



Meet Challenges, Seize Opportunities, Anticipate the Future!

**# WeAreCMDRCOE**

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# NATO CENTRES OF EXCELLENCE (COE) - DEFINITION

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Centres of Excellence (COEs) are nationally or multi-nationally funded institutions that train and educate leaders and specialists from NATO member and partner countries, assist in doctrine development, identify lessons learned, improve interoperability, and capabilities and test and validate concepts through experimentation. COEs are not part of the NATO Command Structure (NCS), but form part of the wider framework supporting NATO Command Arrangements (NCA). (MCM-236-03)





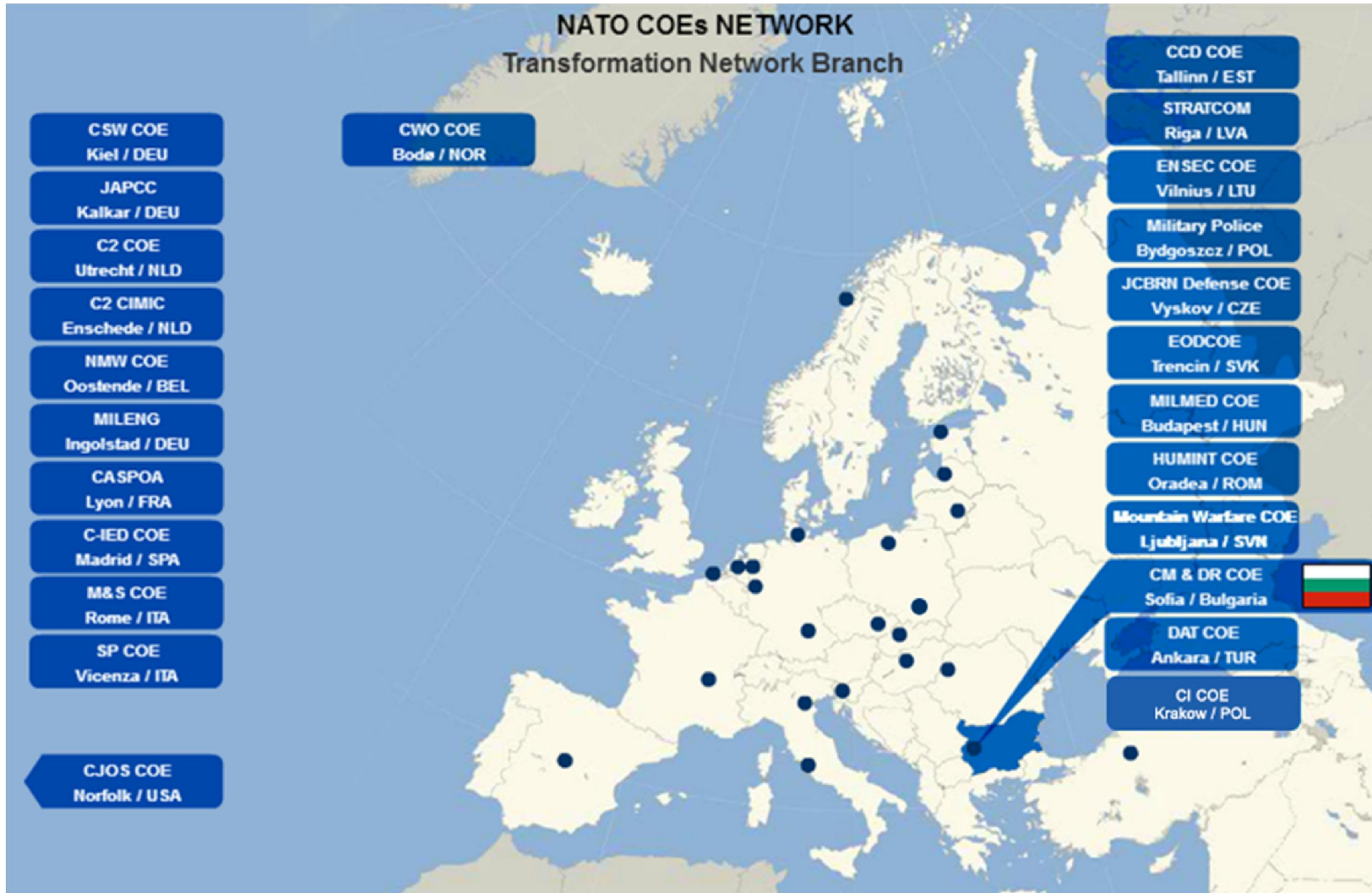
# NATO COE – GUIDING PRINCIPLES





# NATO COEs – LOCATIONS

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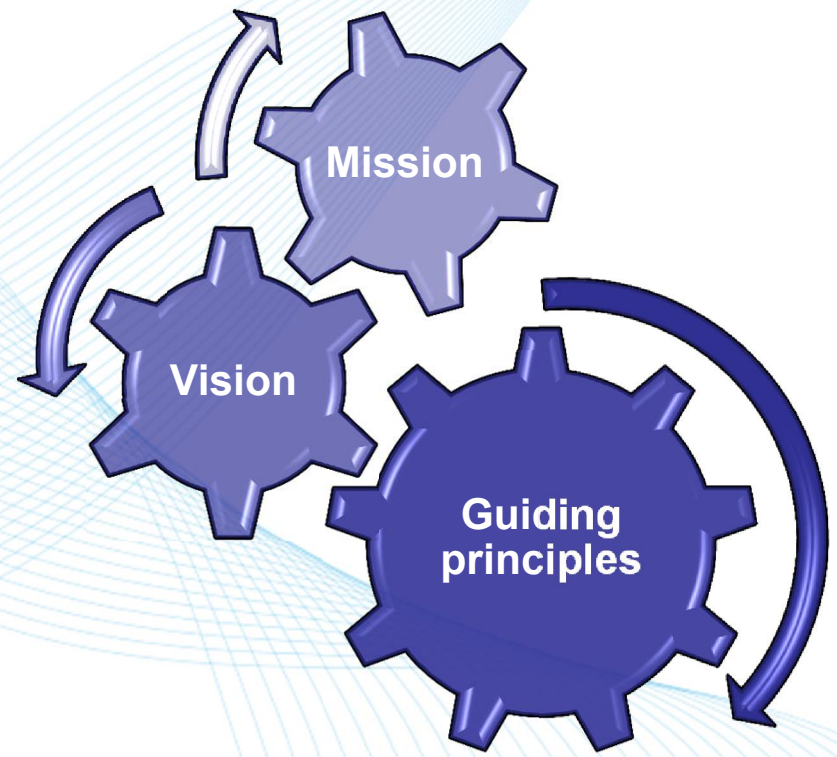


# CMDR COE At a Glance



Meet Challenges, Seize Opportunities, Anticipate the Future!

- Host Nation → Republic of Bulgaria
- Crisis Management and Disaster Response Centre of Excellence (CMDR COE)





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**TO BECOME AN INTERNATIONALLY RECOGNIZED NATO CMDR EXPERT, WHICH CONTRIBUTES SIGNIFICANTLY TO RESEARCH, BUILDING AND DEVELOPMENT OF NATO, NATIONS AND PARTNERS' CRISIS MANAGEMENT AND DISASTER RESPONSE MILITARY AND CIVILIAN CAPABILITIES**

