DEVELOPMENT OF THE DETERRENT AND DEFENSE CAPACITY OF NATO IN EASTERN EUROPE: Approach to readiness and interoperabiltiy

Dr. Velizar Shalamanov

Bulgarian Academy of Sciences

&

Atlantic Council of Bulgaria

(Member of the NCOIC AC / Institutional Change Management Consultative council (UNWE))

After 19 years in military, followed by an academic career in the Academy of Sciences **Dr. Shalamanov** has several tours of public service: Deputy Minister of Defense (1998-2001), Minister of Defense (2014) and Director Demand Management in the NATO's IT and Cyber Agency (2009-2017). Currently he is focusing on consolidation of the academic cyber capacity in Bulgaria and EU (under H2020 project). In parallel is his engagement in the NGOs and politics for better positions of Bulgaria in NATO and European defense, development of the information society and improvement of research governance.

Key points :

1. Development of NATO deterence and defense posture from **RAP (Wales, 2014)** through e/t**FP** and **NATO-EU relations (Warsaw, 2016)** and **Readiness Initiative (Brussels, 2018)** together with the **Interoperability Initiative / Trust Funds / Cyber Partnership (Wales, 2014)** and combined with the boosting of the **European defense / European Intervention Forces** initiative is shaping the environment for the further development of the cooperation in the **Eastern Flank of NATO under B9 (Bucharest, 2015)** through development of credible force structure of **multinational formations**.

2. Despite longterm SEE defense cooperation under **SEDM/A5** the modalities of **B9+ to address challenges between Adriatic - Black - Baltic Seas** could be real accelerator in this environment under NATO/EU coordination

3. Practical focus on real projects in the area of **Air surveillance (**radars**), federated mission networking**, **FFT, COP** to form **Readiness and Interoperability program (RIP)** for B9+ in NATO/EU framework could bring the cooperation in defense to the next level.

The President of the USA – Mr. Bill Clinton, Visit to Bulgaria, 21 November 1999

"Tonight I hope the people of Serbia can hear our voices when we say: If you choose as Bulgaria has chosen, you will regain the rightful place in Europe that [Yugoslavian President Slobodan] Milosevic has stolen from you, and America will support you too," Clinton said.

Agenda

1. NATO developments on the **Eastern Flank** from Wales to Brussels Summits and ahead
2. Unfinished Business of the **Washington Summit 1999** and **Bucharest Summit of 2008**
3. Deterrence by **Denial** vs Deterrence by Punishment
4. **B9+ cooperation**: Baltic-Back-Adriatic Seas and N1S
5. NORDEFCO / V4-BDC model in **South Eastern Europe**
6. Program for **Readiness and Iinteroperability** in Eastern Europe under NATO/EU framework (based on N1S)
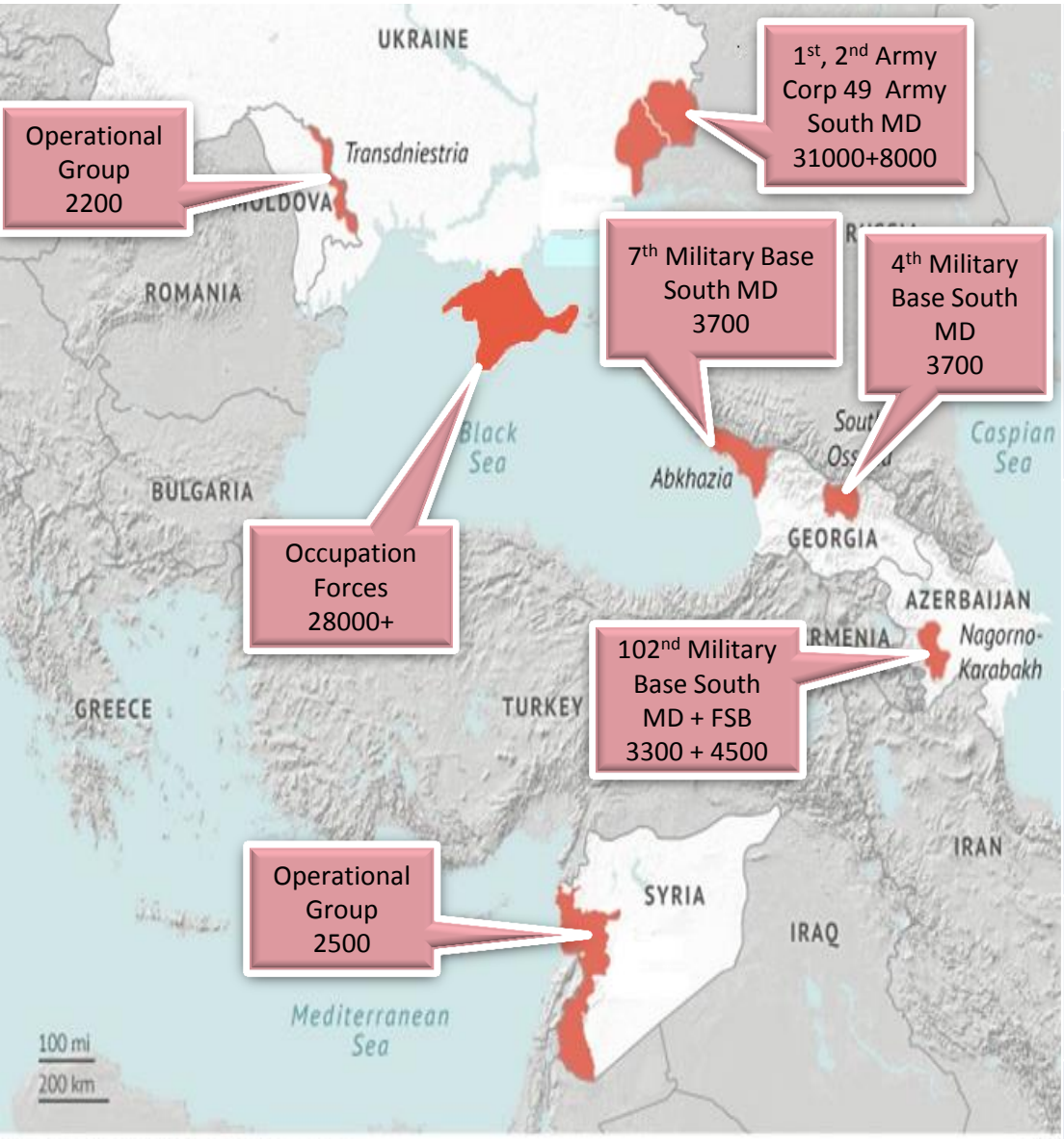7. **Trust Fund** opportunities to engage partners in WB and Black Sea Region

