



# JSEC Update Briefing

## NATO Combat Engineer/Logistician Conference

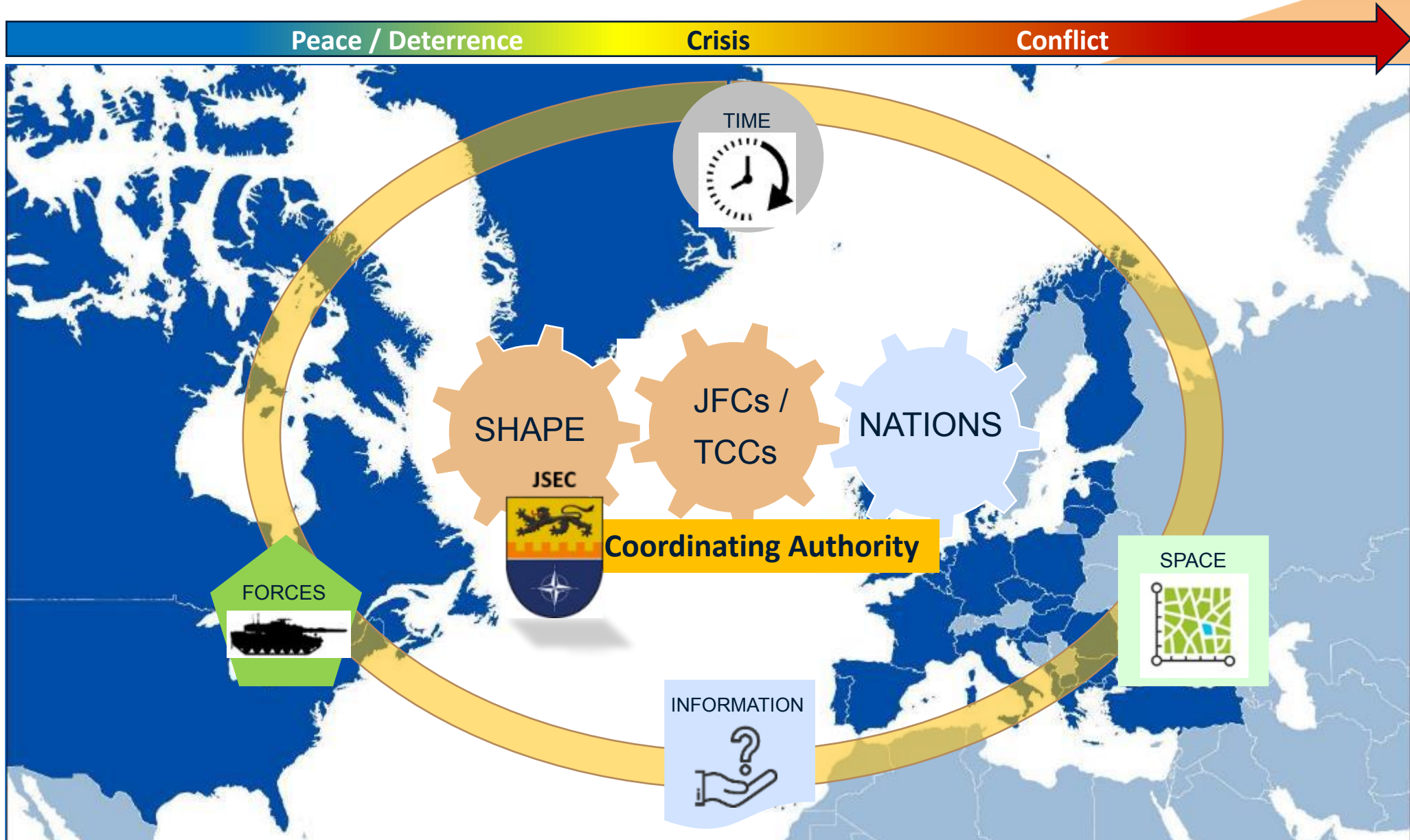
12 – 14 MAR 2024

JSEC ACOS JMILENG - Phillip Borders, OF-5 USA A

# AGENDA



# JSEC – Operational Challenges



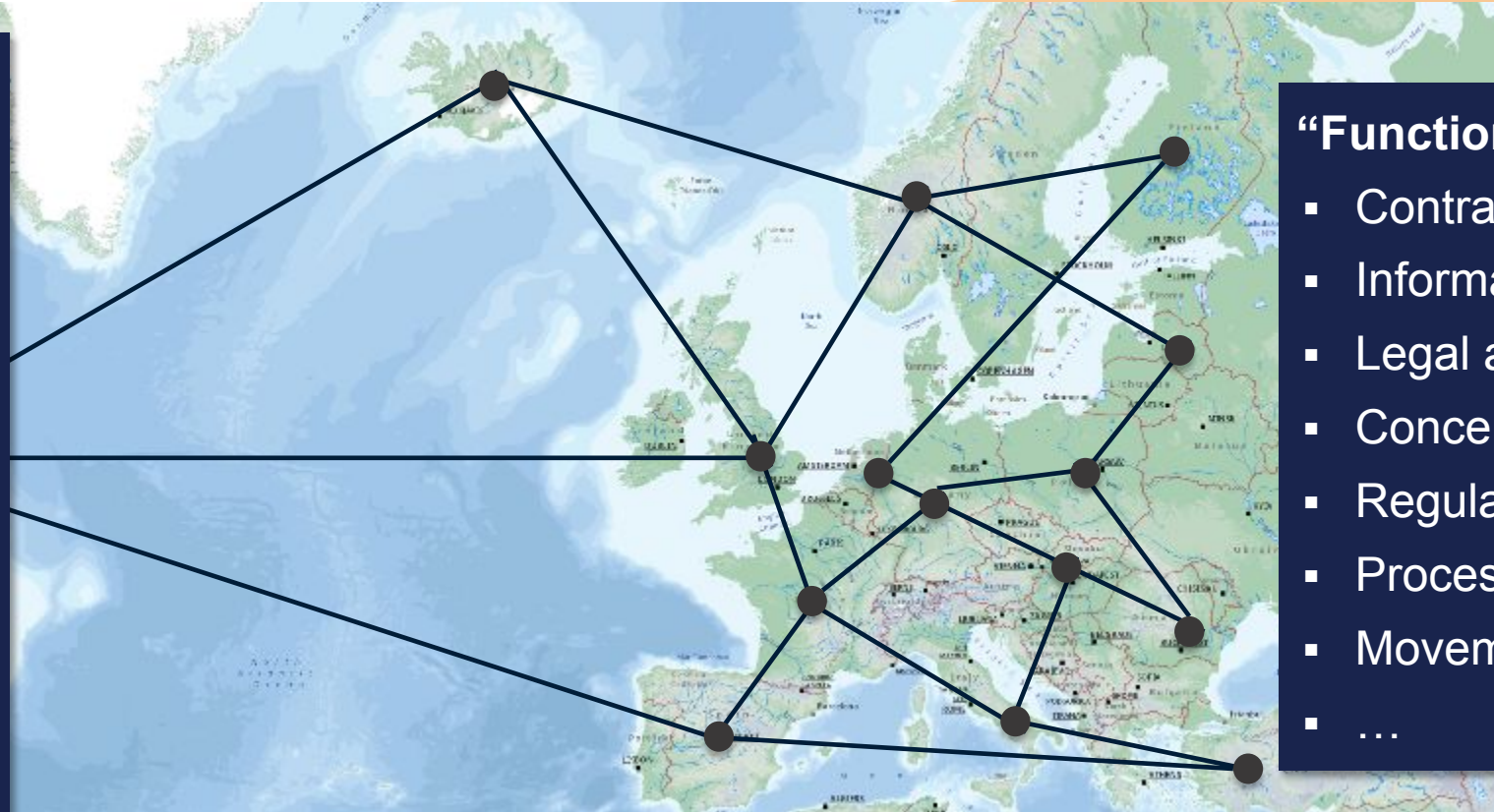
# Reinforcement and Sustainment Network (RSN)

**Disclaimer:**  
The points on the map  
are only illustrative

*Preparing the theatre with a two-layered approach...*

## “Physical Elements”:

- Roads & CSCs,
- Railways & Railheads,
- Air- and Seaports,
- Seaways,
- Storage Installations,
- Military Mobility Areas,
- Pipelines,
- Force Protection,
- ...



## “Functional Elements”:

- Contracts
- Information
- Legal arrangements
- Concepts (FP, Med...)
- Regulations
- Processes
- Movement Tracking
- ...

