

# An Overview of Turkey's CBRN Incident Management Model



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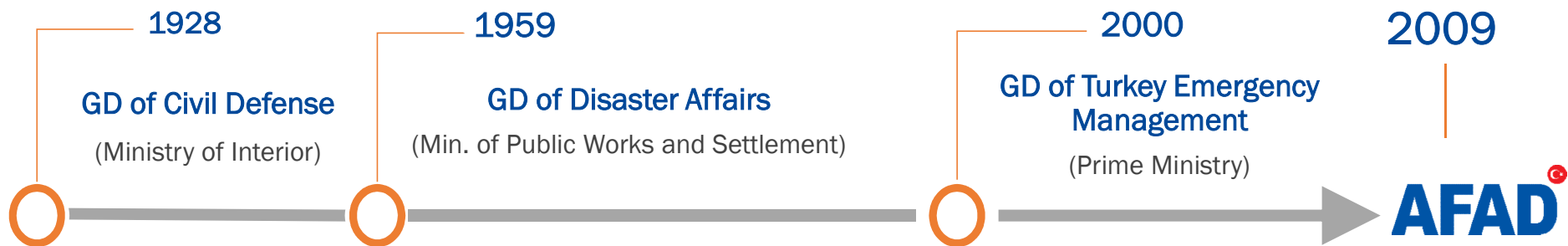
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Disaster and Emergency Management Presidency

# DISASTER MANAGEMENT SYSTEM IN TURKEY



## BEFORE

- SEVERAL INSTITUTIONS
- LACK OF EFFECTIVE AND EFFICIENT COORDINATION
- FOCALITY IN CRISIS MANAGEMENT

## AFTER

- ONE INSTITUTION-MULTIDISCIPLINARY APPROACH
- EFFECTIVE AND EFFICIENT COORDINATION
- FOCALITY IN RISK MANAGEMENT

## TRANSFORMATION OF DISASTER MANAGEMENT SYSTEM IN TURKEY



- ✓ From crisis management to risk management
- ✓ Integrated Disaster Management System
- ✓ Identify hazards and risks, measures before disasters
- ✓ Mitigation, Preparedness, Response, Recovery

## CBRN EMERGENCY MANAGEMENT SYSTEM OF TURKEY

According to the Executive Order no. 4, Ministry of Interior Disaster and Emergency Management Presidency-Civil Defense Department is responsible:

- To determine measures to be taken and identify works to be done against **Chemical, Biological, Radiological and Nuclear (CBRN)** threats and hazards and to ensure coordination between Ministries, Governmental and private institutions/agencies in this regard.

