

# Training military, Police and Civilians for A Comprehensive Defence Force

LtCol Carl-Fredrik Kleman



SWEDISH  
ARMED FORCES



**Swedish Armed Forces  
Joint Training Centre**

# AGENDA

- Background; What is Total Defence, Resilience and Comprehensive Approach
- An example of How to Train Military, Police and Civilians for A Comprehensive Defence Force in a CPX/CAX environment!

 FÖRSVARSMAKTEN Round Table Discussion

# **Background;**

## **What is Total Defence, Resilience and Comprehensive Approach.**

# "The Future for Computer Aided Exercises" (New Security Climate)



- CPX & LIVEX (Blended Exercises)
- Interaction between Military, Police and Civilians
- Counter-Terrorism
- Anti-Piracy
- Disaster Prevention
- Cyber WARFARE
- Information WARFARE
- Total Defence (Resilience)
- Developed Tech platform/Federation
  - Federated Mission Network (FMN)
  - Hybrid warfare

**Modern societies are highly complex with integrated and interdependent sectors and vital services. This makes them vulnerable to major disruption in the case of a terrorist or hybrid attack on critical infrastructure. © EU**



**ENERGY**



**HEALTH**



**TRANSPORT**



**FINANCIAL**



**ICT**



**WATER**



**FOOD**



**PUBLIC & LEGAL  
ORDER AND  
SAFETY**



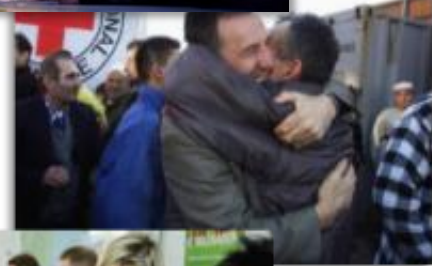
**CHEMICAL &  
NUCLEAR  
INDUSTRY**



**SPACE AND  
RESEARCH**

# What is “National Total Defence” (Resilience)?

- Total defence is defined as the preparations and planning required to prepare a country for war.
- When the government has declared highest alert all societal functions are defined as total defence, which consists of military defence and civil defence. In accordance, the Parliament, the Government, government authorities, municipalities, private enterprises, voluntary defence organizations as well as individuals are all part of the total defence.





# What is “National Total Defence” (Resilience)?

- More resilient countries – where the whole of government as well as the public and private sectors are involved in civil preparedness planning – have fewer vulnerabilities that can otherwise be used as leverage or be targeted by adversaries. Resilience is therefore an important aspect of deterrence by denial: persuading an adversary not to attack by convincing it that an attack will not achieve its intended objectives.



**7 baseline requirements for civil preparedness based on the recognition that the strategic environment has changed, and that the resilience of civil structures, resources and services is the first line of defence for today's modern societies.**

- 1. assured continuity of government and critical government services;**
- 2. resilient energy supplies;**
- 3. ability to deal effectively with uncontrolled movement of people;**
- 4. resilient food and water resources;**
- 5. ability to deal with mass casualties;**
- 6. resilient civil communications systems;**
- 7. resilient civil transportation systems.**



# What is "Comprehensive approach?"



# **An example of How to Train Military, Police and Civilians for A Compre- hensive Defence Force in a CPX/CAX environment!**



CMCFinland  
Kriisinhallintakeskus  
Crisis Management Centre Finland

zif  
Center for  
International  
Peace Operations



Sida

Polisen

SVENSKA  
LOTTAKÄREN



# World Wide Distributed CPX/CAX

Multidimensional, Multifunctional and  
Multinational



osce



FÖRSVARSMAKTEN



# What is VIKING?

- Exercise VIKING is a training platform designed to prepare civilians, military and police together for deployment to a peace or crisis response mission area.
- A distributed computer assisted command post exercise (CAX/CPX) supported by a large number of partner nations and organizations.
- The exercise is multidimensional, multifunctional and multinational, with an emphasis on realism and current operational concepts.