**VISION**

**PRODUCTS**

- COURSES
- WORKSHOPS
- SEMINARS
- STRATEGIC DOCUMENTS
- RESEARCHES
- KEY STUDIES
- ANALYSES
- MEDIA PRODUCTS

**MISSION**



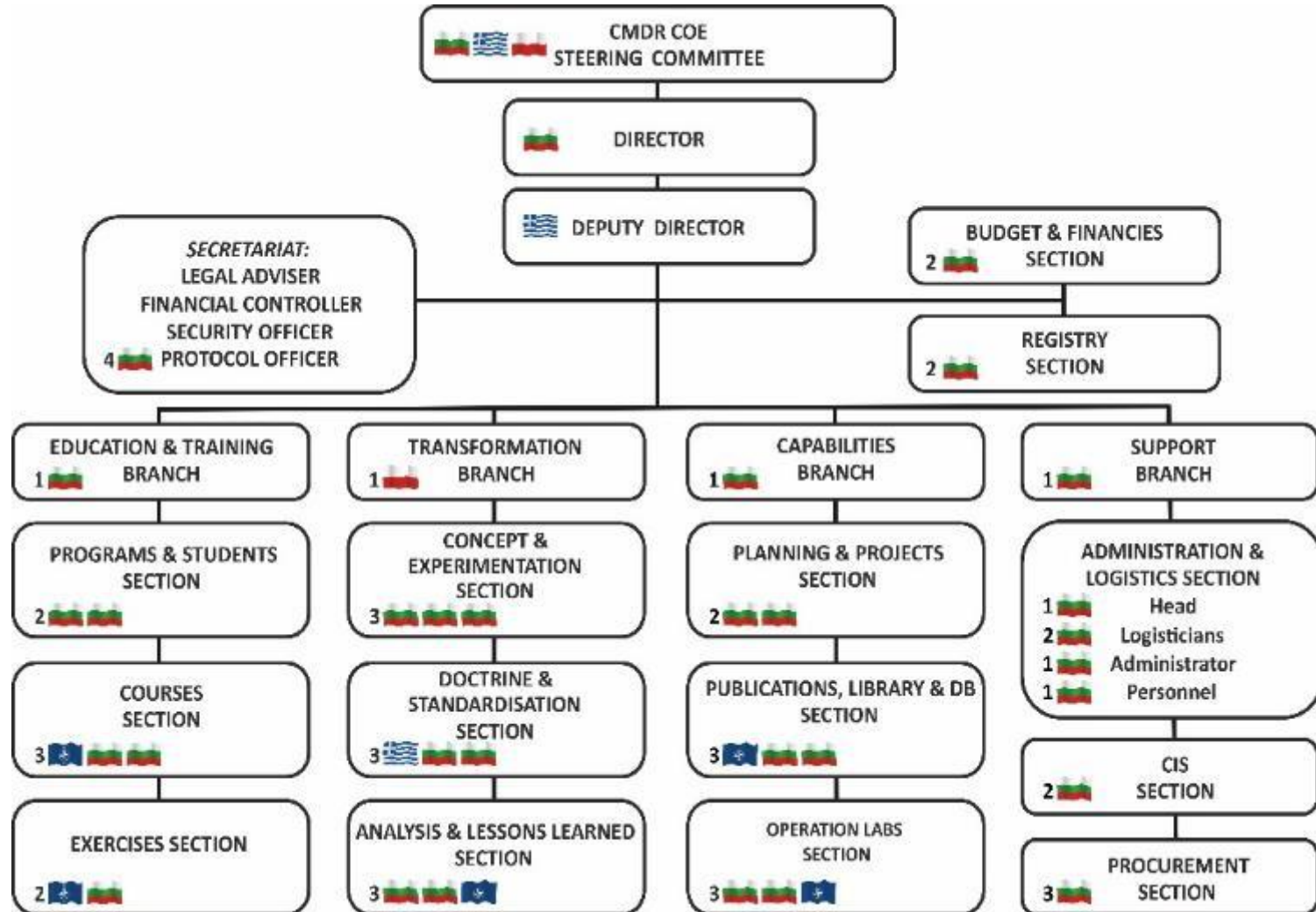
**TO ACT AS THE CATALYST FOR IMPROVEMENT OF NATO, NATIONS AND PARTNERS CAPABILITIES FOR CRISIS MANAGEMENT AND DISASTER RESPONSE THROUGH COLLABORATIVE PARTNERSHIPS**