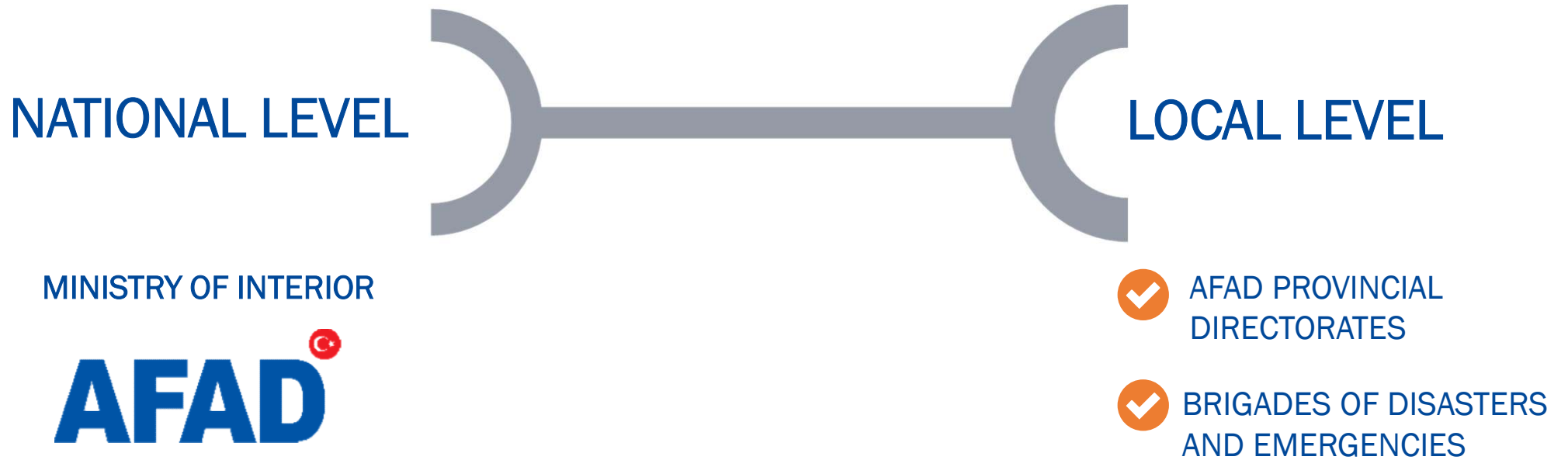
# CBRN EMERGENCY MANAGEMENT SYSTEM OF TURKEY



DUTY REGULATION ON CHEMICAL,  
BIOLOGICAL, RADIOLOGICAL,  
NUCLEAR HAZARDS

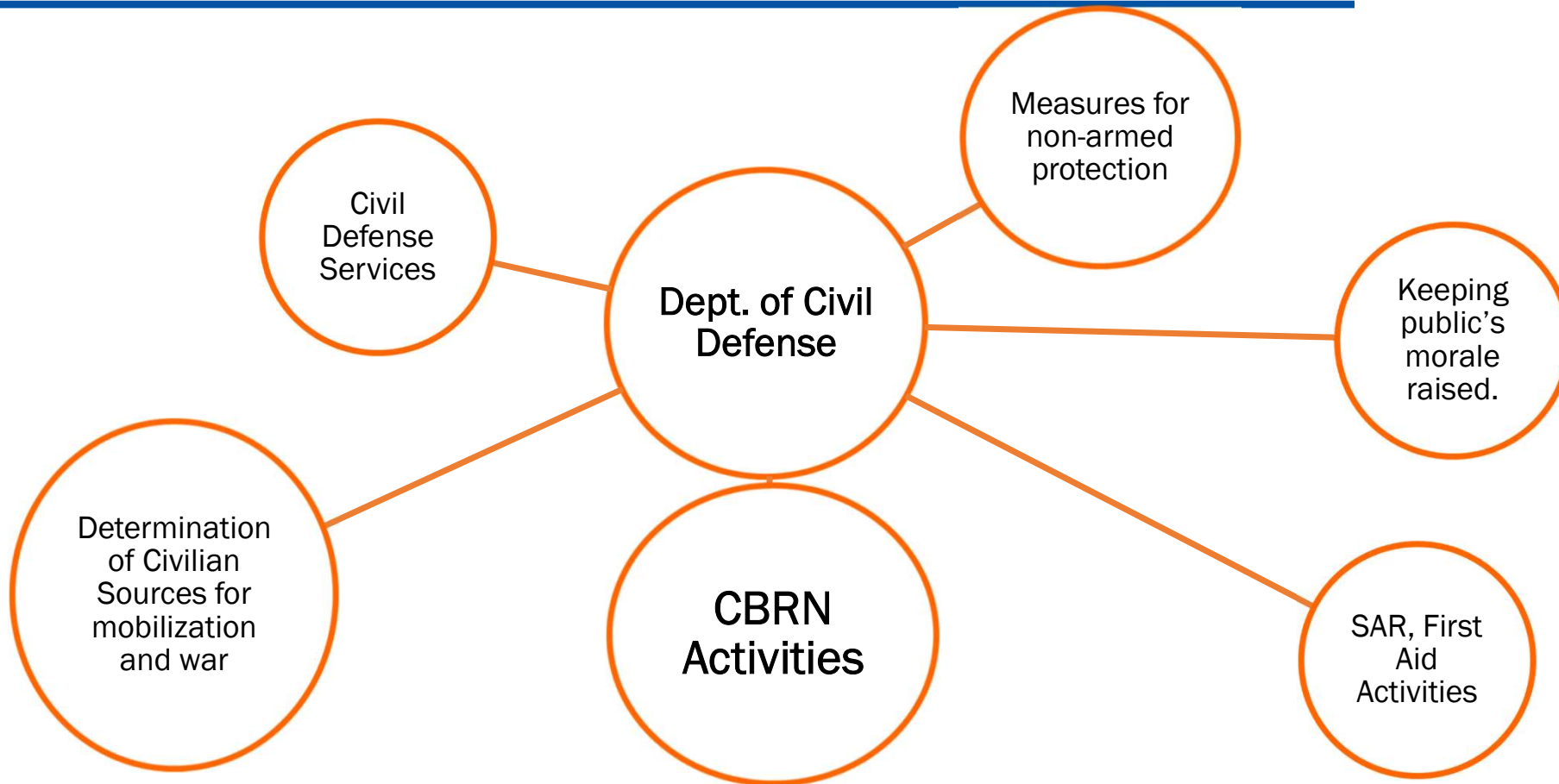
TAMP CBRN SERVICE  
PLAN

# NATIONAL AND LOCAL LEVEL MANAGEMENT SYSTEM



# NATIONAL LEVEL MANAGEMENT

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NATIONAL CBRN WORKING GROUP

# NATIONAL LEVEL MANAGEMENT





# LOCAL LEVEL MANAGEMENT

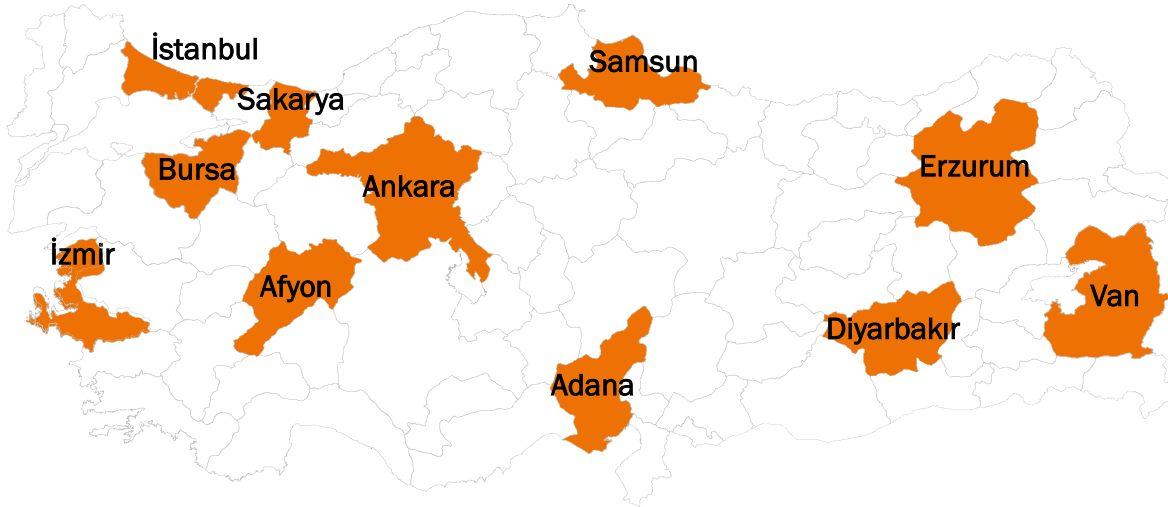
## Provincial Directorates of Disaster and Emergency

### Structure

- ✓ 81 provinces
- ✓ Administrative personnel
- ✓ Technical personnel
- ✓ Operational Staff

### Finance

- ✓ Central Authority
- ✓ Local Authority



### Duty

- ✓ Management of disaster and emergency actions in local level
- ✓ Engineering activities
- ✓ SAR operations
- ✓ Coordination between institutions

# NATIONAL AND LOCAL LEVEL MANAGEMENT SYSTEM

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Reconnaissance & Detection

Search & Rescue & First Aid

Sampling

Decontamination

Medical Services

# CBRN Incident Management

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Emergency call is received;

## GETTING PREPARED FOR HOT ZONE

- Choose proper PPE and Monitoring Devices
- Suit up and go into the emergency scene



# CBRN Incident Management

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## RECON & DETECTION