Policy / scoping papers of the Atlantic Council of Bulgaria conference 28.9.2018

- Deterrence and defense posture in Eastern Europe

- Program for readiness and interoperability

- Coping with the hybrid challenges

- Improving understanding of NATO in Bulgaria under "We are NATO" campaign

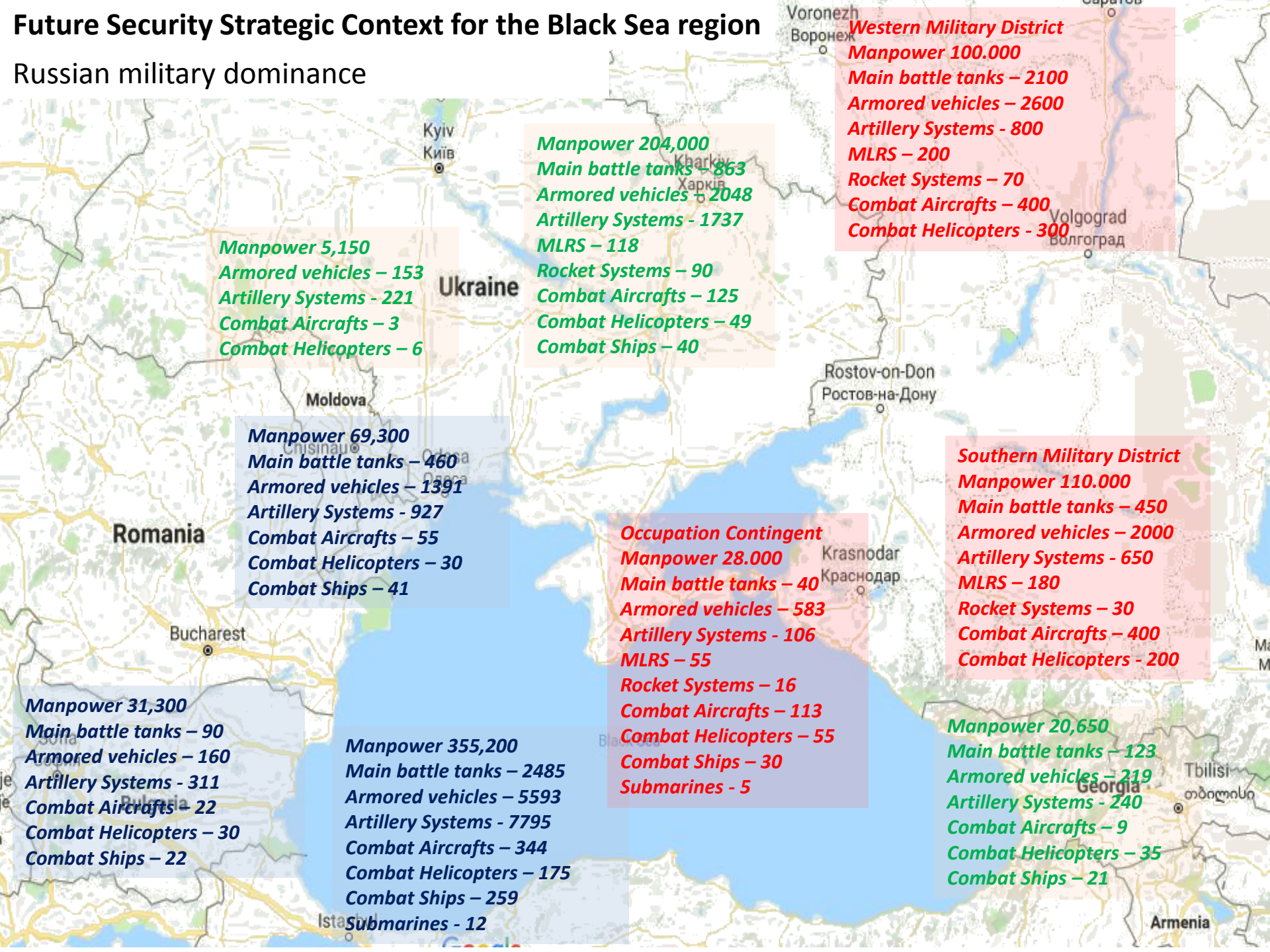# Future Security Strategic Context for the Black Sea

Regional "frozen" conflicts and unresolved territorial claims

1st, 2nd Army Corp 49 Army South MD 31000+8000

Operational Group 2200

7th Military Base South MD 3700

4th Military Base South MD 3700

Occupation Forces 28000+

102nd Military Base South MD + FSB 3300 + 4500

Operational Group 2500

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Location	Military Strength
Transdniestria	*Armored vehicles – 150*
Donbass	*Main battle tanks – 590* *Armored vehicles – 1227* *Artillery Systems - 767* *MLRS – 282*
Crimea	*Main battle tanks – 40* *Armored vehicles – 583* *Artillery Systems - 106* *MLRS – 55* *Rocket Systems – 16* *Combat Aircrafts – 113* *Combat Helicopters – 55* *Combat Ships – 30* *Submarines - 5*
South Ossetia	*Main battle tanks – 40* *Armored vehicles – 120* *Artillery Systems - 48* *MLRS – 18* *Rocket Systems – 3*
Abkhazia	*Main battle tanks – 40* *Armored vehicles – 120* *Artillery Systems - 48* *MLRS – 18* *Rocket Systems – 3*
Armenia	*Main battle tanks – 74* *Armored vehicles – 80* *Artillery Systems - 12* *MLRS – 18*
Syria	*Combat Aircrafts & Helicopters – 35* Air Defence Systems C-400, C-300B4, Panzer-C1.

