

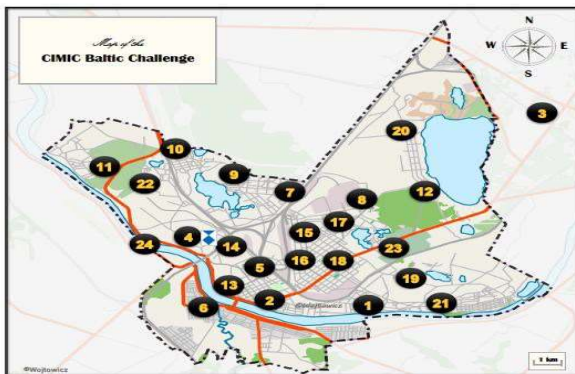
Civil-Military Cooperation Centre of Excellence *The Hague*



CIMIC WARGAMING, MODELLING AND SIMULATION A CCOE Fact Sheet

INTRODUCTION

CIMIC Wargaming, Modelling and Simulation (WMS) has been established in 2017 to introduce new training solutions into CCOE course landscape and exercises in NATO. All of the solutions are interoperable with NATO systems and responding to the Global Programming requirements. The introduction of WMS has raised the quality of the training solutions by 25% and upgraded the level of outcomes to 300 (apply) from 100 (remember).



Graph 1. Example of CIMIC Baltic Challenge map. Graph 2. Interactive simulation during CCOE NFSWC in Poland

PRINCIPLES

ADAPTABILITY, Institutional adaptation underpins NATO's political and military adaptation. The objective is an Alliance adaptable by design, where the capacity to anticipate and react to, change is integral to how we operate. (Warsaw Summit, p.137)

RESPONSIVENESS, Training gaps were identified (TRA Report), which can be addressed through adaptation of existing courses and potential development of new training solutions. A modular approach enables the use of simulations for different purposes as needed.

CCOE



RELEVANCE, WMS addresses the most urgent requirements: CIMIC in Collective Defence, Urban Warfare, Resilience through Civil Preparedness, NATO Enhanced Forward Presence and Projecting Stability. Training solutions are based on real-life data and situations.



OUTCOME

- New modules responding to evolving requirements;
- Capacity to design and implement courses within global programming cycle;
- Leveraging strengths of experienced personnel to produce practice-oriented content;
- Repository allowing knowledge transfer from residing as well as external experts;
- Tailor-made solutions;

TIMELINE

- PHASE 1 ANALYSIS 1 JANUARY 2017 – 1 JANUARY 2018
- PHASE 2 DEVELOPMENT 1 JANUARY 2018 – 1 JANUARY 2019
- PHASE 3 IMPLEMENTATION 1 JANUARY 2019 – 20 DECEMBER 2019
- PHASE 4 Handover-Takeover 1 JANUARY 2020 – 20 DECEMBER 2020

CIMIC specific tasks and implications:

<i>Name</i>	<i>Topic</i>	<i>Purpose</i>	<i>Level</i>
<i>CIMIC Baltic Challenge</i>	Deterrence, Host Nation, Communication	NATO CIMIC Field and Staff Worker Course	Tactical 300
<i>Peacekeepers</i>	Frozen conflict, border incident	NATO CIMIC Liaison Course	Tactical 300
<i>Dam in Distress</i>	Comprehensive approach, combat, critical infrastructure	NATO CIMIC Functional Specialist Course	Tactical 300
<i>Resilience Module 2019</i>	Resilience through Civil Preparedness, Host Nation Support	NATO CIMIC Higher Command Course	Operational 300-400
<i>Escape Room</i>	Introduction, team-building	NATO CIMIC Higher Command Course	(modern training technique)
<i>CIMIC Mosaic</i>	Introduction, team-building	NATO CIMIC Functional Specialist Course	(modern training technique)





<i>Urban CIMIC: Mosul Case Study</i>	Urban Warfare, CIMIC in high-intensity combat,	Demonstration during conferences, workshops, external events	Operational 200-300
<i>CIMIC Core functions: Skripal Case Study</i>	CBRN, Host Nation Support, CA-NATO Synchronization, Eastern Flank	Civil Affairs familiarization course, MNCNE Szczecin Wargaming	All levels 300-400
<i>Exercise introduction game</i>	Introduction, team-building, country book familiarization	Joint Cooperation 2019	(modern training technique)
<i>Collective Defence: Faroe Islands Case Study</i>	Collective Defence, Liaison, Host Nation, Maritime CIMIC	NATO CIMIC Liaison Course, Denmark satellite iteration	Tactical 400

Table 1. Inventory of the WMS as of 14 November 2019.

IMPLEMENTATION

All CCOE courses have integrated one or two simulations. Depending on the training audience and specific purpose, the Course Director may choose from alternative modules presenting different topics.

STATUS

CIMIC Wargaming, Modelling and Simulation project is on schedule, delivered all required training solutions and has provided additional modern training techniques in courses and exercises. During phase 4, the contractor, Ms. Natalia Wojtowicz provides instructors and course directors with the training to execute the new solutions. The project is planned to end in 2020.

Further information can be found at

<https://www.cimic-coe.org/training-education-stories/modelling-simulation-ms/>

CCOE

CIVIL-MILITARY COOPERATION
CENTRE OF EXCELLENCE

Visiting Address:
Brasserskade 227A
2497 NX The Hague
The Netherlands

Reception: +31 (0) 15 2844702
Registry: +31 (0) 15 2844241
Email: info@cimic-coe.org
Web: www.cimic-coe.org

WWW.CIMIC-COE.ORG