# VIKING Aim



- to **train** and **educate** civilians, military and police...
- ...to meet the **challenges** of **multidimensional operations**.
- Key exercise elements:
  - ❖ **A UN mandated Chapter VII peace operation**
  - ❖ **Parallel deployment** of **UN**, **EU** and **NATO** missions
  - ❖ **High-complexity** scenario and gameplay
  - ❖ Focus on **Resilience** and a **comprehensive approach**







# VIKING 18 Partner Involvement

- 2500 Participants
- 62 Participating nations
- 21 NATO member nations
- 18 Interoperability Platform nations
- 80 Participating Civilian Organizations







# North Friendly Sea Scenario

- Reflects current and future challenges in missions and operations
- Maximizes civil-military-police interaction
  - Mandates, themes and incidents that trigger multifunctional coordination



EU presence



UN Mission in  
Bogaland



NATO PO to  
Bogaland



# 3-level Command Post Exercise



NATO



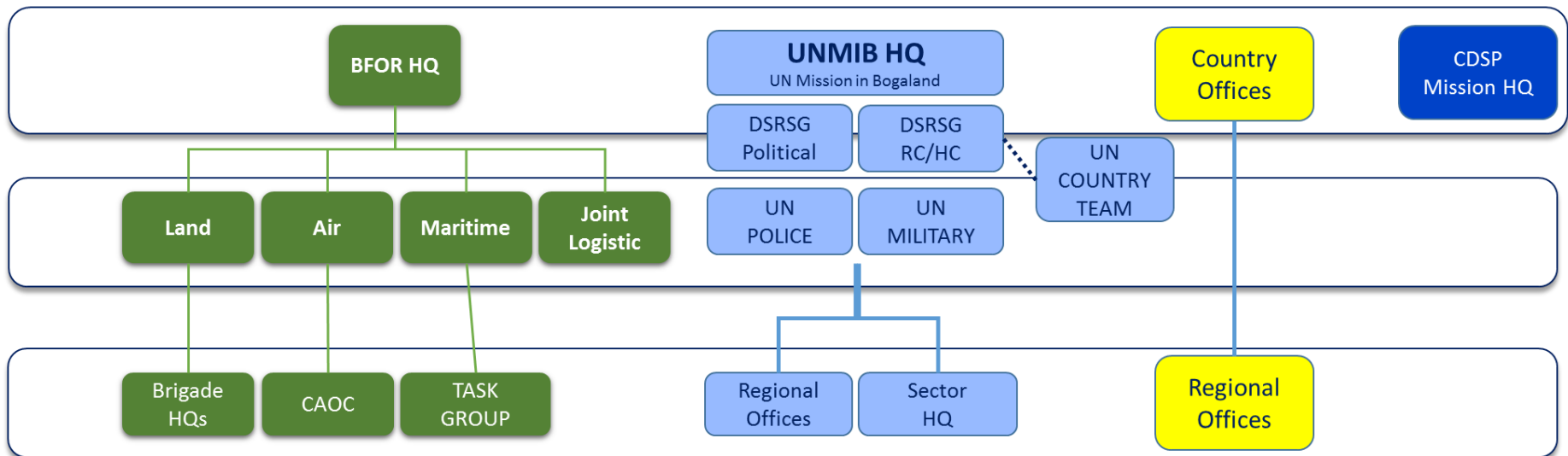
UN



Civilian  
GO & NGO



EU





# Distributed Remote Sites VK 18



**SITES:**  
Brazil  
Bulgaria  
Finland  
Ireland  
Serbia  
Sweden x 4



## Considerations:

Time Zones  
Facilities  
Time line  
Volume & Numbers  
#Simulators & C2  
Integration  
Bandwidth  
Experimentation