Future Security Strategic Context for the Black Sea region

Russian military dominance

Western Military District
Manpower 100.000
Main battle tanks – 2100
Armored vehicles – 2600
Artillery Systems - 800
MLRS – 200
Rocket Systems – 70
Combat Aircrafts – 400
Combat Helicopters - 300

Manpower 204,000
Main battle tanks – 863
Armored vehicles – 2048
Artillery Systems - 1737
MLRS – 118
Rocket Systems – 90
Combat Aircrafts – 125
Combat Helicopters – 49
Combat Ships – 40

Manpower 5,150
Armored vehicles – 153
Artillery Systems - 221
Combat Aircrafts – 3
Combat Helicopters – 6

Manpower 69,300
Main battle tanks – 460
Armored vehicles – 1391
Artillery Systems - 927
Combat Aircrafts – 55
Combat Helicopters – 30
Combat Ships – 41

Southern Military District
Manpower 110.000
Main battle tanks – 450
Armored vehicles – 2000
Artillery Systems - 650
MLRS – 180
Rocket Systems – 30
Combat Aircrafts – 400
Combat Helicopters - 200

Occupation Contingent
Manpower 28.000
Main battle tanks – 40
Armored vehicles – 583
Artillery Systems - 106
MLRS – 55
Rocket Systems – 16
Combat Aircrafts – 113
Combat Helicopters – 55
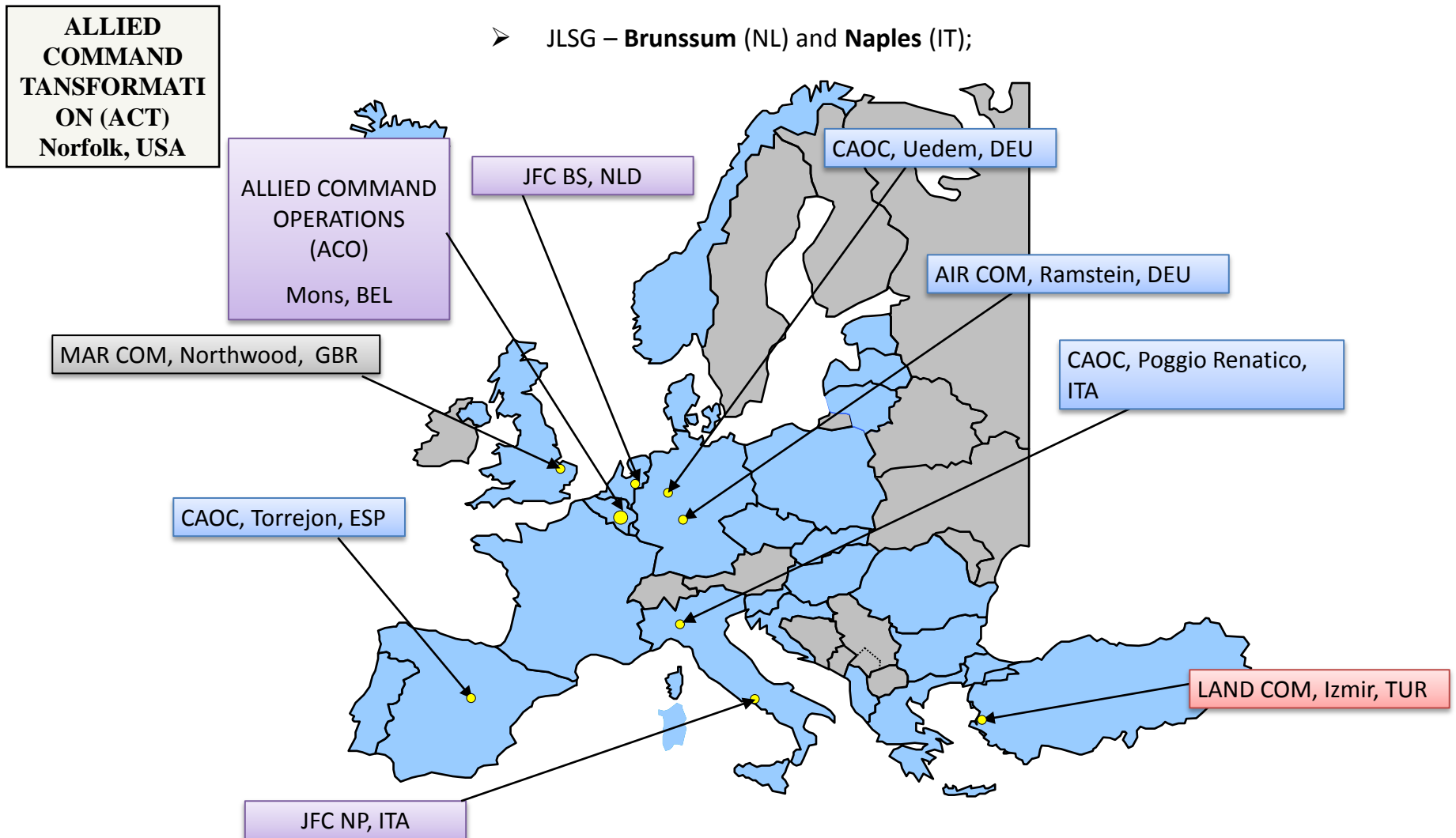**Combat Ships – 30**
Submarines - 5

Manpower 31,300
Main battle tanks – 90
Armored vehicles – 160
Artillery Systems - 311
Combat Aircrafts – 22
Combat Helicopters – 30
Combat Ships – 22

Manpower 355,200
Main battle tanks – 2485
Armored vehicles – 5593
Artillery Systems - 7795
Combat Aircrafts – 344
**Combat Helicopters – 175**
Combat Ships – 259
Submarines - 12

Manpower 20,650
Main battle tanks – 123
Armored vehicles – 219
Artillery Systems - 240
Combat Aircrafts – 9
Combat Helicopters – 35
Combat Ships – 21

ADAPTED NATO COMMAND STRUCTURE

- New JFC for the Atlantic – **Norfolk**, USA;

- New Joint Support and Enabling Command (JSEC) – **Ulm**, Germany;

  ➤ Standing Joint Logistics Support Group Headquarters (SJLSG HQ) – **Ulm**, Germany;

  ➤ JLSG – **Brunssum** (NL) and **Naples** (IT);

ALLIED COMMAND TANSFORMATION (ACT) Norfolk, USA

ALLIED COMMAND OPERATIONS (ACO)

Mons, BEL

JFC BS, NLD

CAOC, Uedem, DEU

AIR COM, Ramstein, DEU

MAR COM, Northwood, GBR

CAOC, Poggio Renatico, ITA

CAOC, Torrejon, ESP

LAND COM, Izmir, TUR

JFC NP, ITA

GRADUATED READINESS FORCES **LAND** – enforced by Forward Presence, Atlantic Resolve / EDI and EU BG