**MISSION**



# CMDR COE ORGANISATION CHART

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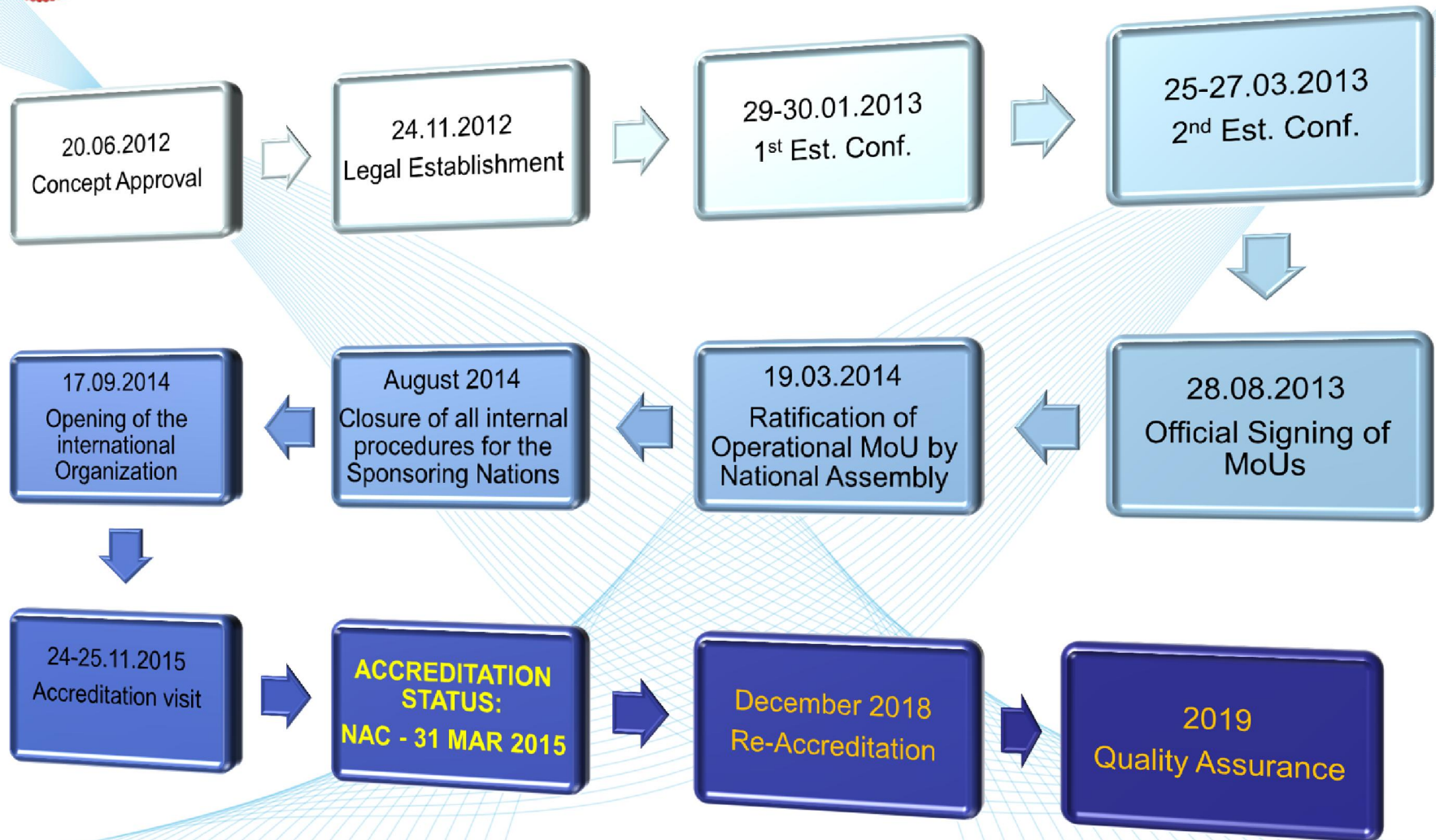






# MAIN STEPS IN CMDR COE ESTABLISHMENT

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# COOPERATION & PARTNERSHIP

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## International Level

## National Level





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**Crisis Management and Disaster Response Course - NATO Selected / NATO ETOC Code: ETE-CM-21784**



**Disaster Management Course - NATO ETOC Code: ETE-CM-22007**



**Crisis Management and Disaster Response Exercise Planners Training Course - NATO Selected / NATO ETOC Code: ETE-CM-21785**



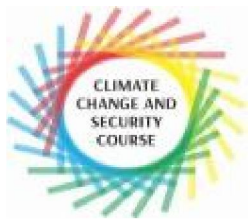
**Strategic Decision Making for Crisis Response Operations Course - NATO Selected / NATO ETOC Code: ETE-CM-41879**



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***Lessons Identified Conference for EADRCC Exercise "Bosna i Hercegovina 2017"***



***Climate change and Security Pilot Course - under the auspices of European Security and Defense College***



***Disaster Response Operations Course - CMDR COE Mobile Education and Training Team (METT), Larissa, Greece***



***CMDR COE Annual Conference Interagency Interaction & Security Capability Development***



## NATO Requests for Support

### SHAPE

- *SHAPE GENAD*
- *CIMIC/CMI Steering Committee (SC) & Working Groups*

### ACT

- *Support for Global Programming*
- *Framework for Future Alliance Operations (FFAO)*
- *Strategic Foresight Analysis (SFA)*
- *Lessons Learned Process*

### JFTC

- *Resolute Support Training Event 18 – 1,2,3,4 (RS TE)*



# 2018 PoW PROJECTS & REQUESTS FOR SUPPORT

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## PROJECTS

### ***M&S Support for Crisis and Disaster Management Processes and Climate Change Implications (MSG-147)***

**Aim** - to develop a reference architecture and demonstrate a technical platform that enables prompt, reasonable and effective tests of Crisis/Disaster and Climate Change Implication (CCI) Response plans. The development includes researches, theory and concept creation, standardization and interoperability improvements.