# **Training Capability Requirements**

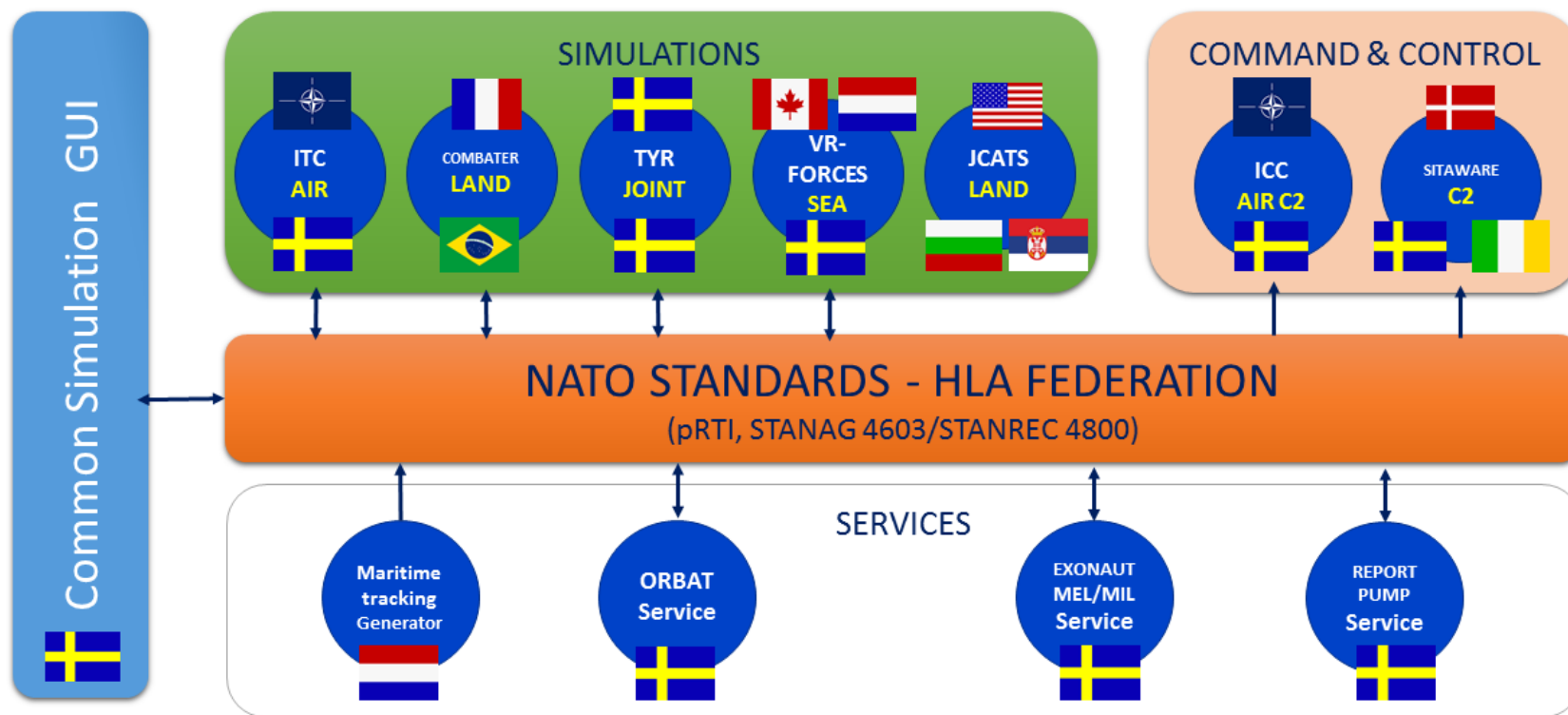
## **CAX**

### **DESIRED EFFECTS**

- **Efficient start and full training effect already in the beginning of the exercise**
- **Optimization of Exercise Control Activities – cut time**
- **Support of all stages of Training Process**
- **Reduce Exercise Control organization – few train many**
- **Distribute without specific Simulator software – web**
- **Increase the ability to operate within the information arena**
- **Bring Your own Device**



## Integration - Implementation



GUI – Graphical User Interface

ORBAT – Order of Battle

MEL/MIL – Main Event List/Main Incident List

HLA – High Level Architecture





# Evolution of the VIKING - NATO MSG research



MSG-?