NFIU

eFP rotational BG

tFP element

1 GE/NL CORPS
Münster, DEU

MNC NE
Szczecin, POL
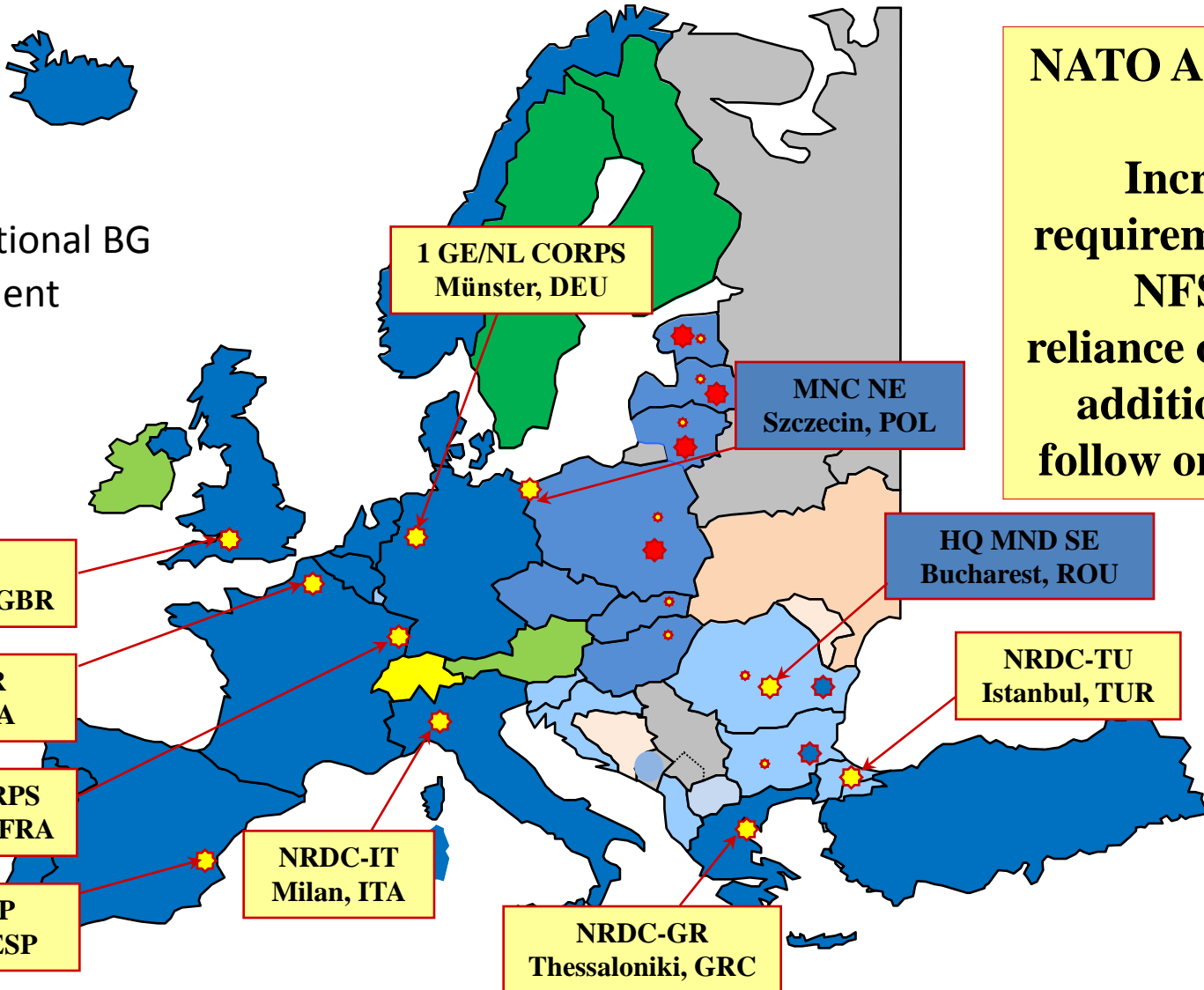
NATO Adaptation:

Increased requirements from NFS and reliance on NFS for additional and follow on Joint C2

HQ MND SE
Bucharest, ROU

ARRC
Innsworth, GBR

NRDC-TU
Istanbul, TUR

RRC-FR
Lille, FRA

EUROCORPS
Strasbourg, FRA

NRDC-IT
Milan, ITA

NRDC-SP
Valencia, ESP

NRDC-GR
Thessaloniki, GRC

Balkans (10 countries) + Black Sea-Caucasus (4 more to the East)

1. UKR
2. GEO
3. ARM
4. AZR

SEE/Balkans

Dimensions of multinationality on the NRDC level

Affiliated Forces

ITA
GRC
ESP "CANARIAS"
ROU
GRC PONTOS
GRC
BGR
GRC

SPT BN
MP
NRDC-GR

Dedicated Combat Support Forces

Dedicated Combat Service Support Forces

MLRS
HAWK
STINGER
STA

WATER PUR
EOD
AOCC

INFORMATICS
MAINT ELMNT
TH SPT

ISTAR
MIU
EW
UAV
MAME

A

CSS

(RAS)

33

CSS

HET
MLRS
POL
SUP

MP
ROLE 2LM
ROLE 2E
AIR MEDEVAC

CBRN
CIMIC
PSYOPS

100

LEGEND
Integral
Organic
Dedicated
Affiliated

EU Battle Groups

CONCEPT

Operations HQ OHQ
- not deployed
- not part of the BG package

BG package

Force HQ (F)HQ
- including staff + CIS support and augmentees
- could be based on a brigade level HQ
- deployed in theatre

Battle Group (Inf Bn and choice of .....)

| Combat Support | Infantry Battalion | Combat Service Support |

Operational and Strategic enablers (choice of ...)

