



NATO Allied Command Transformation

Joint Force Development Experimentation & Wargaming Branch 2023 Fact Sheet – Future lethality and force mix of Directed Energy Weapons

- Background:** Directed Energy Weapons will feature on a future battlefield, offering significant Operational Advantage to those forces who have them in service. Conversely, adversary use of such weapons could put military operational advantage at risk.
- It is expected that DEW will augment existing capabilities rather than replacement of conventional capabilities and they will therefore need to be well understood to operate alongside conventional seamlessly. This will include interoperability across nations.
- Aim:** The understanding of how DEW can increase capability by delivering conventional missions ‘better’ or more efficiently, or by offering an alternative solution that may fundamentally change how forces fight, including capability in the sub-threshold. This will have implication across the DOTMLPFI-P lines of development.
- WDI:** Future lethality and force mix of Directed Energy Weapons aligns under Allied Command Transformation Warfare Development Imperative (WDI) - Influence and Power Projection and Integrated Multi-Domain Defence.
- Category:** Multinational Capability Development Campaign 2023-24
- Sponsors:** NLD and USA
- 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 for more information, or visit us online at the CDE365 Website located on [NATO’s Transformation Network](#).
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