**Disaster Module** – software application industrialising the CMDR COE staff ideas and concepts. It acts as a bridge, running different interfaces, which is a specific technical task and at the same time it operates disaster modelling engine and even has layered the base of artificial intelligence for Dynamic Response Plan Generation.



*The development team is focused on industrialisation of standard solutions, operable and compatible with the NATO software environment. As a result of these efforts we can see the federation creation of MASA SWORD, KORA and DM*



# 2018 PoW ... REQUESTS FOR SUPPORT

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## Framework/Sponsoring Nations RfS

- **CMX 19** - designed to practice the Alliance's crisis management procedures and systems at all levels, particularly decision-making at the strategic political-military level.
- **Training on NCRS/CRMS** – NATO Crisis Response System Course for national administration experts
- **Discipline leader for the discipline Military Contribution to European Union Disaster Response, Humanitarian Assistance and Civil Protection** - to map all the discipline requirements, the E&T opportunities which are currently offered, in order to identify possible training gaps and appropriate corrective measures to the benefit of both military and civilian CSDP missions and operations.





# IMPLEMENTATION OF 2018 CMDR COE POW

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- **13th NATO Computer Assisted Exercise Forum (NATO CAX FORUM 2018)**



Focused mainly on technical items and operating procedures related to simulation-based exercises and training support, in order to promote the exchange of information and best practices among the Staffs of NATO and National simulation/training centres.

- **COE CD&E Annual Conference & Working Group**



CD&E Annual Conference provides a unique opportunity for the international CD&E community and stakeholders to discuss the most current issues of CD&E in the process of capability development.

30 Oct - 01 Nov 2018, Washington, USA





# 2018 PoW EXERCISES

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- *Trident Juncture 2018 (TRJT18) – SME on request*
- *Computer Assisted Exercise (CAX) VIKING 18*
- *EADRCC Exercise “SRBIJA 2018”*
- *Resolute Support 18 Training Events*



## WORKSHOPS

### ***Collaborative Resilience (CoRe) Concept development WS***

CoRe military concept is focused on the enablement and sustainment of military activity, within the overall bounds of helping to enhance Alliance Resilience. CMDR COE provided SME in support of the concept development activities according to the agreed Action plan and as well as hosting the CoRe Concept Development Workshop.



### ***NATO Stability Policing Capability in Emerging Security Challenges***

Provides the overarching framework and guidance that leads to a NATO capability development in support of Stability Policing.

### ***2018 NATO Legal Practitioners' Workshop***

Aim: to establish a forum for exchanging best practices and lessons learned regarding legal and financial aspects concerning administration and operations of COEs.



## ANALYSIS

- ***Review Monthly Smart Defense Project Reports***

To assess the monthly smart defense reports in order to identify opportunities to support or participate in projects relative to the COE's functional capability area.

- ***Consequence Management Exercise / Lessons Learned process***

- To conduct and develop common events as well projects and involvement of SMEs from CMDR and EADRCC;
- Conduct Analysis Reports in the JALLC area of expertise.

- ***Cooperation with Mittler Report Magazine***

The Mittler Report Magazine is specialised on military and defence matters and on promoting innovative technological solutions.

Outcome - an article promoting the work and products of the CMDR COE.



