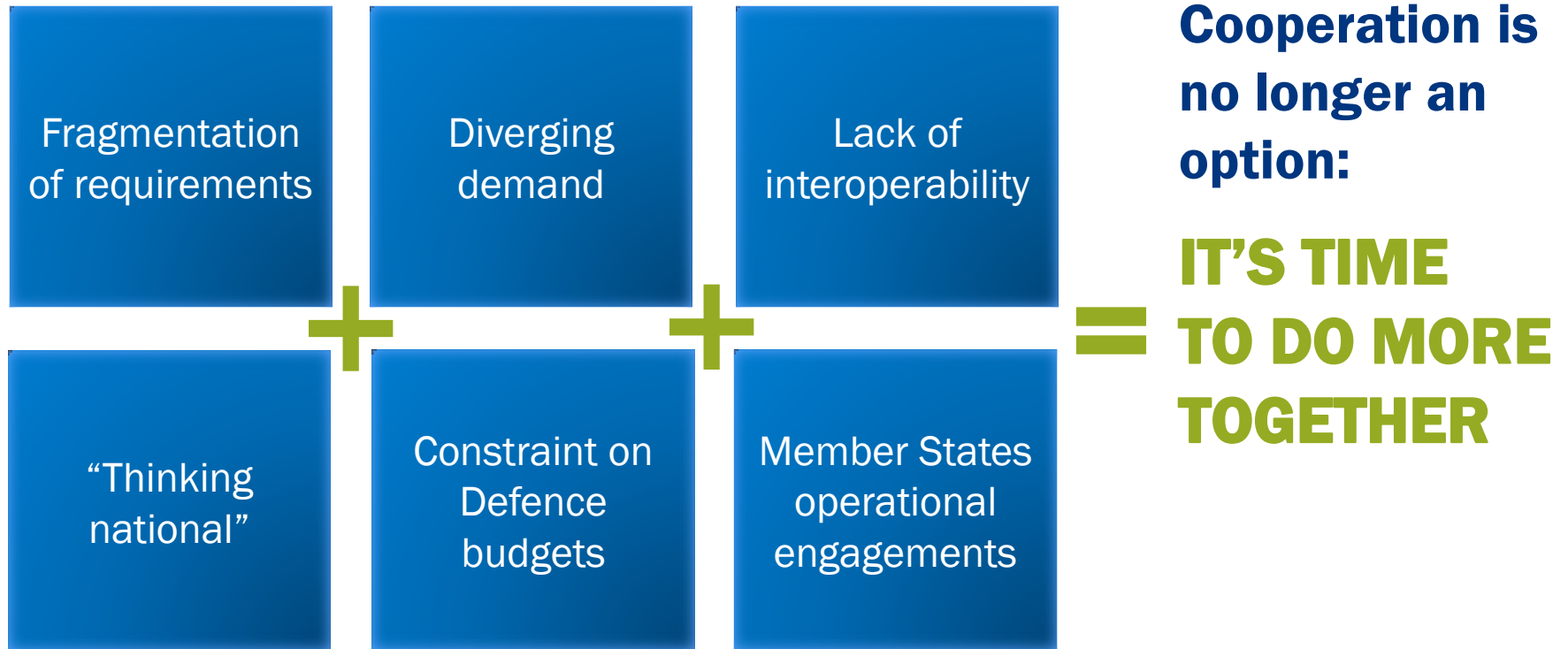




Options for Civil-Military Cyber Defence Training & Exercise Cooperation

EDA Genesis and Rationale



A catalyst: from Member States to Member States



Catherine Ashton
Head of the Agency

Claude-France Arnould,
Chief Executive

“The place to go”