| Air | Sea | Logistics | Special Forces |
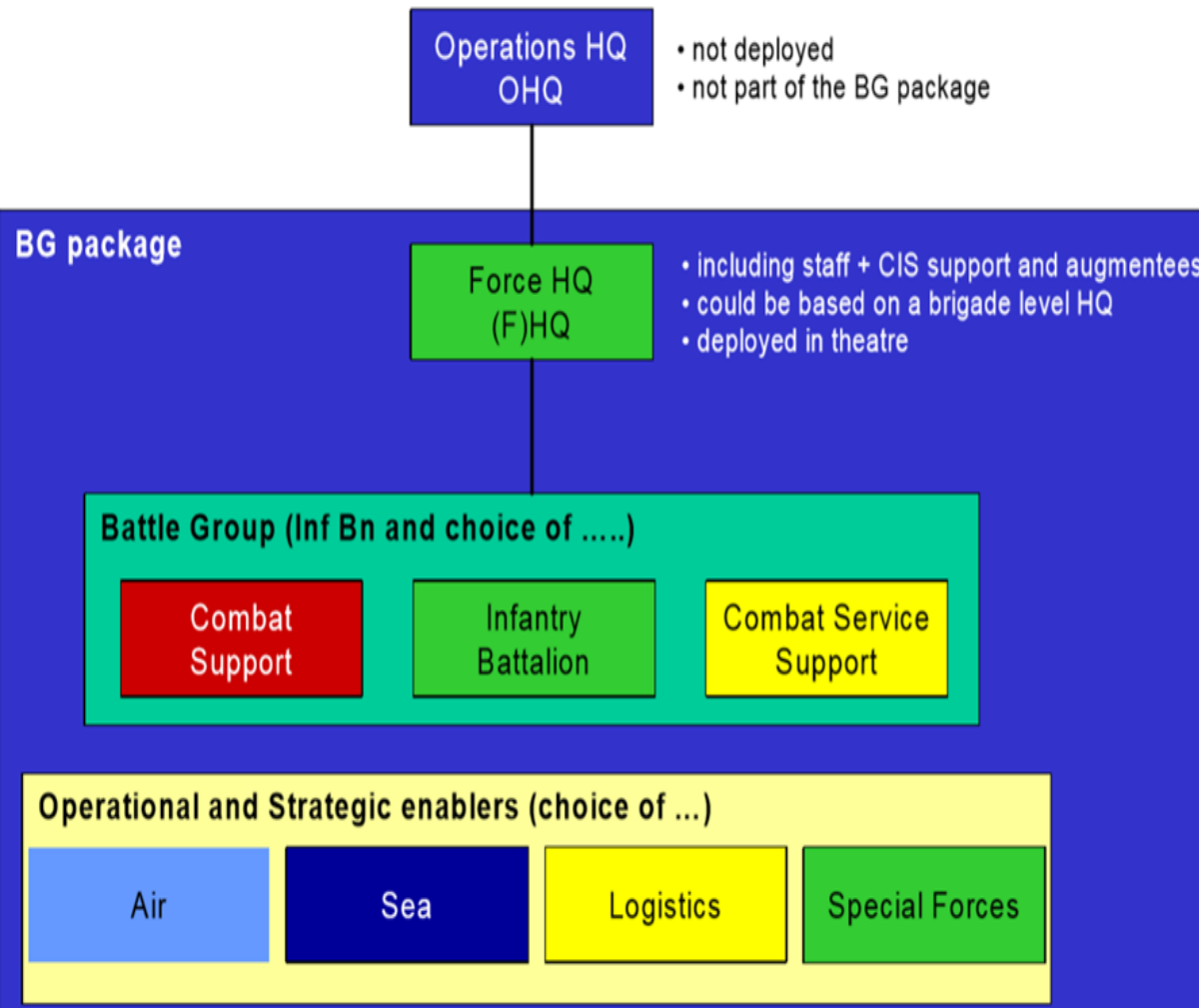
EU military instrument for rapid response.

1500 personnel strong

For stand-alone operations or for the initial phase of larger operations.
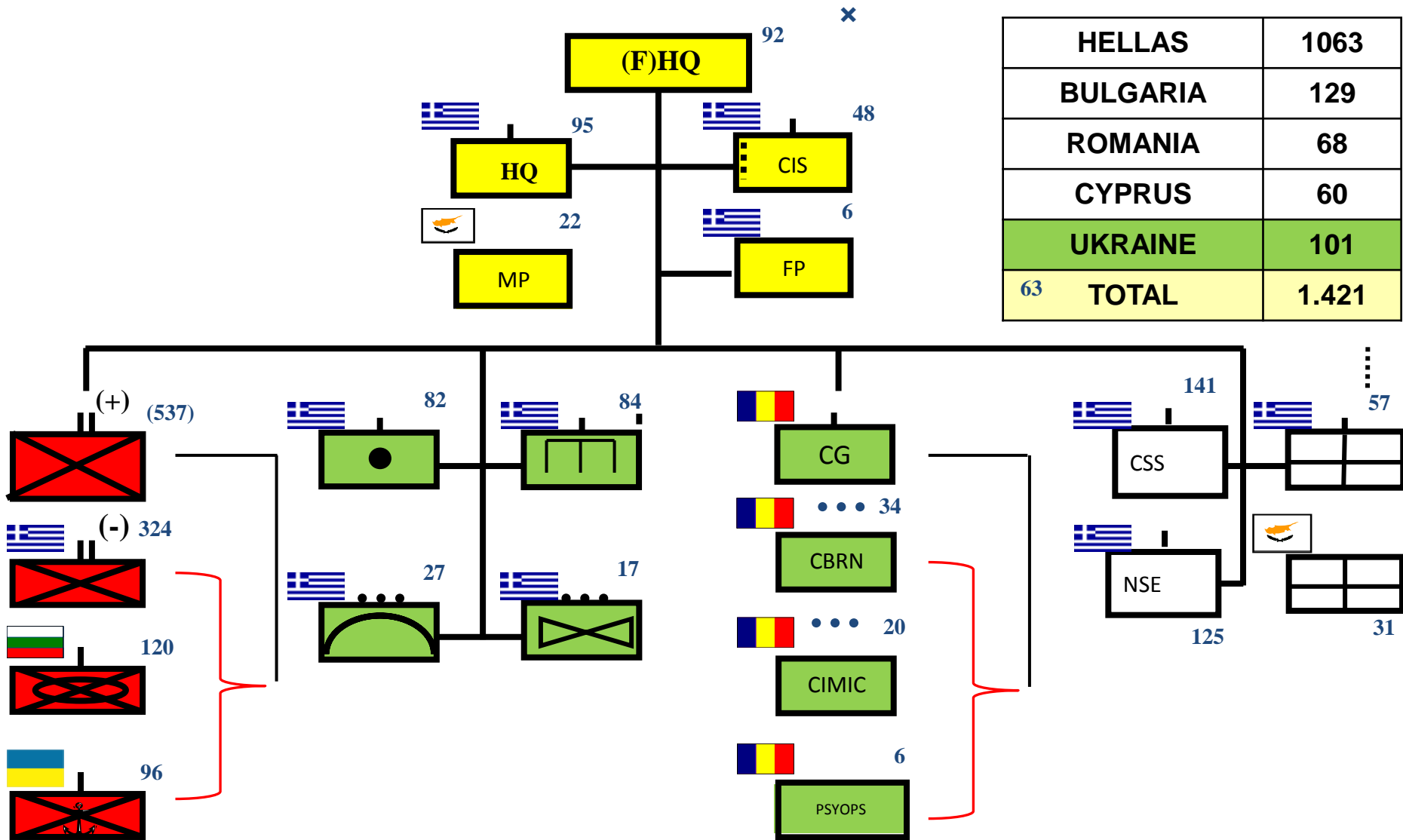
Based on a combined-arms, battalion-sized force.