*... to set the conditions for efficient Military Mobility.*

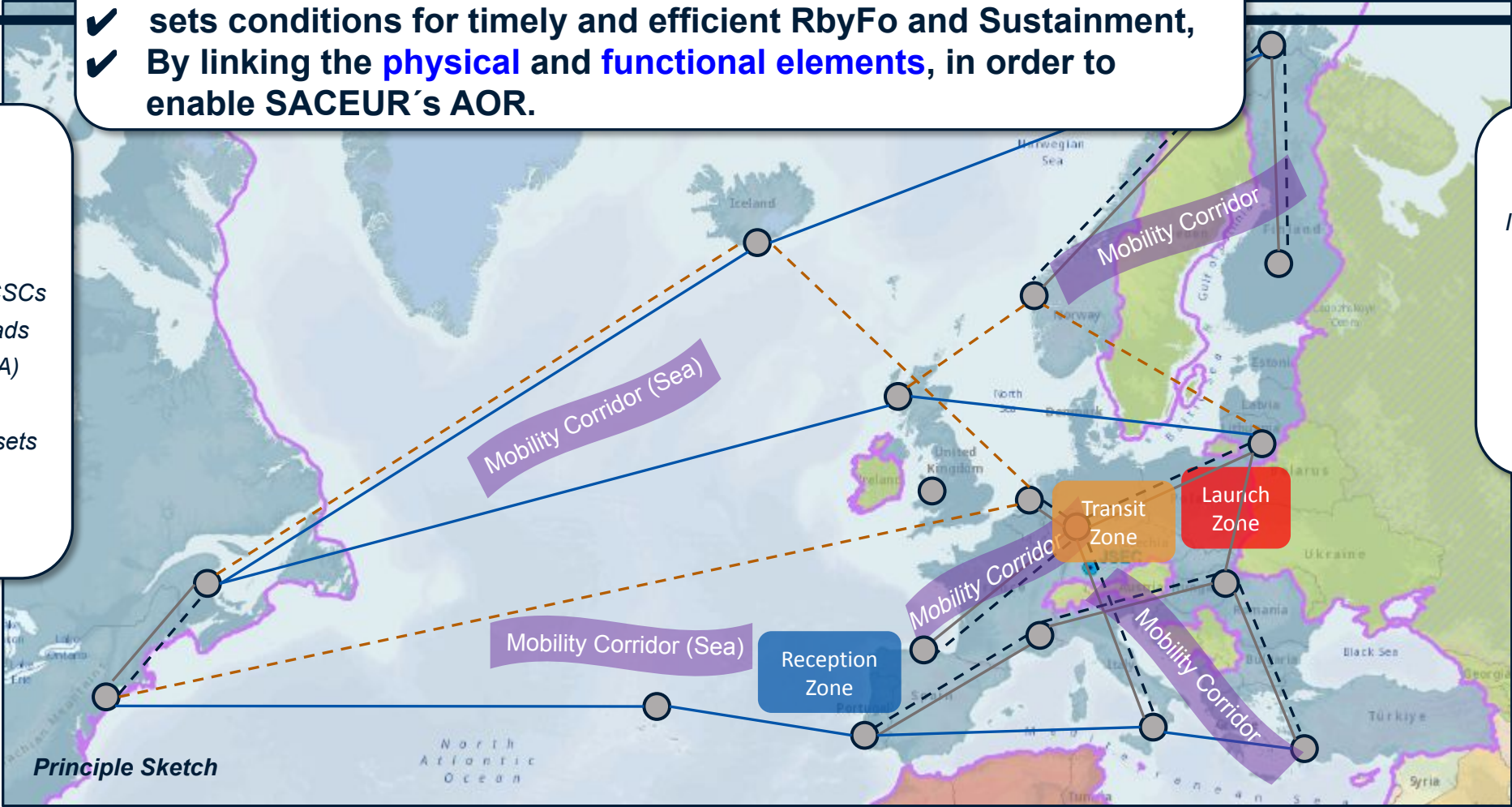
# Physical and Functional Development

**Disclaimer:**  
The points on the map are only illustrative

- ✓ SACEUR Area of Responsibility-wide strategic construct,
- ✓ 360 degrees perspective,
- ✓ sets conditions for timely and efficient RbyFo and Sustainment,
- ✓ By linking the **physical** and **functional elements**, in order to enable SACEUR's AOR.