## NATO structures RfS (a total of 20)

### HQ SACT

- *SACT HQ Delegated Tasking Authority*
- *Long Term Military Transformation -SFA/FFAO*
- *NDPP Step 2 - Determine Requirements*
- *Online Collaboration Capability*
- *Lessons Learned Process*
- *NATO COEs Federated Approach.*
- *Building Societal Resilience concept development project*
- *Concept Development & Experimentation Campaign*



## NATO structures RfS

### **NATO HQ**

- *Curriculum Review*
- *Consequence Management Exercises*
- *Development of Resource Library*

### **STO/NATO M&S Group**

- *Task-Group NMSG-147 / NMSG-163 / New NMSG Task-Groups*

### **JALLC**

- *SME support for Joint Analysis Projects*

### **JFTC (TRG DIV)**

- *Resolute Support Training Event 19 (RS TE)*

### **SHAPE**

- *Non-kinetic functional area synchronization*
- *Integration of gender perspective into the existing curricula where and when appropriate Community of Interest on Gender*
- *CIMIC/CMI Working Groups (WG)*
- *CIMIC/CMI Community of Interest*



## Framework / Sponsor Nations RfS (a total of 15)

### **BGR MOD**

- *Gender Train of Trainers (ToT) course*
- *Exercise Balkan Bridges 19 (also requested from JFTC)*
- *Training on the NCRS/CRMs for BGR experts from different ministries and agencies.*
- *NATO CMDR course for BGR personnel newly appointed to NATO positions*
- *Additional qualification for the militaries in CMDR area, before leaving the active duty*
- *Discipline leader in CSDP training for discipline Military Contribution to EU DR, HA and CP*
- *CMX 19 – FPC / Execution*
- *CMX 20 Planning conferences, i.e. IPC, MPC, ECC and FPC*
- *PACE 19/20*

### **Bulgarian Red Cross (BRC)**

- *Participation in exercises of the Bulgarian Red Cross with observers and analysts*

### **Bulgarian Academy of Science (BAS)**

- *Consolidating of the national expertise in CMDR area*

### **Mol - Police Academy**

- *2019 Civil Safety Conference*



# CMDR COE POW 2019

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## Courses

*Gender Focal Point in Crisis Management Course - Pilot Serial*

*19 – 23 February 2019*

*Crisis Management and Disaster Response Course - NATO SELECTED / ETE-CM-21784*

*18 – 22 March 2019*

*Climate Change and Security Course*

*15 – 19 April 2019*

*Disaster Management Course - NATO SELECTED / ETE-CM-22007*

*13 - 17 May 2019*

*CRO Planners Professional Development Course - NATO SELECTED / JPL-OP-31878*

*16 - 20 September 2019*

*CMDR Exercise Planners Training Course - NATO SELECTED / ETE-CM-21785*

*15 – 19 October 2019*

*Strategic Decision Making for CRO Course - NATO SELECTED / ETE-CM-41879*

*25 – 29 November 2019*

*NATO Building Resilience through Civil Preparedness Pilot Course - working name*