for European Defence Capabilities & Cooperation

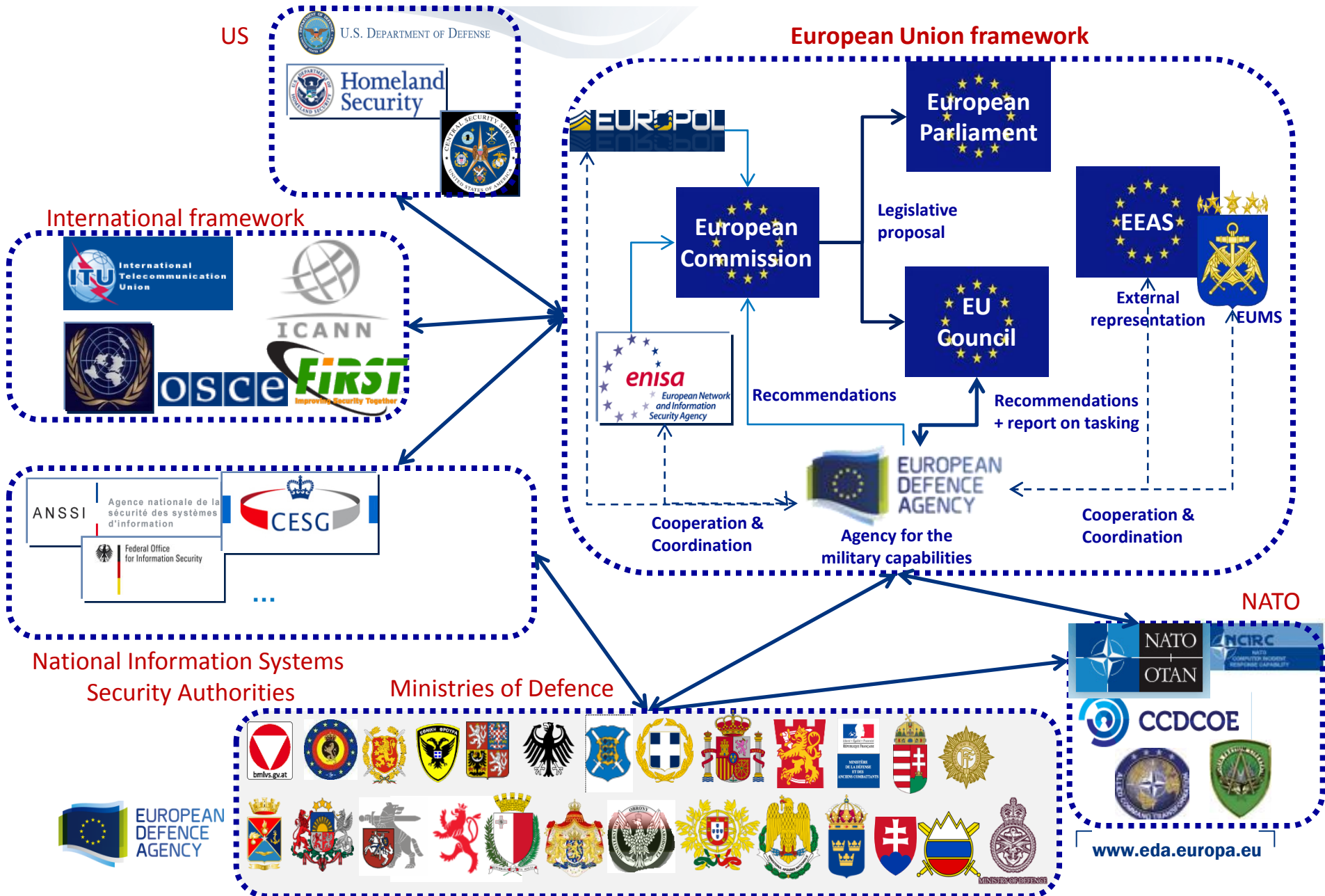
- Improving Europe’s defence performance
- The only one whose Steering Board meets at the level of Defence Ministers
- Structure totally unique
- Flexibility = tool at service of Member States
- Head of the Agency = Catherine Ashton
- Chief Executive = Claude-France Arnould
- 26 Member States (all EU except Denmark)
+ Norway & Switzerland
- ~120 staff members

EDA Mission



**... to support
the Council and the Member
States in their effort to improve
the European Union's defence
capabilities for the Common
Security and Defence Policy.**