- Physical**
- Airports
  - Seaports
  - Railheads
  - Roads & Bridges & CSCs
  - Railheads & Railroads
  - Areas (MA, ISB, SA)
  - Hospitals
  - Force Protection Assets
  - Storage
  - Pipelines
  - .....

- Functional**
- Border Regulations
  - Infrastructure Alignment
  - Information Exchange
  - Asset Coordination
  - HNS Agreements
  - Force Protection
  - Movement Tracking
  - .....



- Sea Lane
- Major Road
- - - Flight Route
- - - Rail Line

# MOBILITY CORRIDORS

# RSN Physical Elements

## RECEPTION ZONES

*Relational connections between zones and areas that provide required critical infrastructure and essential services for (re-)deployment of forces within a defined timeframe (Lines of Communication with Sustainment Facilities).*

*providing required critical infrastructure/essential services to ensure the reception and initial processing of forces within a certain timeframe entering designated JOA (Point of Debarkation - Marshalling Areas - Staging Areas).*

## TRANSIT ZONES

*providing critical infrastructure and essential services to host/sustain large scale forces for longer periods - facilitating a reverse flow of forces for the purposes of consolidation, recuperation, reorganization, training and redeployment (i.e. Intermediate Staging- / Theater Logistic Bases, Military Training Areas).*

