



People's Democratic Republic of Algeria



**INTER-REGIONAL WORKSHOP ON ENHANCED CIVIL-MILITARY
COOPERATION IN ATM AND FLEXIBLE USE OF AIRSPACE 2026**

The Algerian Model of Civil–Military Airspace Coordination

*From National Policy to Tactical Operations Enhanced by Building
Trust, Shared Goals, and Communication*

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Agenda – Algeria's Civil–Military Coordination Experience

Safety and efficiency are not built by rules alone
they are built by people who trust each other
and share a common goal.

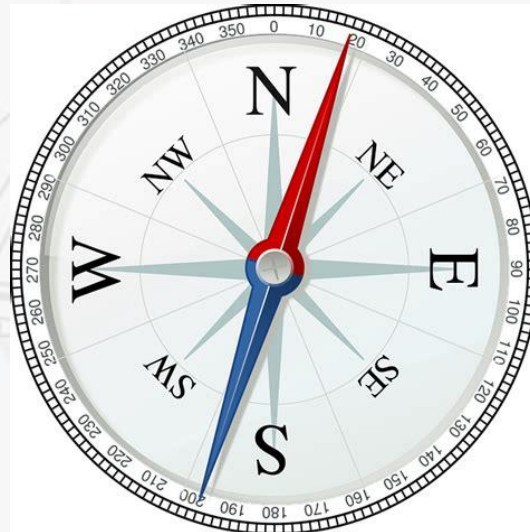
Agenda – Algeria’s Civil–Military Coordination Experience

1. High-Level National Policy
2. Airspace Committee (CEA) & Working Groups
3. Ops Team Pre-Tactical / Tactical Coordination
4. Cross-Team (Civil/Military) Building Exercises

1. High-Level National Policy

Presidential Decree 06-151 (year:2006)

Our Compass



**Guides civil–military
coordination at all levels**

Algeria's Civil–Military Coordination Experience

Articles 3, 4 & 6 of the Decree 06-151

One airspace

Civil needs + Military needs

A map of Algeria is shown with a light blue grid overlay. The map is centered on the country's geographical outline. The text 'Find smart solutions that satisfy both needs at the same time' is overlaid on the map in white and yellow.

Find smart solutions
that satisfy **both needs**
at the same time

Algeria's Civil–Military Coordination Experience

Articles 16, 17 of the Decree 06-151

Why we coordinate:

- ✓ prevent dangerous situations between civil and military aircraft
- ✓ use national airspace efficiently

How we coordinate:

- ✓ **Strategic level:** alignment of civil and military development plans
- ✓ **pre-tactical/Tactical level:** exchange of flight plans and airspace use information
real-time operational information (*radar picture, in-flight updates*)
flexible use of each other's reserved airspace, when operationally possible

Algeria's Civil–Military Coordination Experience

Articles 18 of the Decree 06-151

Consultation at **all levels**

Strategic – Pre-tactical – Tactical

Decisions made collaboratively (**CDM**)

Algeria's Civil–Military Coordination Experience

Articles 19-22 of the Decree 06-151

Creation of **National Civil–Military Airspace Committee (CEA)**

Mission:

A **high-level interministerial body** ensuring strategic civil–military aviation coordination, planning harmonization, and safety oversight for air navigation management.

Equivalent to the **Civil–Military Aviation Policy Board (CMAB)** as described in **ICAO Doc 10088**

Airspace Committee (CEA)– *Composition and Working Arrangements*

Balanced Civil–Military Composition

- ✓ **Co-Chairs:** Director General of Civil Aviation Authority & Territorial Air Defense Forces Commander
- ✓ **4 Senior civilian** members & **4 senior military** members