MSG-145  
MSG-164



MSG-136  
MSG-134



MSG-106



AMSP X/Ref  
Architecture

MSG-068



MSG-086



AMSP-  
AMSP-05/EC-800  
Handbook

MSG-052



NETN FAFD  
v2.0

NETN FAFD  
v1.0

(IEEE 1516-  
2000)  
STANAG 4603

MSG-027

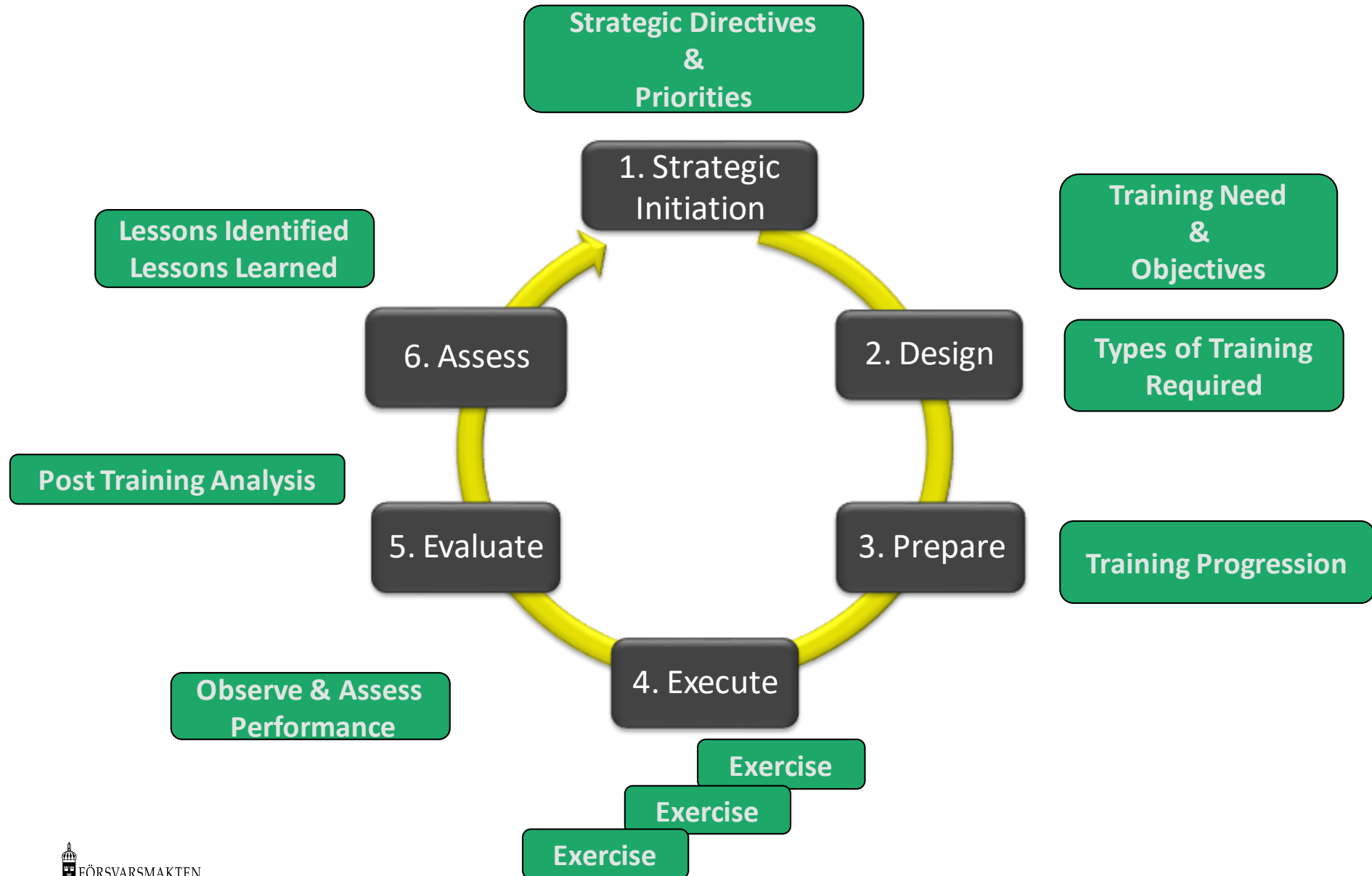


PSN Simulation  
Agreements  
Standards Based (IEEE  
1516-2000)