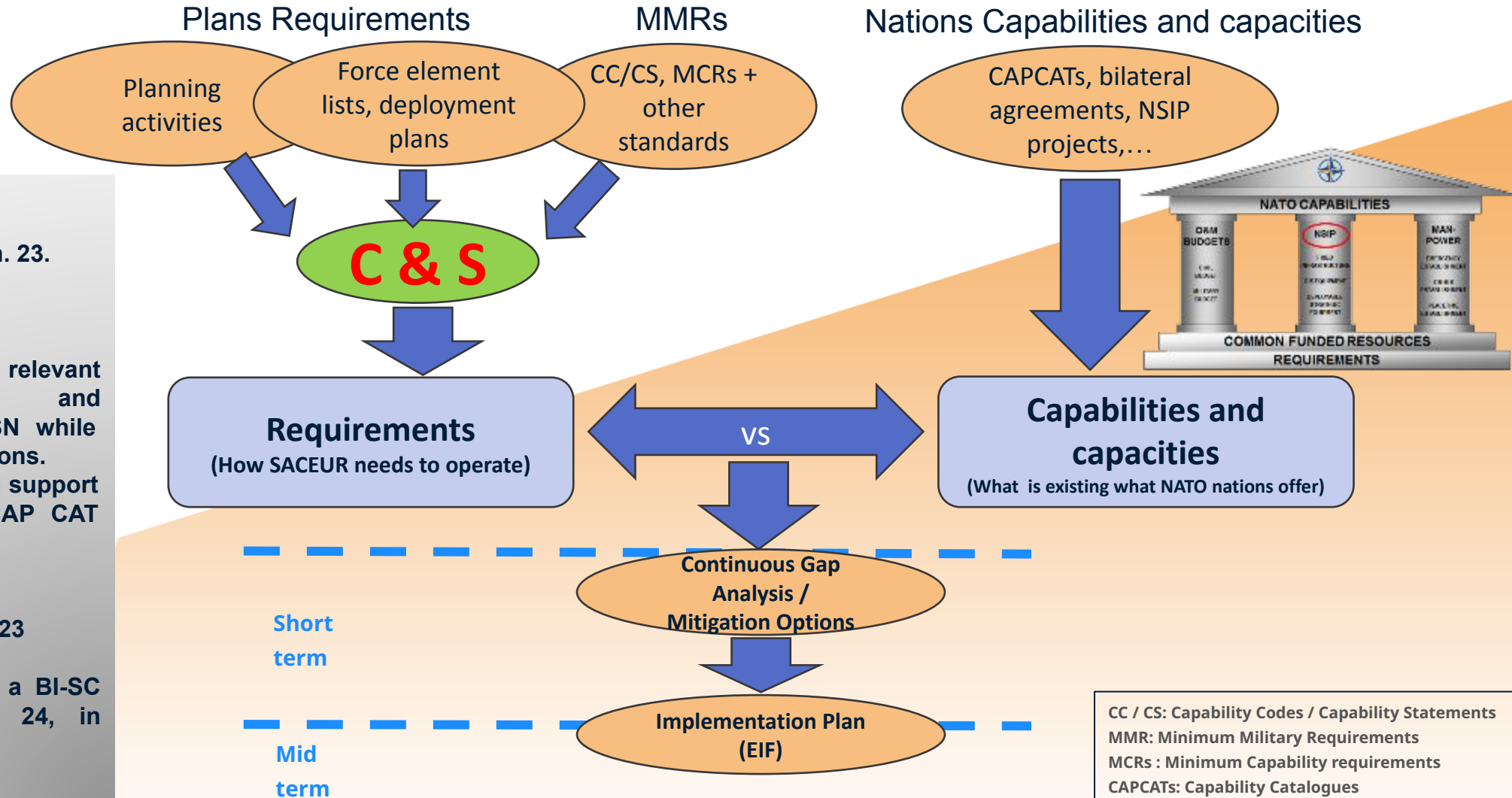
## LAUNCH ZONES

*providing required critical infrastructure and essential services for the provision and sustainment of combat ready forces to move to their Destination Areas within a short timeframe - contain staging- and marshalling areas if personnel and materiel arrive separately to merged there.*

## DESTINATION AREAS

*Point for onward movement and as the Final Destination (FD) before combat ready forces are integrated into the battle formation by their respective commanders.*

