



REPUBLIC OF TÜRKİYE - MINISTRY OF INTERIOR
**DISASTER AND EMERGENCY
MANAGEMENT AUTHORITY**

AFAD

TÜRKİYE'S APPROACH TO CBRN INCIDENT SCENE MANAGEMENT

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- CBRN Legislation
- Incident Management Planning
- CBRN Response
- AFAD Activities



Presidential Degree No.4 / General Directorate of Disaster Response

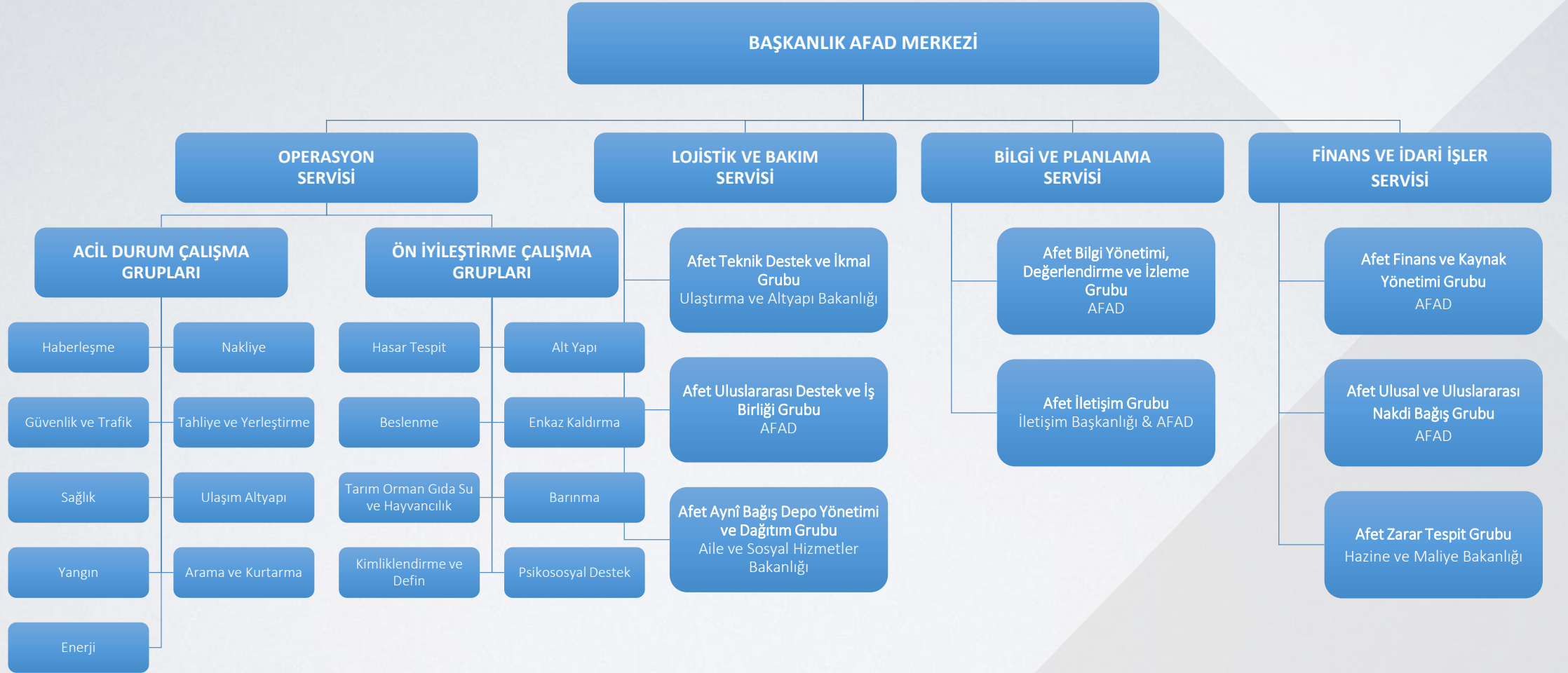
« To identify the precautions to be taken and the studies to be done against the hazards posed by chemical, biological, radiological and nuclear substances and to ensure coordination between the related ministries, public and private institutions and organizations. »



