



## NATO Allied Command Transformation

# Joint Force Development Experimentation & Wargaming Branch Fact Sheet – Multi-Domain Operations in the Urban Environment (MDO UE) Concept Validation

### **Background:**

The MDO in UE Concept validation event is a required step within the NATO CD&E process. The validation event is to be conducted at JFC NP over the period 6-17 Feb 23. The event will provide the end users, in this case the JFCs, SSCs, Hungarian Defence Forces (HDF), HQ Allied Rapid Reaction Corps (HQ ARRC) and other operational staffs, the opportunity to test the concept through participating in a Concept Development Assessment Game (CDAG). The CDAG consists of three parallel operational level wargames set within a fictitious and future scenario, supported by operational analysis teams, external observers and an experimental Modelling and Simulation (M&S) validation event model.

This cross-cutting and Bi-SC event has been designed by ACT's Experimentation & Wargaming Branch (EWB), with significant contracted support in order to provide ACT's Operational Analysts (OA) the opportunity to validate the concept on behalf of ACT's Concept Development Branch. The event will be authenticated by SHAPE staff and a Senior Mentor.

The first week will provide participants with concept training, scenario and ORBAT briefs, a capability card brief, wargame process briefs and the opportunity to establish and rehearse internal staff planning requirements in preparation for the second week. The second week will consist of the three teams conducting four wargames based around four different vignettes, which sit within the general scenario, utilising the spectrum of conflict, based on a "friendly city".

Each wargame will be led by a Facilitator who will drive the wargame process. They will be supported by an OA, who will collect the data and a Concept Advisor who will be able to answer questions about the concept as required and ensure the facilitators are independent of the concept. All planning teams will receive centralised vignette briefs in order to commence planning with common information & have the opportunity to select capability cards which have been designed to reflect the capability requirements raised in the concept across all five domains (Land, Maritime, Air, and Space & Cyber). The Blue planning teams will be supported by Green (Host Nation) and White (Civil) Subject matter experts and will be pitted against an adversary (Red) team.

### **Aim:**

The aim of the event is to validate the MDO UE concept as NATO operational level concept. An additional aim is to demonstrate, with evidence, that concept effectively addresses the problem. The event also aims to evaluate the applicability of the 6 x MDO UE principles in their application of urban ops planning and execution: Interconnectivity, Creativity, Unity, Understanding, Interaction, and Agility. An objective is to compare the differences between a Multi-Domain Task Force approach and a traditional Joint Task Force approach in the UE. Another objective is to validate the capability requirements that have been defined in concept for future urban operational warfighting, and identify potential others.

### **WDI:**

MDO UE aligns under Allied Command Transformation Warfare Development Imperative (WDI) – Integrated Multi-Domain Defence.

### **Category:**

Standalone Experimentation

**Sponsors:** NATO Allied Command Transformation; Strategic Plans and Policy Directorate; Concept Development Branch

**Headquarters:** NATO Allied Command Transformation; Joint Force Development Directorate; Experimentation & Wargaming Branch

**EWB:** JFD EWB delivers transformation to the Alliance through the conduct of experiments and wargames. Visit [www.act.nato.int/ewb-pressroom](http://www.act.nato.int/ewb-pressroom) for more information, or visit us online at the CDE365 Website located on [NATO's Transformation Network](#).

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