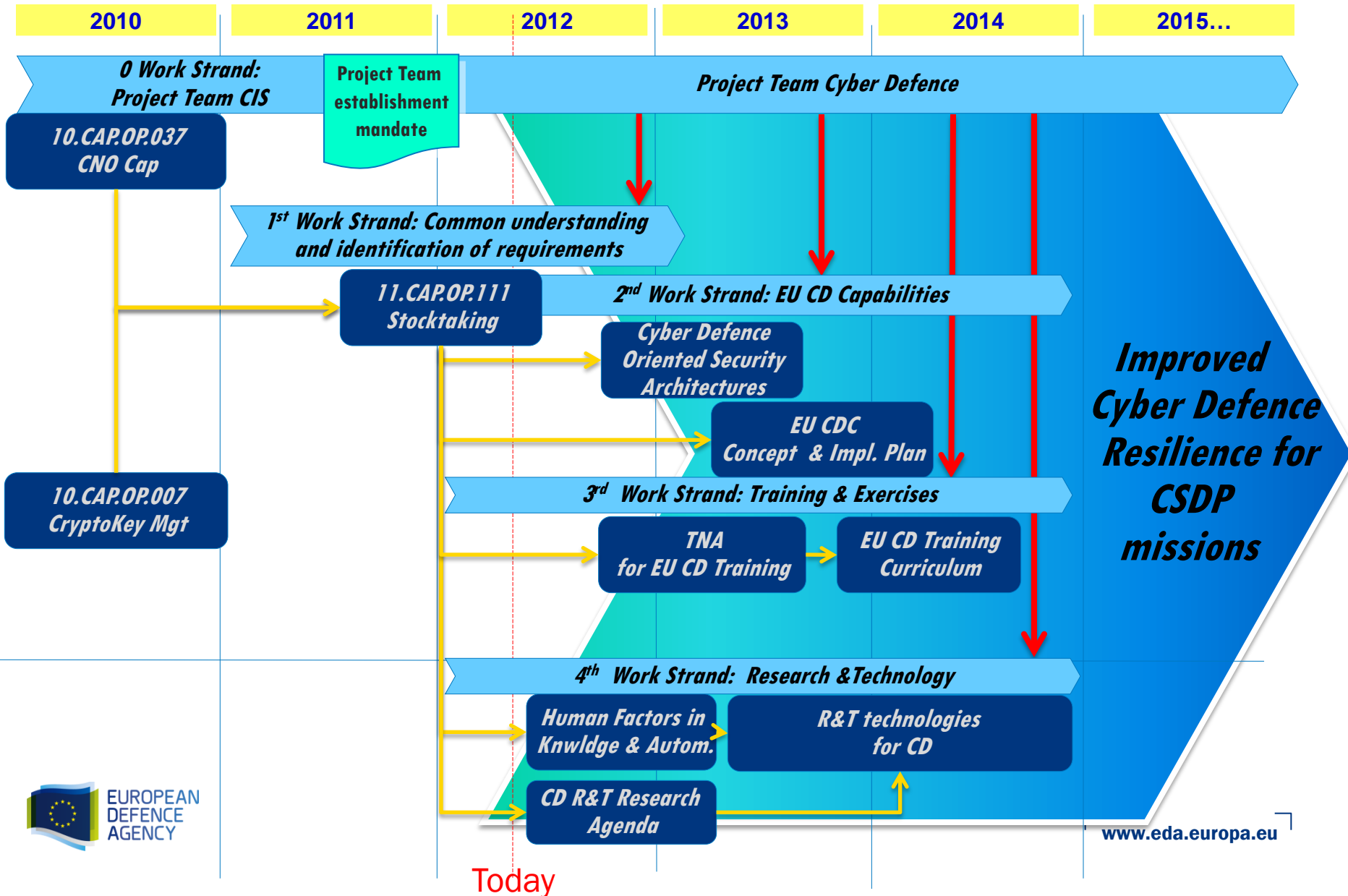
Cyber community map



EDA's Role in Cyber Defence

- Encourage multinational cyber defence projects, such as **joint exercises** or possible cyber defence burden-sharing activities through pooling & sharing.
- Improve the **efficiency** of resources and efforts.
- Provide Cyber Defence related expertise to other EDA projects.
- Enhance awareness of the on-going issues and participate in sharing of information and thus creating a Cyber community between pMS.
- Forum to discuss and exchange national views on Cyber Defence matters **with all relevant actors** and to feedback conclusions and recommendations derived from the attendance at other fora.