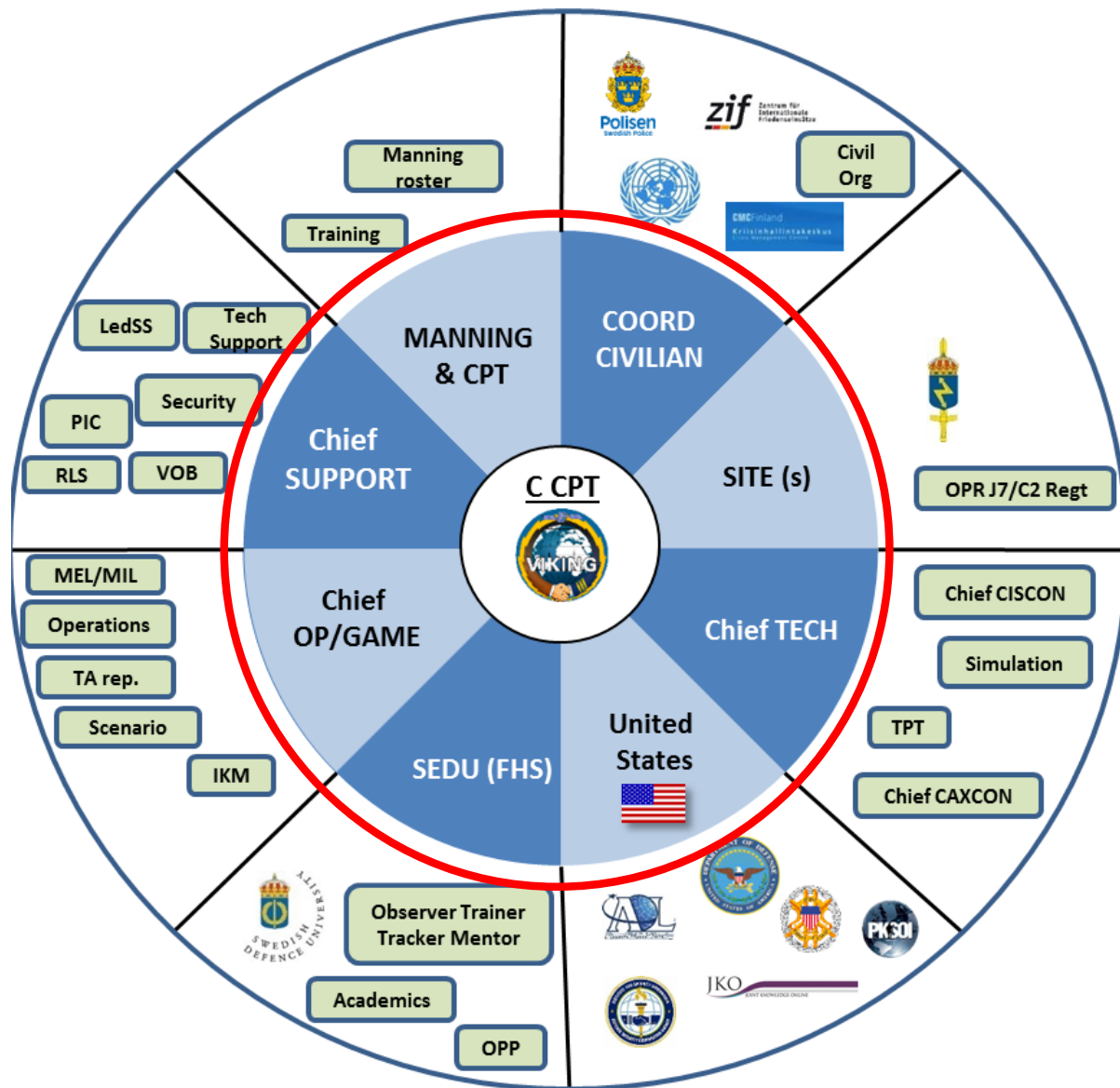




# TRAINING PROCESS



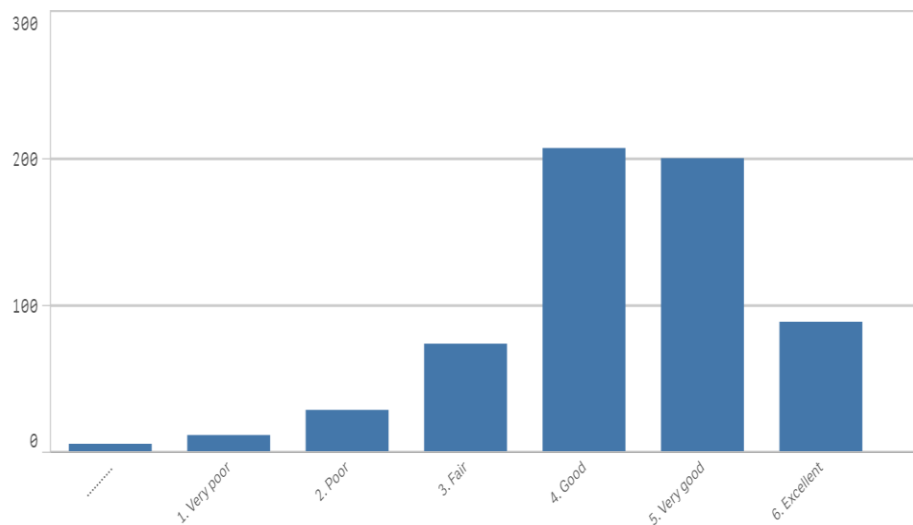
# ORGANISATION CPT



# How useful was the exercise for your professional development?

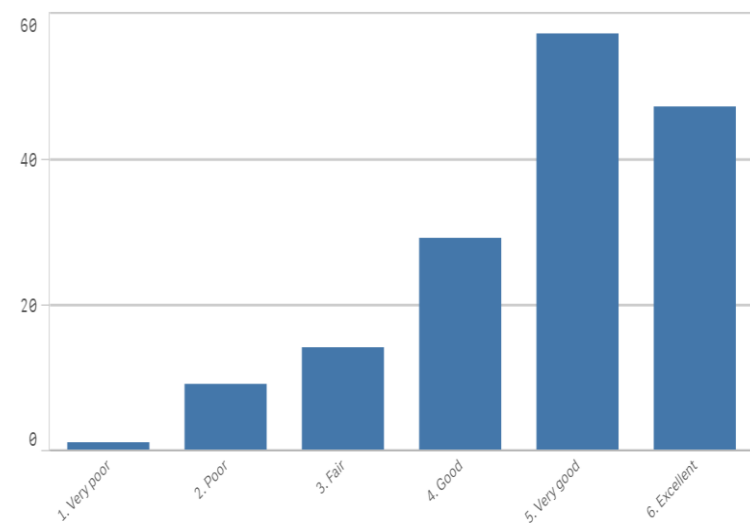
## NATO TA

EVAL Survey 9