Sustainable for 30 days,

Extendable to 120 days

Deployed and sustained at strategic distances of 6,000 km or more from the EU territory
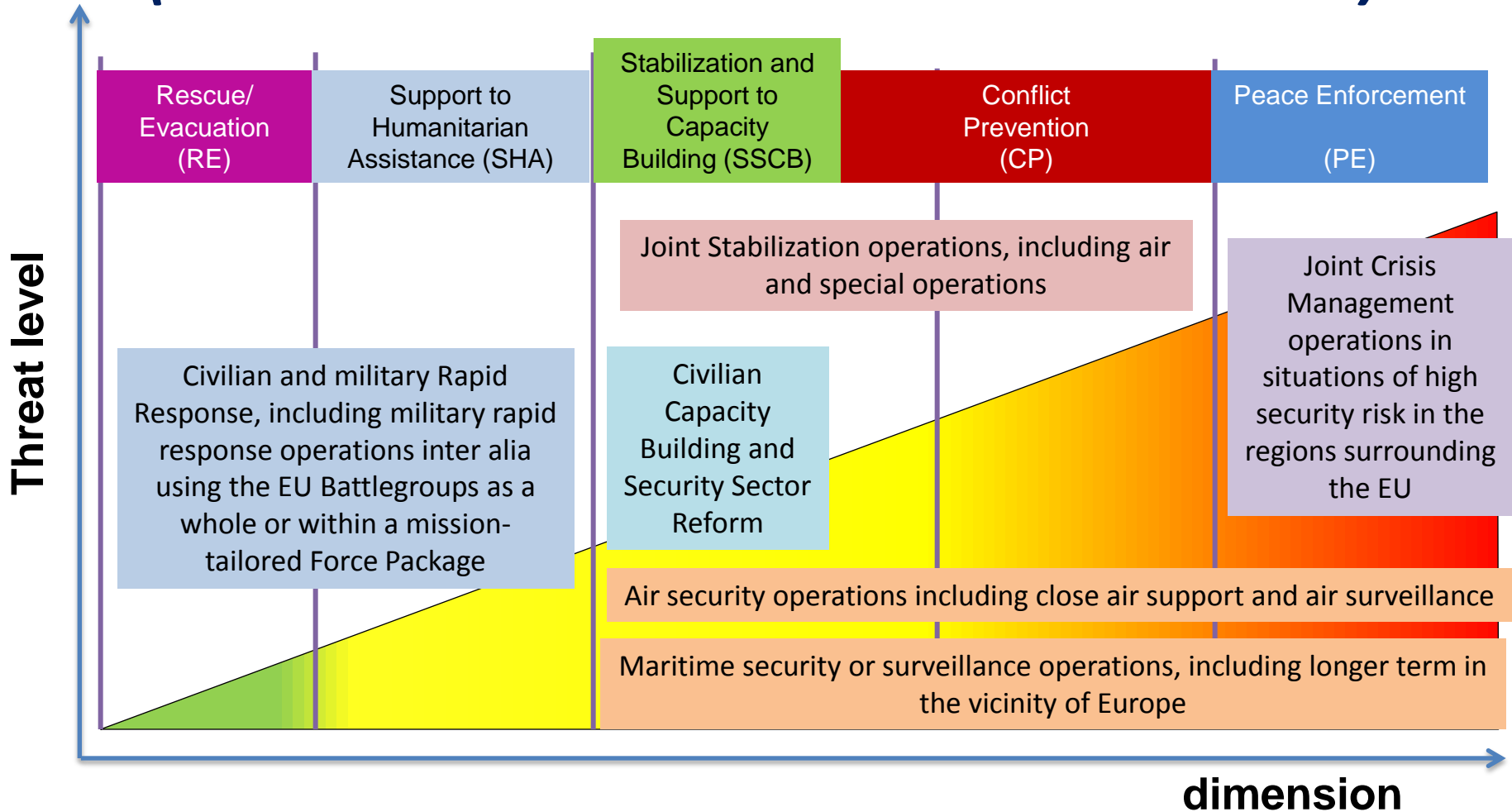
Multinationality on EU side
BULGARIAN PARTICIPATION in HELBROC

HELLAS	1063
BULGARIA	129
ROMANIA	68
CYPRUS	60
UKRAINE	101
TOTAL	1.421

The Reality of EU defense capabilities
(all below art. 5 threshold and outside EU)

Threat level

dimension

Rescue/ Evacuation (RE)

Support to Humanitarian Assistance (SHA)

Stabilization and Support to Capacity Building (SSCB)

Conflict Prevention (CP)

Peace Enforcement (PE)

Joint Stabilization operations, including air and special operations

Joint Crisis Management operations in situations of high security risk in the regions surrounding the EU

Civilian and military Rapid Response, including military rapid response operations inter alia using the EU Battlegroups as a whole or within a mission-tailored Force Package

Civilian Capacity Building and Security Sector Reform

Air security operations including close air support and air surveillance

Maritime security or surveillance operations, including longer term in the vicinity of Europe

EU-NATO
cooperation

- **Information sharing**
- **Coordinated planning**
- **Concrete cooperation**

in the areas of:

