

MISSION

IAMD - CoE'S mission is:

- To enhance the interoperability and support the development and exploitation of IAMD capabilities of the Alliance, NATO Nations and Partners.
- To provide opportunities of comprehensive research, experimentation, doctrine and concept development and testing, education and training and collateral analysis support in the lessons learned process.

VISION

To act as internationally recognized focal point for IAMD knowledge and expertise to support NATO transformation, committed to the Alliance key values and principles

MOTTO

The motto of IAMD - CoE is "ACT KNOWING", a phrase of Pittacus (640 - 568 BC), a Mytilenean General, one of the seven wise man of Ancient Greece which means be fully aware of the situation before acting.



INTEGRATED AIR & MISSILE DEFENCE

Centre of Excellence

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COE'S MAJOR ACTIVITIES

EDUCATION & TRAINING

IAMD CoE leads the delivery of Surface-Based Air & Missile Defence (SBAMD) Common Education & Training Program (CET-P) course, which prepares NATO members for IAMD trainings, exercises, and missions. IAMD CoE also supports NATO exercises (such as RAMSTEIN LEGACY, RAMSTEIN FLAG, RAMSTEIN GUARD, TECHNICAL INTEROPERABILITY EXERCISE, etc.) with SMEs in the domain of IAMD as well as the IAMD Discipline in accordance with Global Programming.

ANALYSIS & LESSONS LEARNED

IAMD COE makes an effort to develop the Integrated Air and Missile Defence Lessons Learned Community of Interest (IAMD LL COI). The aim of the Community is to become a valuable and reliable source of information and knowledge for all NATO entities and personnel interested/involved in IAMD. IAMD COE participates in the main Lessons Learned related activities, supporting NATO's transformational effort by facilitating the Lessons Learned Process and providing opportunities for cooperation amongst IAMD stakeholders by organizing an annual coordination meeting.

DOCTRINE DEVELOPMENT & STANDARDIZATION

The IAMD COE actively engages in the Allied Joint Operations Doctrine Working Group (AJOD WG), which is a central event for Alliance Doctrine and Standardization staff. The Centre is committed to supporting NATO in the ongoing development and revision of IAMD-related documents. As active contributors, IAMD COE plays a key role in the writing teams for revisions of Allied Administrative Publications, in line with the objectives set out in the Allied Joint Doctrine Campaign Plan (AJDCP). Our center is deeply involved in various working groups related to our Focus Areas, allowing us to closely monitor and contribute to the latest trends and developments in our field. This underlines our COE's commitment to advancing the capabilities and interoperability of Integrated Air and Missile Defense within the wider NATO framework.

CONCEPT DEVELOPMENT & EXPERIMENTATION

Contributes to Concept Development activities related to IAMD mission; Supports SACT's and NATO members' effort in the Layered Resilience Concept development, part of the NATO Warfighting Capstone Concept (NWCC); Provides technical and academic expertise to NATO, NATO nations, and partner nations; Monitors the existing and anticipated CD&E initiatives within other COEs and other NATO IAMD stakeholders to identify potential synergies and cooperation opportunities, with a primary focus on Emerging Disruptive Technologies (EDT) such as C-UAS and Hypersonics. In this regard, collaborates with the Technical University of Crete (TUC), School of Production Engineering and Management, Turbomachines and Fluid Dynamics Laboratory, and the Institute of Computer Science, Foundation of Research and Technology -Hellas.(ICS) / FORTH.

FOCUS AREAS

- Offensive/ Defensive options in support of IAMD
- Passive Air & Missile Defence
- Surveillance
- Technical and Procedural System Integration

ANNUAL CONFERENCE

IAMD CoE organizes Annual Conference in which it is anticipated to attract senior representatives from the military, academia and industry. During the conference, several issues are presented and further discussed such as: The current Geostrategic Military Situation for the Euro-Atlantic Partners; The new era of Threats for the Euro Atlantic area; The way NATO will meet today's and tomorrow's IAMD challenges; and how IAMD is going to contribute in NATO's Deterrence and Defence Posture.

LABORATORY DEVELOPMENT INITIATIVE

It is commonly known that the benefits of modelling and simulation are numerous, providing risk-free experimentation, education, and training, exploration of alternatives, dynamic visualization of political, military, economic, social, informational, and infrastructure environments. These challenges are crucial to assisted decision-making, defence planning, operations planning, mission rehearsal, education, training, exercises, wargaming, analytical studies, and lessons learned.

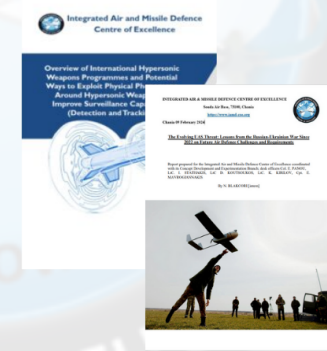
Taking cognizance of the challenges in the IAMD arena, the SACT's vision and intent, and the benefits of the opportunities to be opened, IAMD COE has initiated the development of a Modelling & Simulation laboratory.

COE'S PUBLICATIONS

ANNUAL JOURNAL



STUDIES



- Counter Unmanned Aerial Systems (C-UAS)
- Counter Rockets, Artillery & Mortars (C-RAM)
- IAMD's role in Anti-Access/Area Denial (A2/AD)