# Development of Criteria and Standards for zones of the RSN. Input to RSN development and Enablement of SACEUR AOR.



## BACKGROUND:

- MC advice to SER 6, dated Jan. 23.
- Shape tasker dated May 23.

## AIM:

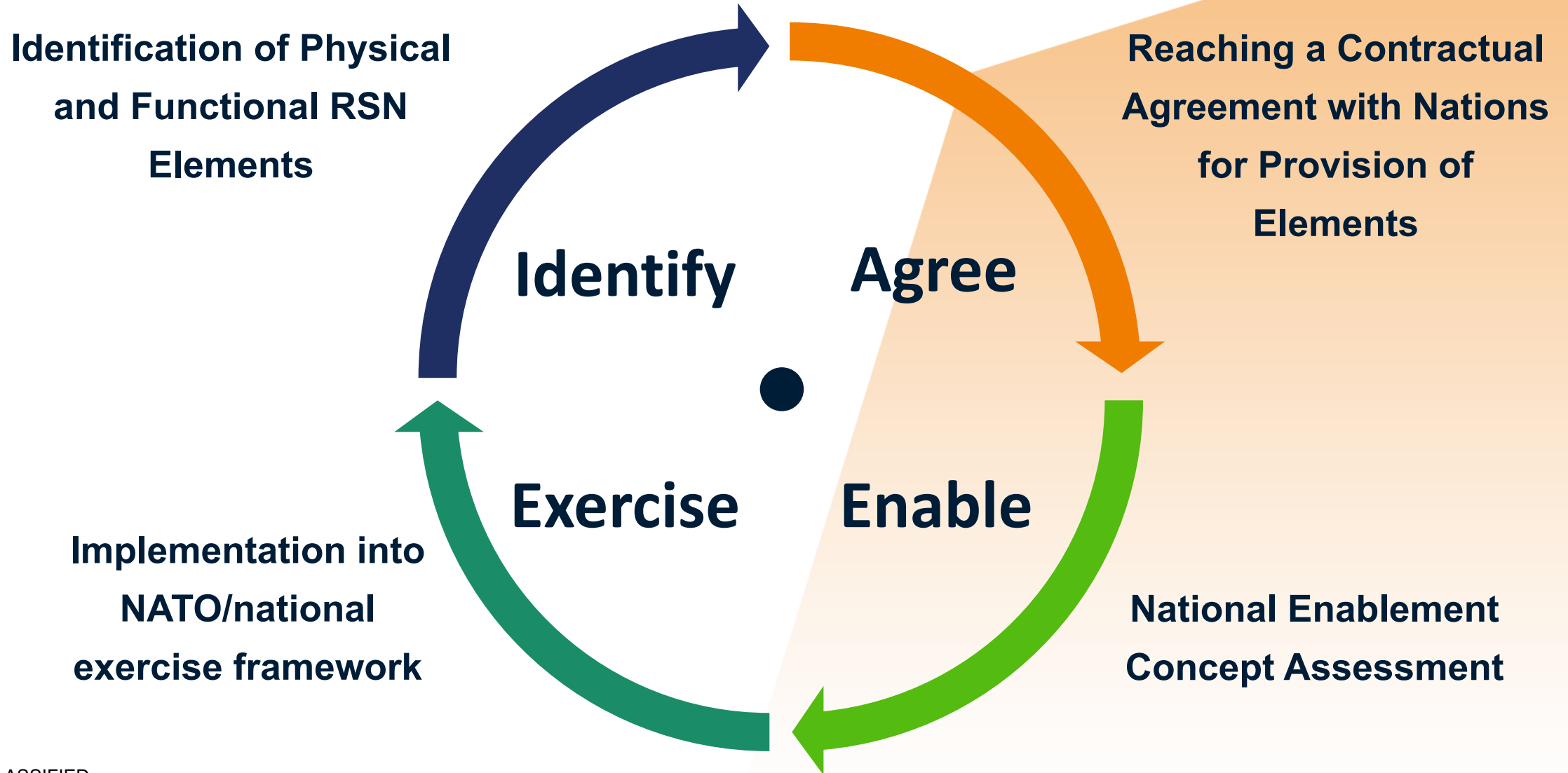
- Allow Nations to identify relevant infrastructure capabilities and capacities to enable the RSN while retaining flexibility for the nations.
- Nations and NATO use C&S in support of RSN development and CAP CAT updates.