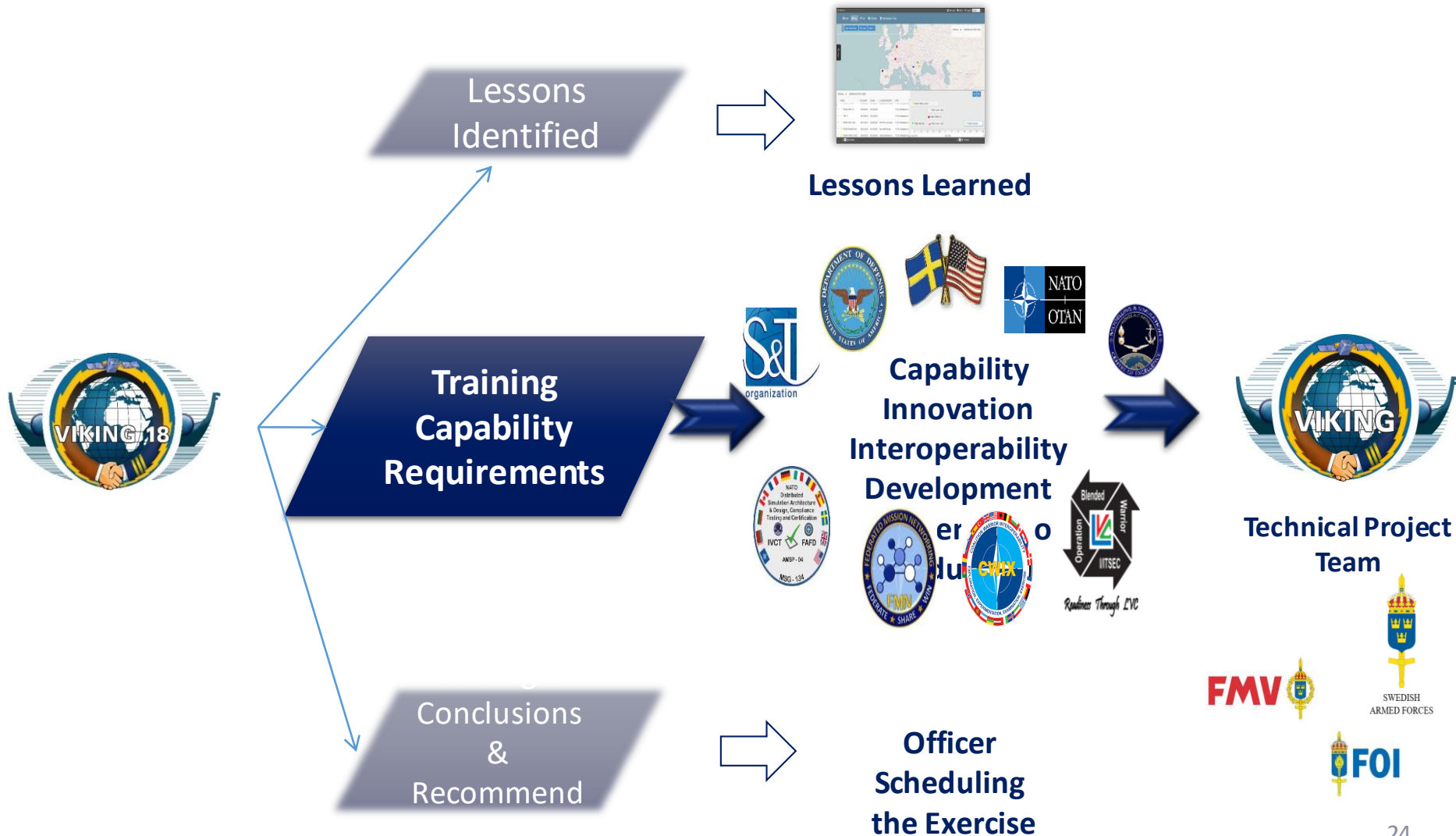


## UN TA

EVAL Survey 9



# Development Process from VIKING 18 to Next VIKING



# **SOME WORDS ABOUT VIKING**





# NEXT VIKING EXERCISE!



**CPX/CAX 28 March-7 April 2022**

**(Initial Planning Conference (IPC) November 2020)**

Contact:

**[viking@mil.se](mailto:viking@mil.se)**

**Phone +46 70 630 36 33**

# **Round Table Discussion**

**How to Train Military, Police and  
Civilians for A Comprehensive  
Defence Force.**

**Your Comments, Experiences and  
Thoughts!**