- 1 Coordination between institutions
- 2 Establish the necessary systems for the announcement of threat and danger news
- 3 Evaluate notices and notifications, to coordinate the intervention
- 4 Carry out risk and mitigation activities
- 5 Ensure co-operation and co-ordination for the production of CBRN tools, equipment and materials with domestic facilities

- 6 Establishment of incident management standards
- 7 Organising information and cooperation meetings at regular intervals
- 8 Organisation of national and local level drills
- 9 CBRN awareness and knowledge raising activities









A standard operating procedure (**SOP**) is a set of step-by-step instructions developed to help first responders perform routine operations.



MULTIDISCIPLINARY APPROACH

- Law enforcement, intelligence services
- Search and rescue units
- Fire brigades
- Medical units (including psychosocial units)
- Military
- Laboratories
- Universities
- Private sector
- NGOs
- Public

RESPONSE

- Defining the problem quickly
- Multi-disciplinary response approach in the field
- Secondary threats
- Mass decontamination
- Public communication / worried well
- CBRN triage
- Evacuation

EQUIPMENT

- Sensitivity, false alarms, consumables
- Local production
- High price
- Distributor issues
- Maintenance, calibration, etc.

TRAINING & AWARENESS

- Awareness of institutions
- Awareness of managers
- First responder awareness (medical, law enforcement, customs, etc.)
- Standardization of training programmes
- Refreshment trainings
- Training of civilians?
- Effectiveness of exercises

PLANNING & RISK MITIGATION

- Risk management methodologies
- Emergency management plans
- Coordination issues
- Intelligence?

INFRASTRUCTURE

- Laboratories
- Accreditation
- Critical infrastructure protection
- Shelters

COMMUNICATION

- Personnel communication
- Public communication
- Standard reporting
- Warning and alarm systems

HUMAN RESOURCE

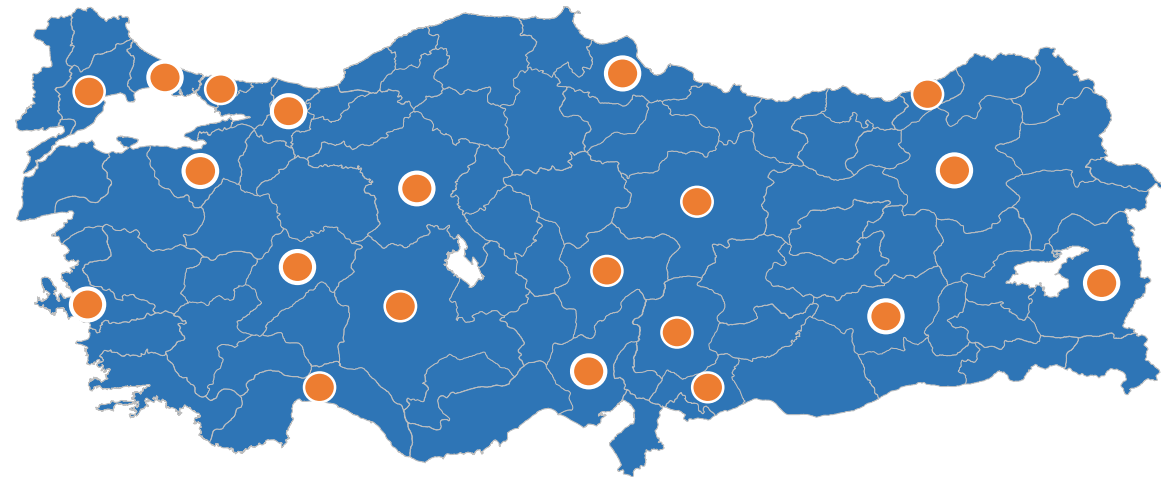
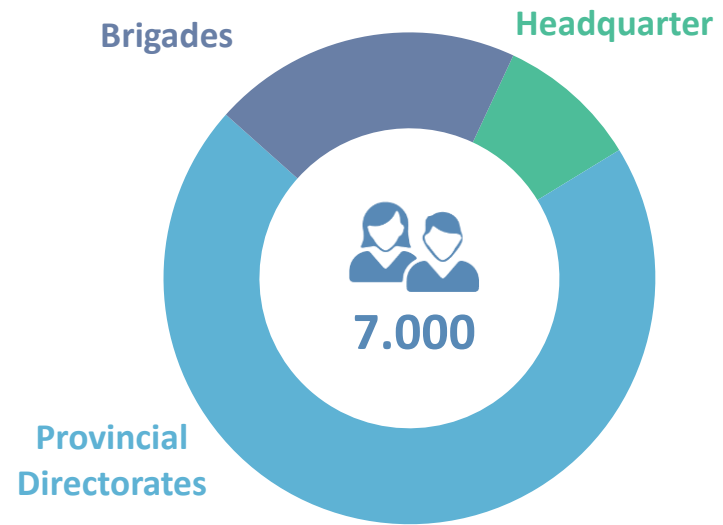
- Number and quality of staff
- Staff working directive, legislative infrastructure
- Work motivation / compensation
- Integration into the volunteering system