Hybrid Threats

Operational cooperation

Cyber Security

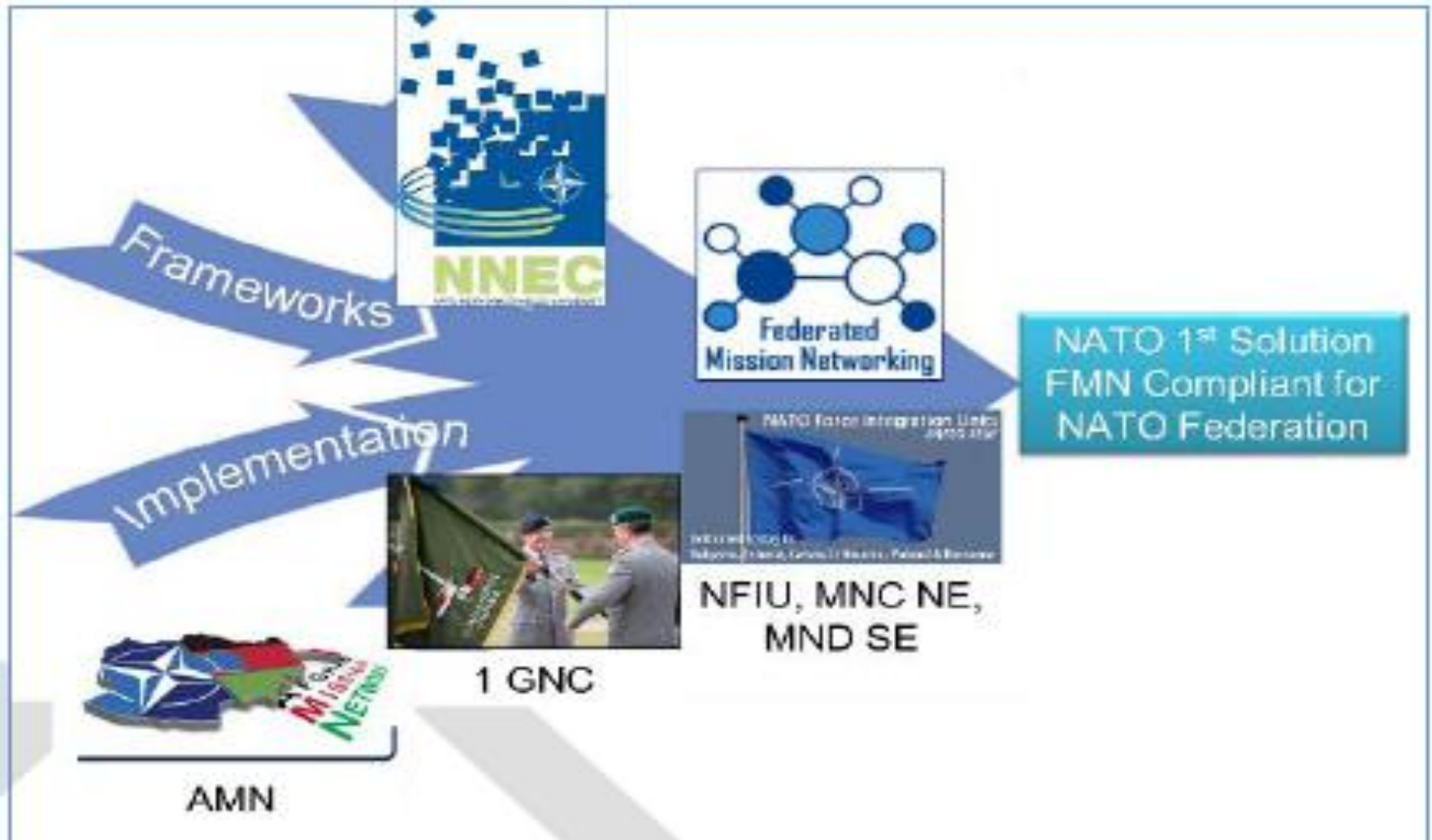**Capacity building**

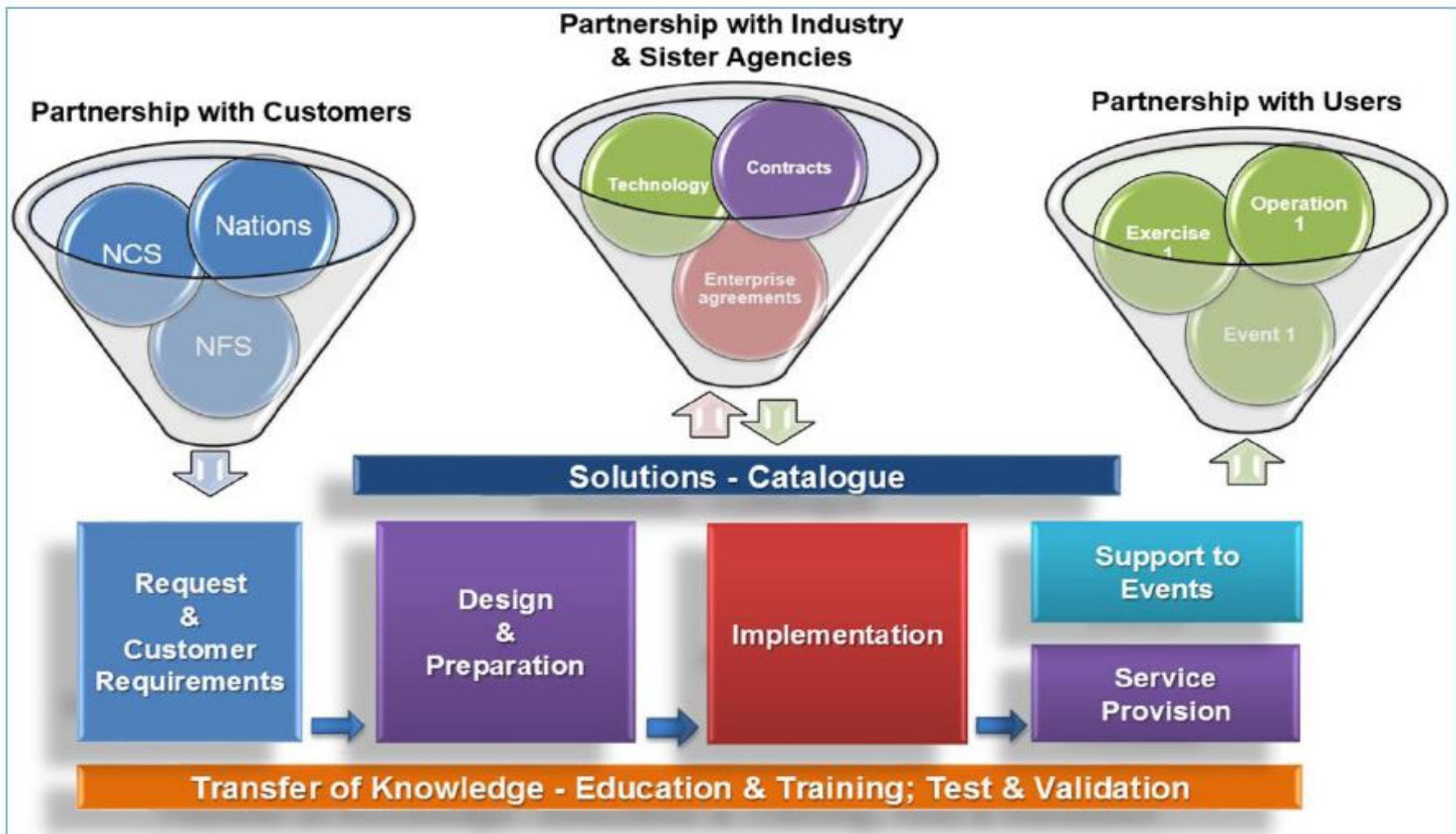**Defence capabilities**

Industry and research

Exercises

Development of NATO 1st Solution
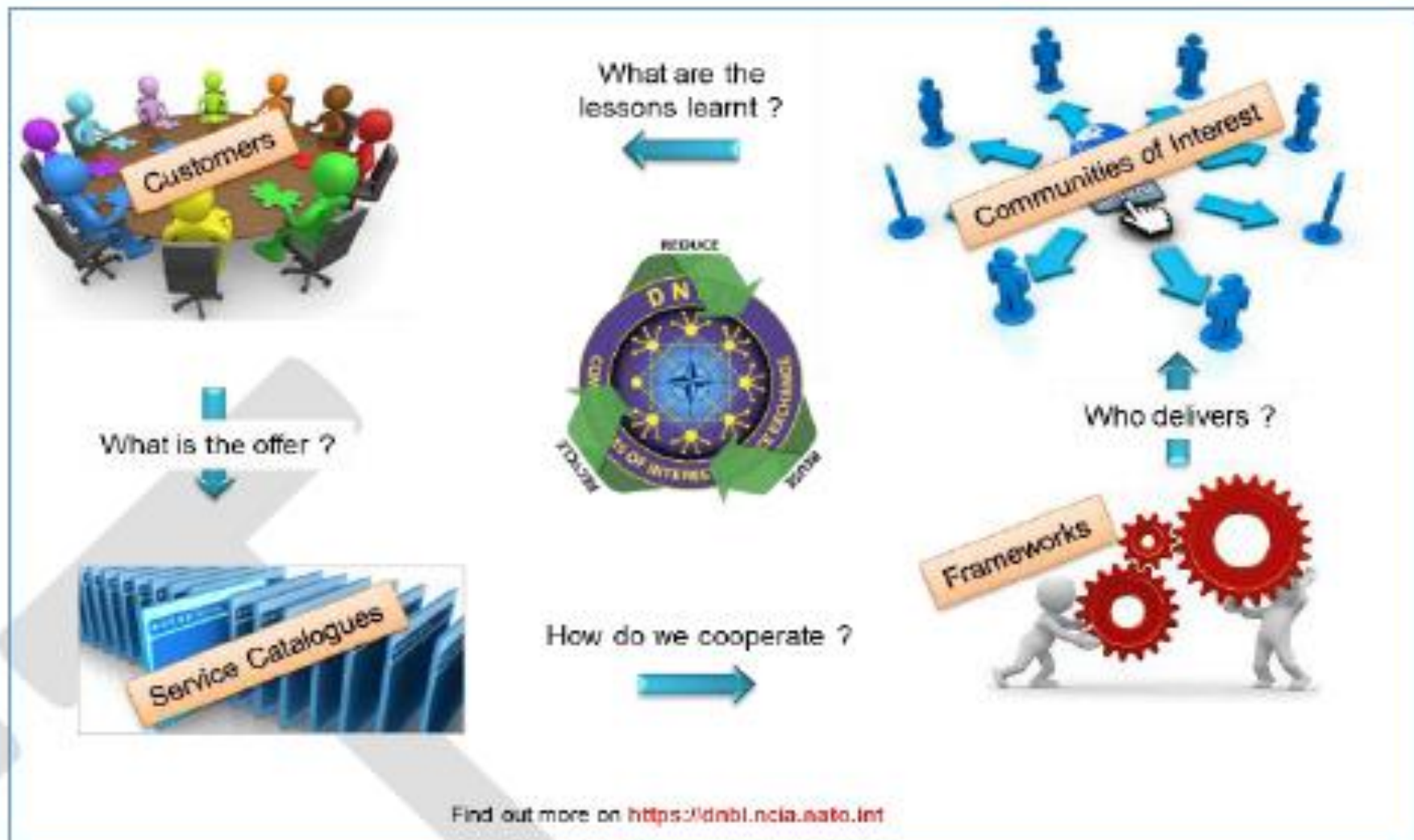## *from AMN to Forward Presence*

Scope of N1S Implementation

NCIA supported Program for Readiness and Interoperability

Implementaiton model for N1S
to support Program for Readiness and Interoperability

Find out more on https://dnbl.ncia.nato.int

Program „Readiness and Interoperability" *(Cyber Resilience / HW Resilience)*

1. Focus on **C4ISR with N1S** as a model (flagship implementation for 1 GNC and LANDCOM leadership)
2. **Start with B9** (following the success with MND CE and MND SE), supporting Forward Presence (eFP/tFP)
3. Extend to B9+ (**WB, Black Sea**) – first NATO members and later partners in NATO Interoperability Initiative
4. Support to **multinational formations** as a priority one, followed by **exercises**
5. Use NATO, but EU **framework** as much as possible
6. Add **E&T / R&D** component and active **StratCom** component, involving the NGO
7. Include civil-mil cooperaiton for **mobility and crisis management** with special focus on **Cyber Defense / meeding Hybrid Warfare challenges**

Basic Environment for Simulation & Training: „Resilience"

Project & Service Management

Scenario Development

Customer / Partners Relations Management

Policy

Analysis & Presentations

Requirements & Operations

BEST - Resilience

Technology and Innovation

BEST – Resilience Change Management

Research & Education

Simulation

Real Systems Interfaces

Conclusions

1. Develop FFT papers on **key initiatives country by country** with NGO involved or even in the lead
2. **Consult regionally** and with NATO / EU (engage US think-thanks) to transform FFT papers in Policy papers with focus on MN Force Structure
3. Seek **political decisions** on highest level
4. Develop **project oriented scoping papers** to set up a business cases for a portfolio of projects
5. Seek NATO / EU frameworks to **support the cases**
6. **Commit nationally** and regionally, including financially to stimulate **Trust Fund policy implemented**
7. Implement with industry and academia for sustainability and **transformational benefits** for the countries in the region