Cyber Defence study activities – Overview

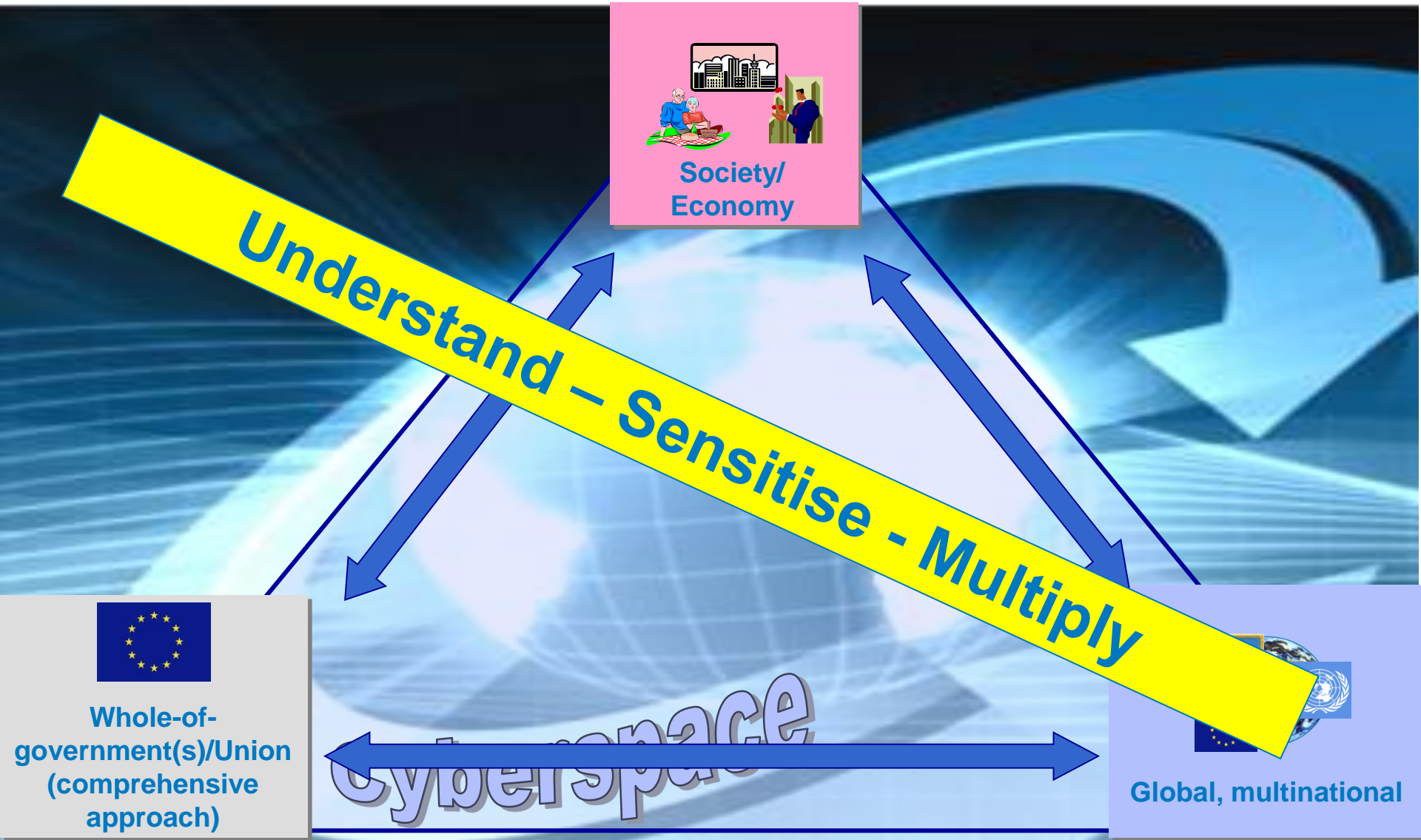


Generic Military Training & Exercise requirements : initial findings

- Procedural Training & Exercises
 - Decision Makers (strategic, operational & tactical level, dynamic risk management);
 - milCERT-Leaders (communication with decision makers);
 - milCERTs (CERT-internal procedures and communication with technical experts)
 - (govCERTs?).
- Technical Operator Training & Exercises
 - System and Network Administrators of military Information Infrastructures;
 - milCERTs;
 - (govCERTs?).
- User Training
 - General Awareness and Threat Awareness;
 - Recognition of malfunctions and potential incidents;
 - Reporting.

Aim: common military cyber defence culture and standards

Civil-Military Interdependencies



Potential areas for Civil-Military Cooperation on Training and Exercises

- Shared Risk Assessment
- Alignment of civil and military Cyber Training curricula
- Coordination of civil and military Cyber Training/Exercise schedules
- Participation of govCERTs (observer and/or active) in national and multinational military exercises with Cyber Threads
 - CCD COE exercise serials (Locked Shields 2012)
 - EU Multilayer Exercise serials
- Participation of military Command & Control structures and milCERTs (observer and/or active) in national and multinational civil crisis management exercises with Cyber Threads
 - E.g. DE LÜKEX serials
 - Cyber Europe serials
 - Cyber Atlantic serials
- Shared use of Training & Exercise Platforms





Thank you for your attention

Locked Shields 2012 (an Example)