LEGAL BASIS

- Compliance with international standards
- National legislation issues
- Legal control of dual-use materials
- Difficulties in the implementation and supervision of legislation

CBRN Emergency Call Receive	112
Preparation Process for First Response	AFAD
On-Scene Entry Planning	AFAD, Relevant Institutions
Reconnaissance and Detection	AFAD
Search and Rescue	AFAD
Medical Response	Ministry of Health
Sampling & Analysis	AFAD, TENMAK, SB, ÇŞB, TOB
Forensics	Law Enforcement
Decontamination	AFAD, Fire Brigades
Waste Disposal	Ministry of Environment
Public Communication	Relevant Institutions
Warning and Alarm	AFAD
Reporting	Relevant Institutions
Evacuation	Gendarmarie





81 Provincial Directorates ●
20 Search and Rescue Brigades ●



CBRN STRATEGIC PAPER AND ACTION PLAN (2025 - 2029)

NATIONAL TRAININGS

- CBRN Awareness and Suspicious Mail Trainings
- CBRN Equipment Trainings
- CBRN First Intervention Trainings

INTERNATIONAL TRAININGS

NATO CBRN Regional Training Centre, AFADEM

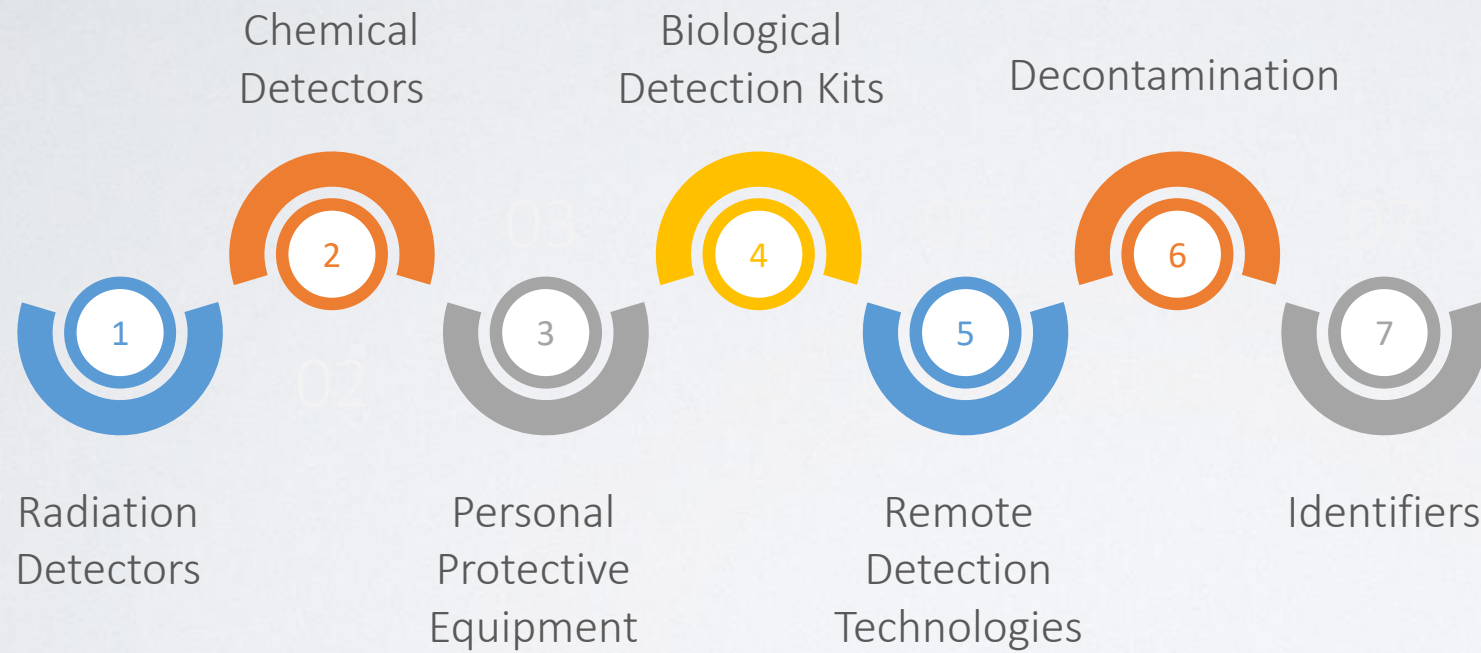
- NATO CBRN Training

Organization for the Prohibition of Chemical Weapons (OPCW)

- 15. Assistance and Protection Workshop
- I. Basic Course for Assistance and Protection
- II. Basic Course for Assistance and Protection









İĞDIR FULL SCOPE FIELD EXERCISE

(19-20 June 2019)

Preparedness drill for a possible nuclear facility accident that could occur at Armenia's Metsamor Nuclear Power Plant and affect Turkey

MERSIN RADIOLOGICAL AND NUCLEAR EMERGENCY DRILL (28 December 2022)