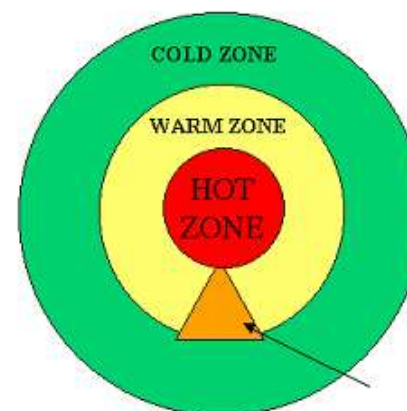
- Choose proper detection equipment
- Detect the scene and confirm the call



# CBRN Incident Management

## SETTING THE ZONES

- Determine hot-warm-cold zones
- ERG Software is used
- Security of the zones is assured (Ministry of Interior-Police)



# CBRN Incident Management

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## SEARCH & RESCUE IN THE HOT ZONE

- Search for the affected people in the hot zone and rescue them



# CBRN Incident Management

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## SAMPLING

- Choose the proper sampling kit according to the type of the sample (water, soil etc.)
- Collect the sample
- Chain of custody
- Safe transportation
- Analysis in Lab.

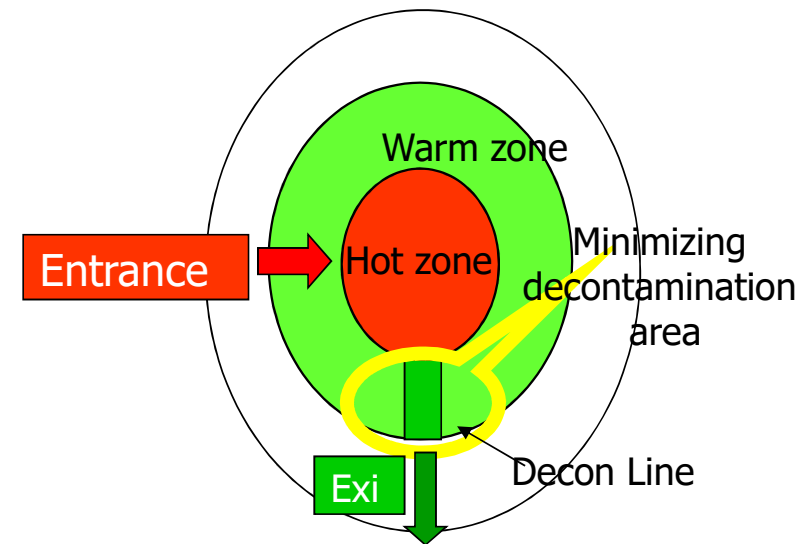


# CBRN Incident Management

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## DECONTAMINATION

- Decontamination line is set in the warm zone before the team in the hot zone get out
- Decontaminate affected people and personnel





# CBRN Incident Management

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## MEDICAL SERVICES

- Affected people transferred to medical staff after decontamination
- Their immediate medical treatment is done in the cold zone and transfer to the hospitals



  
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