Working Method

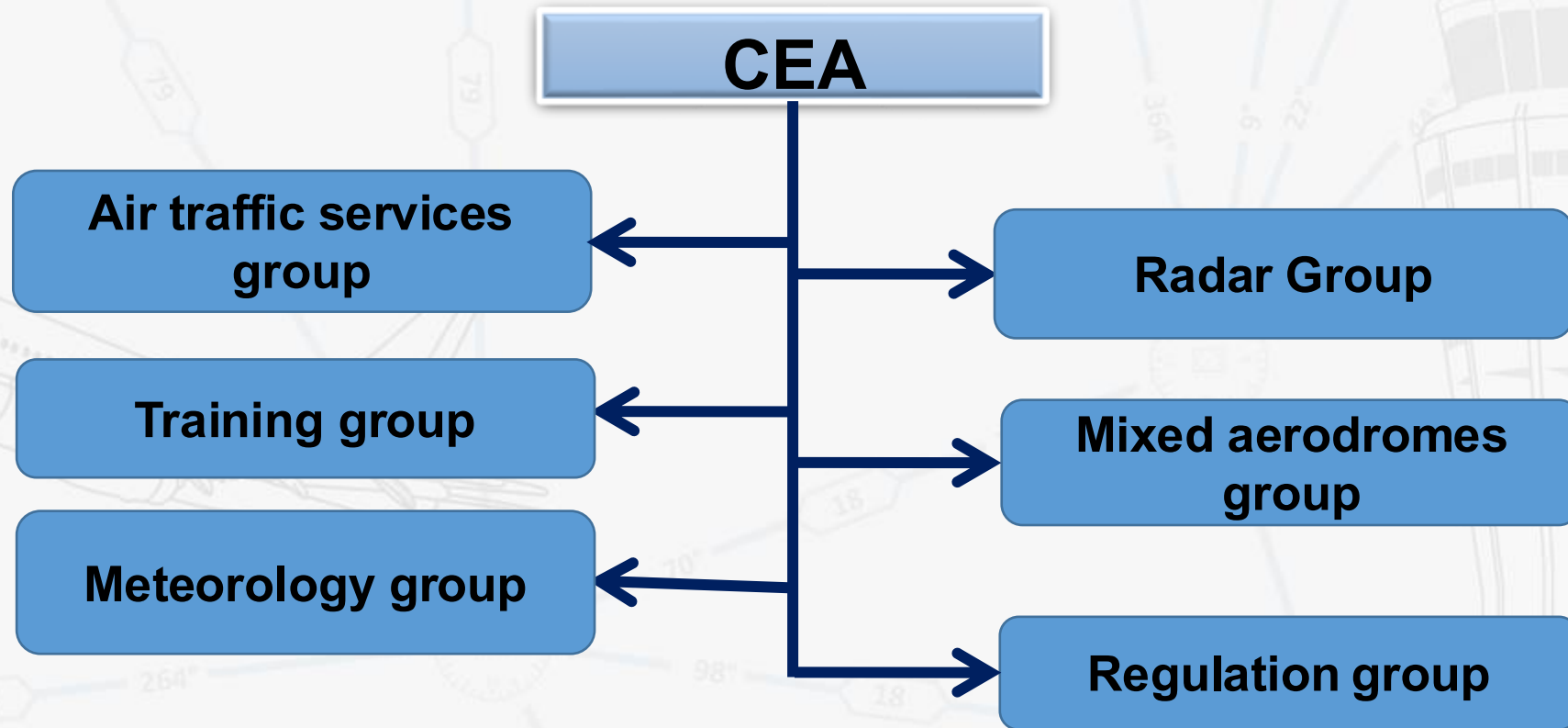
- ✓ Collaborative Decision-Making (**CDM**)
- ✓ Shared objective: **safe, efficient, and optimized use of airspace**

Airspace Committee (CEA)– *Composition and Working Arrangements*

The Airspace Committee is supported by **multiple specialized working groups** covering different **airspace management domains**, providing expert input and recommendations.

These working groups correspond to the committees recommended in **ICAO Doc 10088, Part 3.2.1.7**.

Airspace Committee (CEA) Working Groups



Algeria's Civil–Military Coordination Experience

Articles 24 of the Decree 06-151

Civil–Military Aircraft Separation

- ✓ The separation of military air traffic from general air traffic is the responsibility of **military air traffic service units**.
- ✓ This responsibility is exercised **with due regard for the safety of civil aircraft**, in accordance with **ICAO Article 3(d)**.

Algeria's Civil–Military Coordination Experience

Articles 28 of the Decree 06-151

Authorizes and encourages the creation of **Conditional Routes (CDR)** through military reserved areas to **ensure efficient traffic flow**.

Articles 29 of the Decree 06-151

Creation of the **operational pre-tactical and tactical civil–military coordination unit** in the civilian ACC (Area Control Center).