*09 – 13 December 2019*

## Other events

*EADRCC Lessons Identified Conference - January 2019*

*CONFERENCE: Interagency Interaction in Crisis Management & Disaster Response –*

*4 – 6 June 2019*



# CMDR COE STRATEGIC PERSPECTIVE

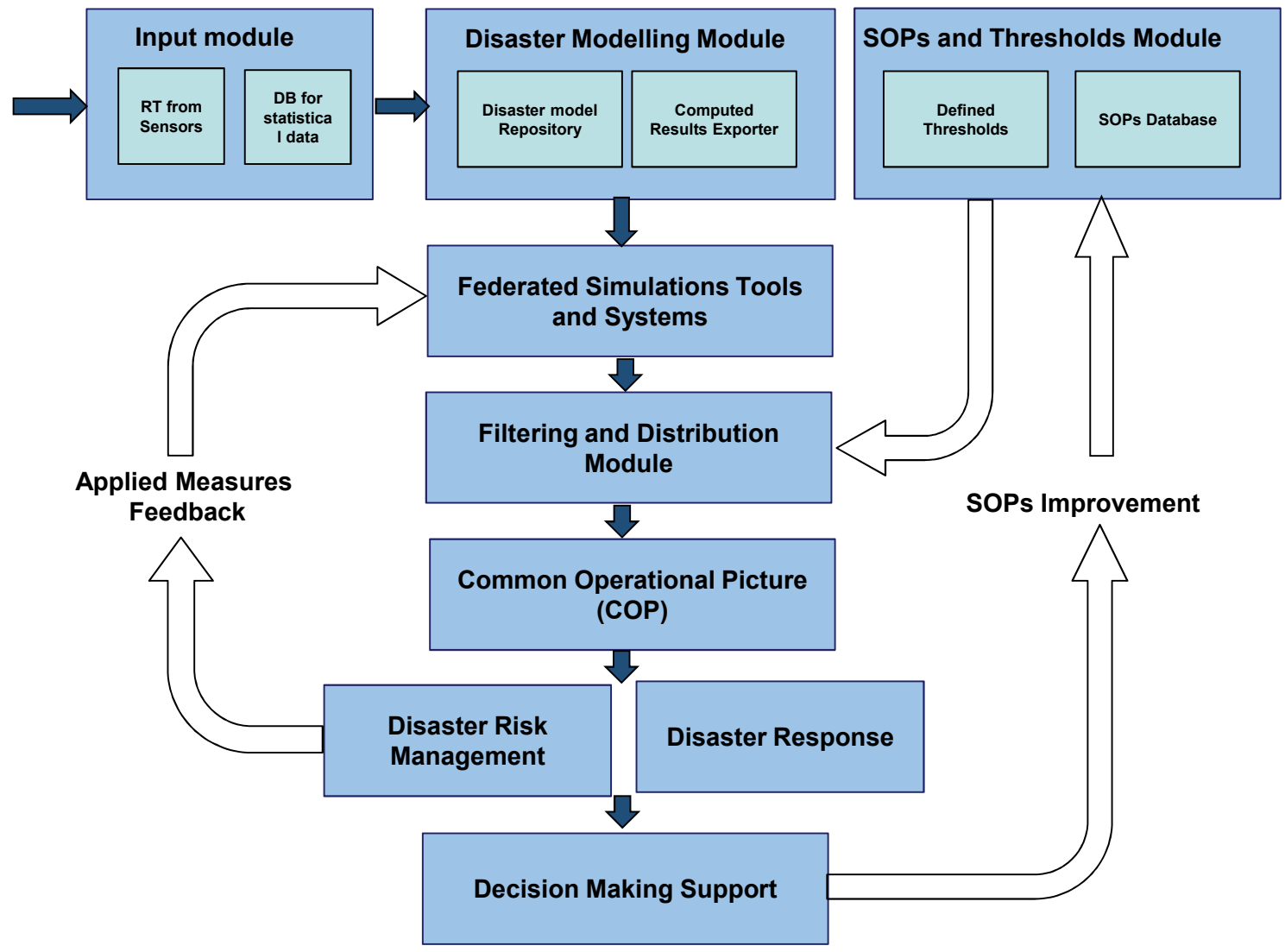
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- ✓ Attracting other sponsoring Nations (e.g. USA, ITA, HUN, ROU, DEU, NLD, GBR, FRA, SWE, AUT).
- ✓ Reconstruction of CMDR COE facilities in 2019.(May 2019)
- ✓ Achieving unconditional accreditation of CMDR COE - Quality assurance. (May 2019)
- ✓ Increased course offering in the partnership cooperation menu. Training and education capabilities development.
- ✓ Establishment of a unified network for the exchange of information and expertise between the existing COEs and structures.
- ✓ Experimentation & Testing Laboratory (e.g. Modeling and Simulation), connected with other training and education organizations in a common environment and providing a technical platform for carrying out exercises and training in the CMDR domain.





## CONCEPTUAL MODEL





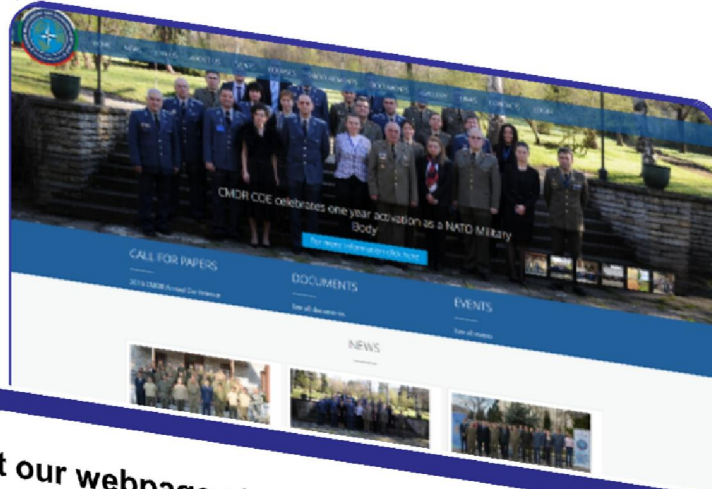
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# Thank You



# USEFUL LINKS

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- our Web page
- our Facebook page

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