## TIMELINE:

- Initial Draft to SHAPE: 1<sup>st</sup> Dec 23
- Final draft to SHAPE : Jul 24
- Final C&S product becomes a BI-SC document : expected end 24, in conjunction with EIF.

CC / CS: Capability Codes / Capability Statements  
 MMR: Minimum Military Requirements  
 MCRs : Minimum Capability requirements  
 CAPCATs: Capability Catalogues  
 EIF: Infrastructure Enablement Framework  
 NSIP: NATO Security Investment Program

# RSN Nation Development Cycle





# Example



**Identify**

**Agree**

**Exercise**

**Enable HNS**

**U.S. TANK TRANSPORTER w/ABRAMS TANK**

**Combined Size/Weights:**  
 Max Weight: 8,201k + 8,400k = 16,601k  
 Max Width: 3.66m  
 Max Length: 9.203m + 15.209m = 24.412m  
 Max Weight: 118,000kg (108,000 tank)

**MAXIM:**  
 Max Height: 3.721m  
 Max Width: 3.658m  
 Max Length: 9.203m  
 Max Weight: 108,000kg

**MAXIM:**  
 Max Height: 2.671m  
 Max Width: 3.658m  
 Max Length: 15.209m  
 Max Weight: 22,000 tank

**UNCLASSIFIED**  
1-7-09-87305-21

**NATO's Steadfast Defender 2024 Exercise in numbers**

- 80+ air platforms** including F35s, FA18s, carriers, F15s, helicopters and drones
- 50+ ships** including aircraft carriers, frigates, corvettes, and destroyers
- 1,100+ combat vehicles** including 166 tanks, 533 infantry fighting vehicles, and 417 armoured personnel carriers
- 90,000 troops** from 31 NATO allies and Sweden, representing all military branches - army, navy, air force, marines and special operations forces

**TH**



**CONTRACT**

**NATO CAPABILITIES**

- CRM BUDGETS**
- NSIP**
- MAN-POWER**

**COMMON FUNDED RESOURCES REQUIREMENTS**



Joint Support and Enabling Command  
Ulm | Germany

JOINT SUPPORT AND ENABLING COMMAND

# RSN Physical Layer

**Legend:**

- Land Corridor
- Sea Corridor
- RED: critical
- AMBER: high
- YELLOW: medium
- GREEN: no/ low