Military Coordination Detachment
Coordination Militaire Détachement (**CMD**)

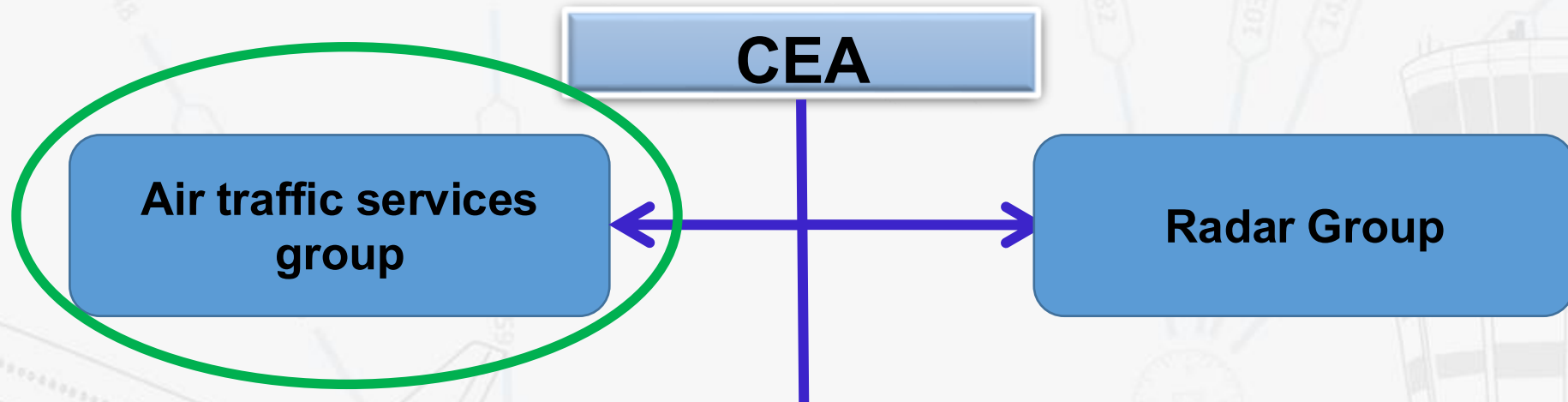
Equivalent to the **Airspace Management Cell (AMC)** as described in ICAO Doc 10088.

Algeria's Civil–Military Coordination Experience

Presidential Decree 06-151 **guides** efficient, coordinated civil–military use of national airspace

- ✓ The national airspace is a common resource and shall be used efficiently to meet both national security and economic needs.
- ✓ Creates the Civil–Military Aviation Policy Board (CMAB).
- ✓ Creates the civil–military operational-tactical units (DMC).
- ✓ Use of **CDM** at all levels: strategic, pre-tactical, and tactical.
- ✓ Authorizes Conditional Routes (**CDR**) through military areas to ensure efficient traffic flow.

2. Airspace Committee (CEA) & Working Groups



Mission of Groupe ATS: Strategic planning of airspace management; equivalent to the ICAO **Committee for Airspace Organization and Management (CAOM)** as described in **ICAO Doc 10088**.