In accordance with URAP, a full-scale exercise should be carried out in Mersin province before fuelling the power plant. In this context;

- Within the scope of Turkey Disaster Response Plan (TAMP) and National Radiation Emergency Plan (URAP);
- With the participation of 15 disaster groups, 447 personnel and 111 vehicles,
- ‘Full Scale Mersin Radiation Emergency Drill’ was successfully carried out on 28 December 2022 in Mersin (field) and Ankara (desk).





INTERNATIONAL CBRN CONGRESS

*"CBRN Reality;
Protection Without Fear"*

05-07
DECEMBER 2017
ANKARA

Congress Venue: AFAD Convention Hall
Üniversiteler Mah. Dumlupınar Bulvarı No: 159 (Eskişehir Yolu 9. Km)
Çankaya/Ankara, Türkiye

www.cbrncongress2017.org

Registration will be done online at the congress website.
Participation is free and registration is obligatory.



II. INTERNATIONAL CBRN CONGRESS

"Redefining CBRN Risks in the New Era"

27-29
NOVEMBER 2019
ANKARA

Congress Venue: AFAD Convention Hall
Üniversiteler Mah. Dumlupınar Bulvarı No: 159 (Eskişehir Yolu 9. Km)
Çankaya/Ankara, TURKEY
<https://www.afad.gov.tr>

<https://cbrn2019.afad.gov.tr/en>

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III. INTERNATIONAL CBRN CONGRESS

*"Continuous Progress and Innovative Solutions
Against Emerging CBRN Threats"*

20-22
NOVEMBER 2024
ANKARA

Congress Venue: AFAD Convention Hall
Üniversiteler Mah. Dumlupınar Bulvarı No: 159 (Eskişehir Yolu 9. Km)
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QUESTIONS?



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