Land Corridor

Sea Corridor

RED: critical

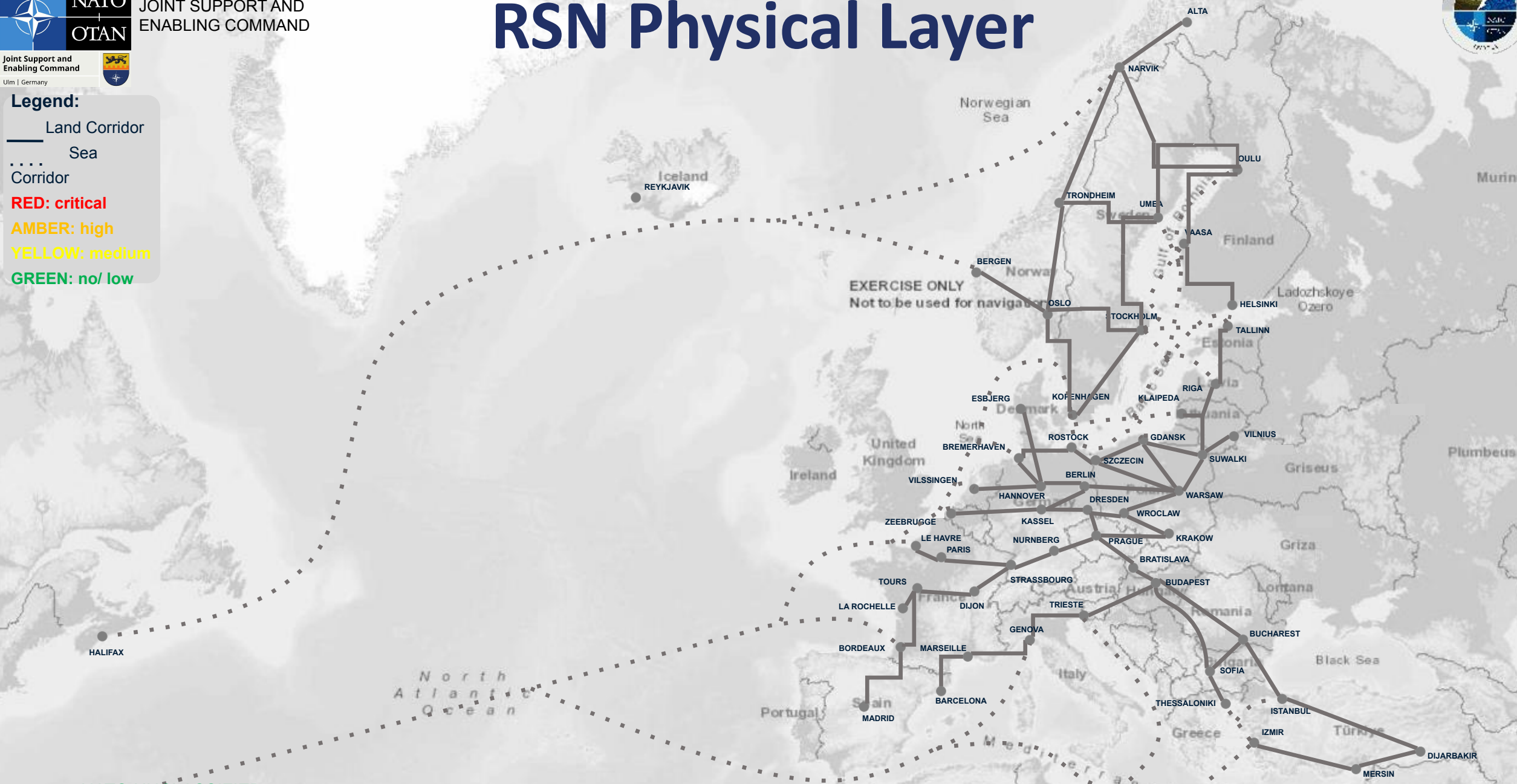
AMBER: high

YELLOW: medium

GREEN: no/ low

NATO UNCLASSIFIED

HOUSTON, NORFOLK



# JSEC MILENG Conference

**What:** 5<sup>th</sup> JSEC MILENG Conference

**When:** 08 – 12 July 2024

**Who:** MILENG community and partners (NCS, NFS, NSPA, Nations, EU MS, DEU JSES, MILENG COE, NFIUs,...)

**Where:** Ulm

**POC:** JMILENG Front Office NU + NS: [JSECSPTJMILENG@jsec.nato.int](mailto:JSECSPTJMILENG@jsec.nato.int)

Phone: +49 (0) 731 1690 4716





# Questions?