Algeria's Civil–Military Coordination Experience

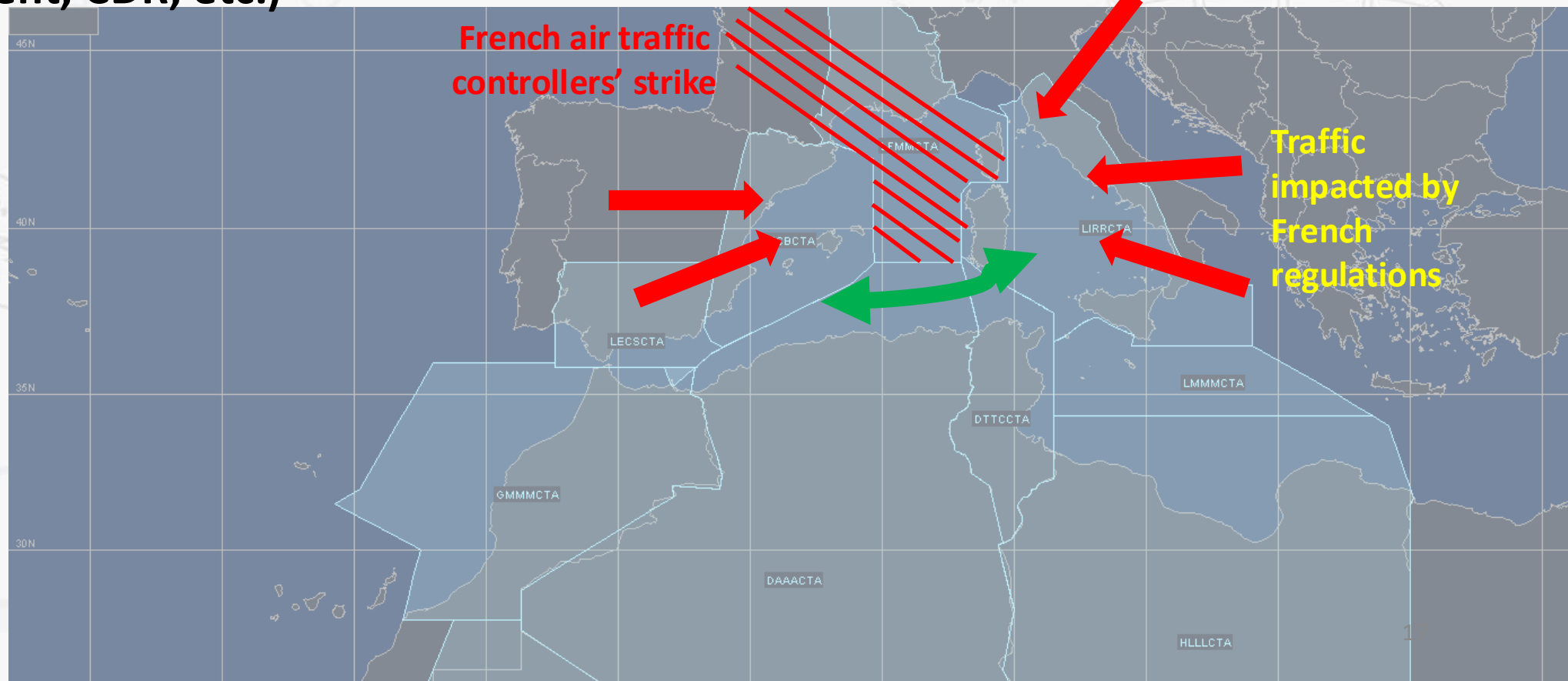
Air traffic services group



Strategic planning of airspace management

Plan and approve creation/elimination of:

Routes (permanent, CDR, etc.)



Algeria's Civil–Military Coordination Experience

Air traffic services group



Strategic planning of airspace management

Plan and approve creation/elimination of:

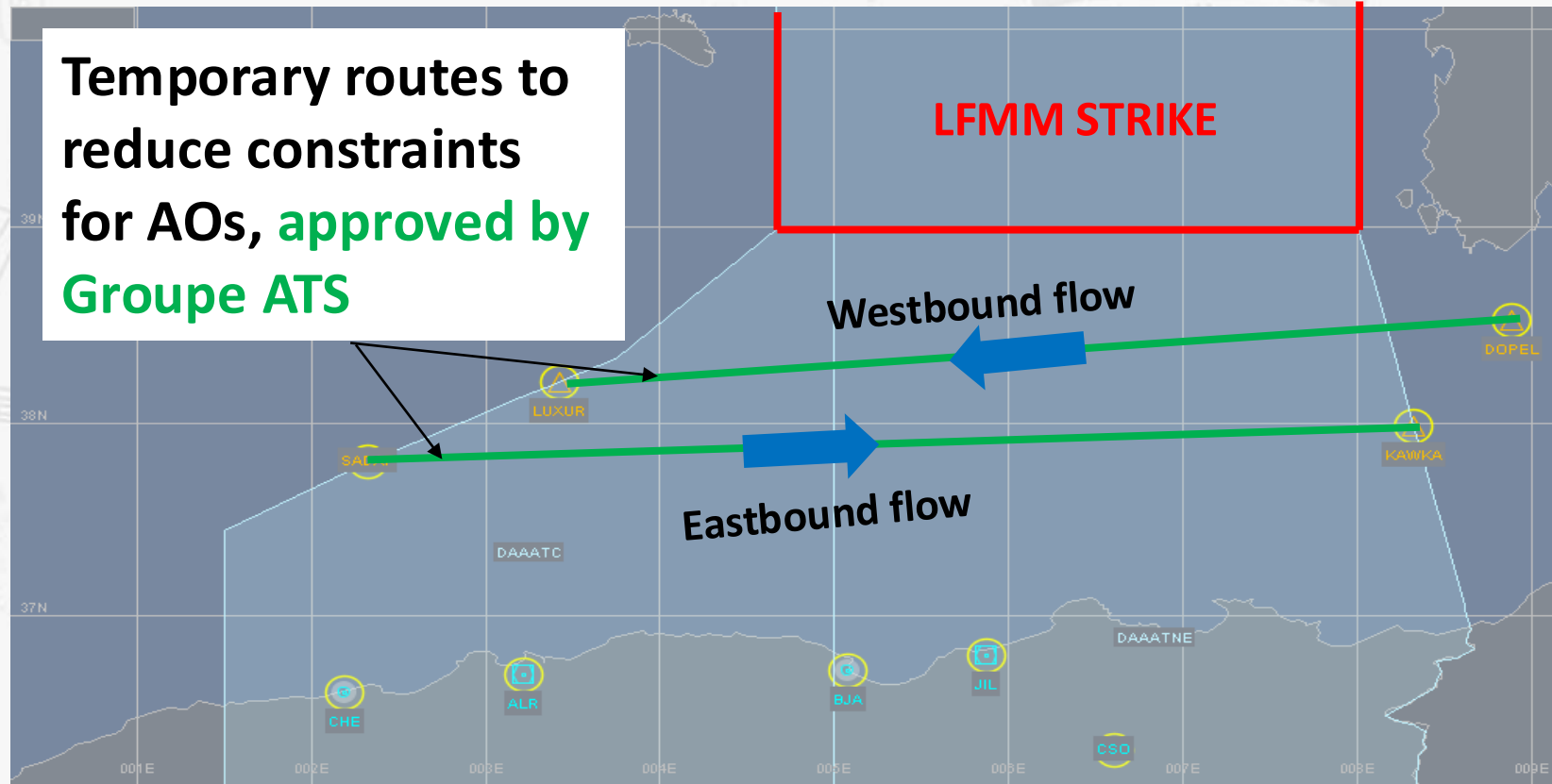
Routes (permanent, CDR, etc.)

Temporary routes to reduce constraints for AOs, approved by Groupe ATS

LFMM STRIKE

Westbound flow

Eastbound flow



Air traffic services group  **Strategic planning of airspace management**

Plan and approve creation/elimination of:

Routes (permanent, CDR, etc.)

SIDs and STARs

Reserved areas (Prohibited, Dangerous, etc.)

Supervise the development of LOAs between civil and military aviation stakeholders

3. Ops Team Pre-Tactical / Tactical Coordination

Military Coordination Detachment

Détachement de Coordination Militaire (**DCM**)

- ✓ **Physically** located in the Algiers ACC
- ✓ Ensures pre-tactical and tactical coordination between **military units nationwide** and all **civil ATC units**

3. Ops Team Pre-Tactical / Tactical Coordination

Example: **Management of a Special Event**

Airshow – 70th Anniversary of the Algerian War of Independence:

Closure of Algiers **main airport** (DAAG) for **several hours** over **multiple days**

Pre-tactical/tactical Management

Coordination meetings between:
DMC (military partner), **ACC**,
ATFM, **DAAG**, aircraft operators

Use of **CDM principles**



Objectives:

Successful conduct of the celebration
Minimum constraints for AOs

Algeria's Civil-Military Coordination Experience



Enhancing Communication and Trust

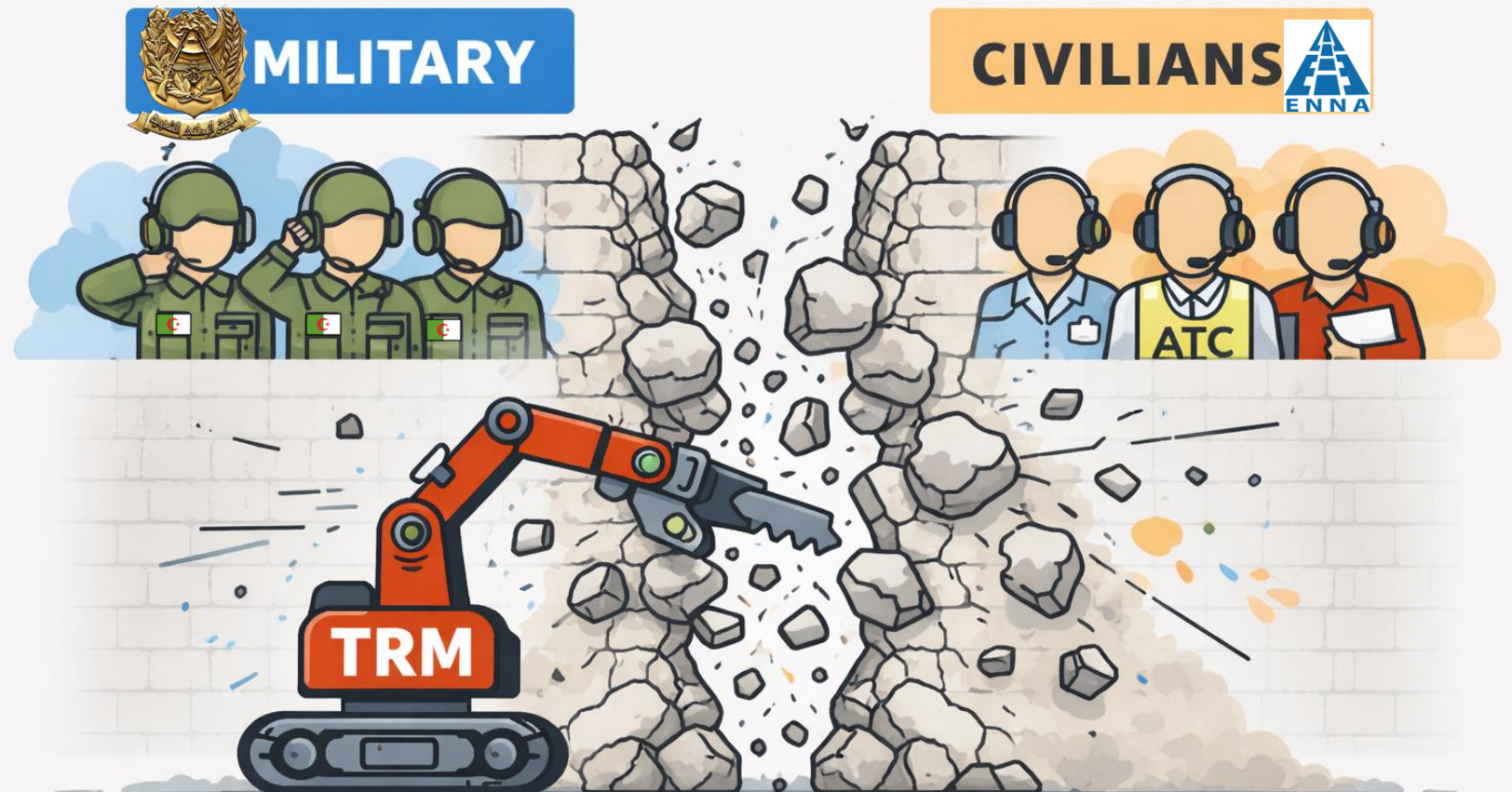
4. Cross-Team (Civil/Military) Building Exercises

Team Resource Management (**TRM**)

- ✓ Building **trust** between teams (CIVIL & MILITARY)
- ✓ Enhancing **communication**
- ✓ Reinforcing **understanding of the national objective**
Efficient national airspace use that balances civil and military needs.

Team Resource Management (TRM)

TRM breaks the **wall**,
bringing **Military DMC** and
ACC teams together **to**
work as one



Algeria's Civil–Military Coordination Experience

Team Resource Management (TRM)

TRM session: an **interactive** workshop bringing together **Military (DMC/AMC)** personnel and **ACC supervisors**, facilitated by a moderator .



Team Resource Management (**TRM**)

1. Pre-session questionnaires

Distributed **weeks** before the TRM session to Military personnel and ACC supervisors to identify current operational weaknesses and opportunities for improvement, and to **support the preparation of TRM session agenda items.**

2. TRM session

One-day **facilitated** workshop.

3. Post-session follow-up

Post-session questionnaire and **actions to implement the recommendations discussed and approved during the TRM session.**

Team Resource Management (**TRM**)

2. TRM session

TRM Session Agenda:

1. Share key **questionnaire insights** to **spark discussion** on gaps and collaboration opportunities between Military DMC and ACC teams
2. **Communication Icebreaker**: “Repeat What You Heard”
3. **Case Study**: Real Civil–Military Coordination Event
4. Open Discussion: Coordination **Gaps** & **Improvement Opportunities**

Team Resource Management (**TRM**)

3. Post-session follow-up

3.1. The questionnaire aims to:

- ✓ Evaluate the session's effectiveness
- ✓ Assess learning and understanding
- ✓ Gather feedback for future TRM sessions

3.2 Implement the actions agreed during the TRM session and inform participants of their completion.

Other civil military coordination Context..

SAR Committee



Proper national Framework

- Presidential decree n°94-457
- Interministerial Order of 20 June 2025





Thank you