

# ***Headquarters U.S. Air Force***

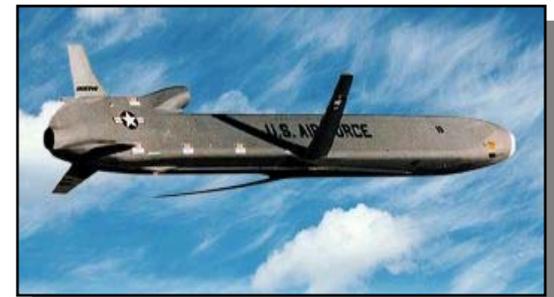
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*Integrity - Service - Excellence*

## **Fighting in a WMD Environment**



**MAJOR GENERAL BOB SMOLEN**  
**Director of Nuclear & Counterproliferation**  
**DCS Air and Space Operations**





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# ***Detering CBRNE Acquisition and Use***

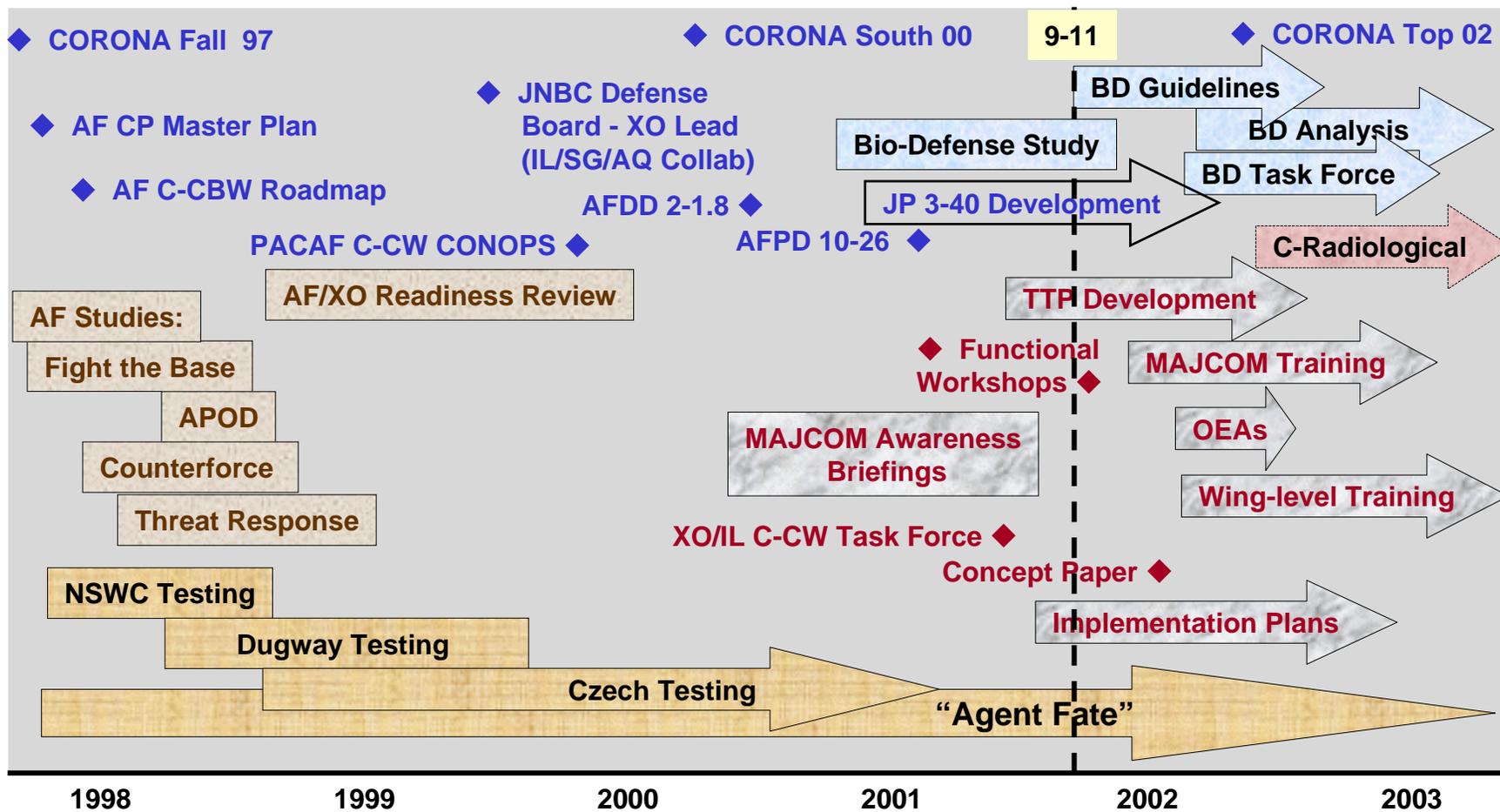
- To deter adversaries from seeking or using CBRNE USAF must be able to:
  - Deny gains by demonstrating capability to survive and operate despite WMD use
  - Defeat & intercept adversary CBRNE weapons from production to use
  - Retaliate—means to punish proliferators
- AF C-CBRNE CONOPS and other improvements critical to deterrent posture:
  - C-CW/NW elements today
  - C-BW/RW underway





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# C-CBRNE Readiness





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# ***USAF Approach for Improving C-CBRNE Capabilities***

## **Scientific and Technical**

- Improve understanding of the hazard environment
- Define most likely threat

## **Operational Analyses**

- Assess operational impacts of attacks on air bases
- Identify key enablers for mission recovery and sustainment
- Develop and test mitigation strategies

## **Operational Capability Improvements**

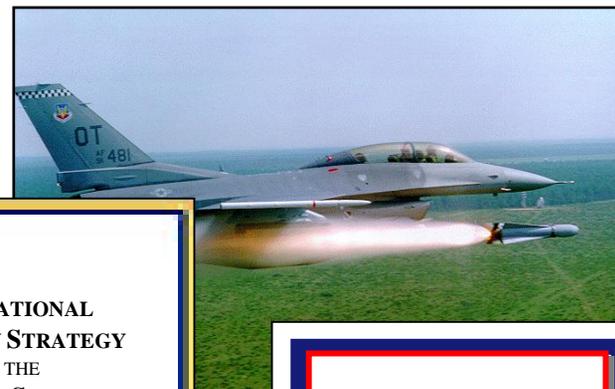
- Provide guidance and risk management tools to allow CCs to resume operations with acceptable risk
- Utilize entire force—cross functional involvement
- Train and institutionalize mission-oriented procedures



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# Defeat and Intercept

- Assess and improve CBRNE counterforce
  - Focus on C-CBRNE target requirements
  - Examine entire “kill chain”
- Include hardware and process, better decision making tools
- Collaborate with warfighter
- Support strategy of proactive counterproliferation



THE NATIONAL  
SECURITY STRATEGY  
OF THE  
UNITED STATES  
OF AMERICA



SEPTEMBER 2002

NATIONAL  
STRATEGY TO  
COMBAT  
WEAPONS OF  
MASS  
DESTRUCTION







# 2004 C-CBRNE Master Plan

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Vision / Operational Picture

- 5-year C-CBRNE vision based on National Security Strategy and CSAF CONOPS

Objectives / Capabilities

- C-CBRNE operational capabilities AF must have to meet vision

Shortfalls

- LIMFACS

Tasks

- Actions to mitigate shortfalls and improve capabilities

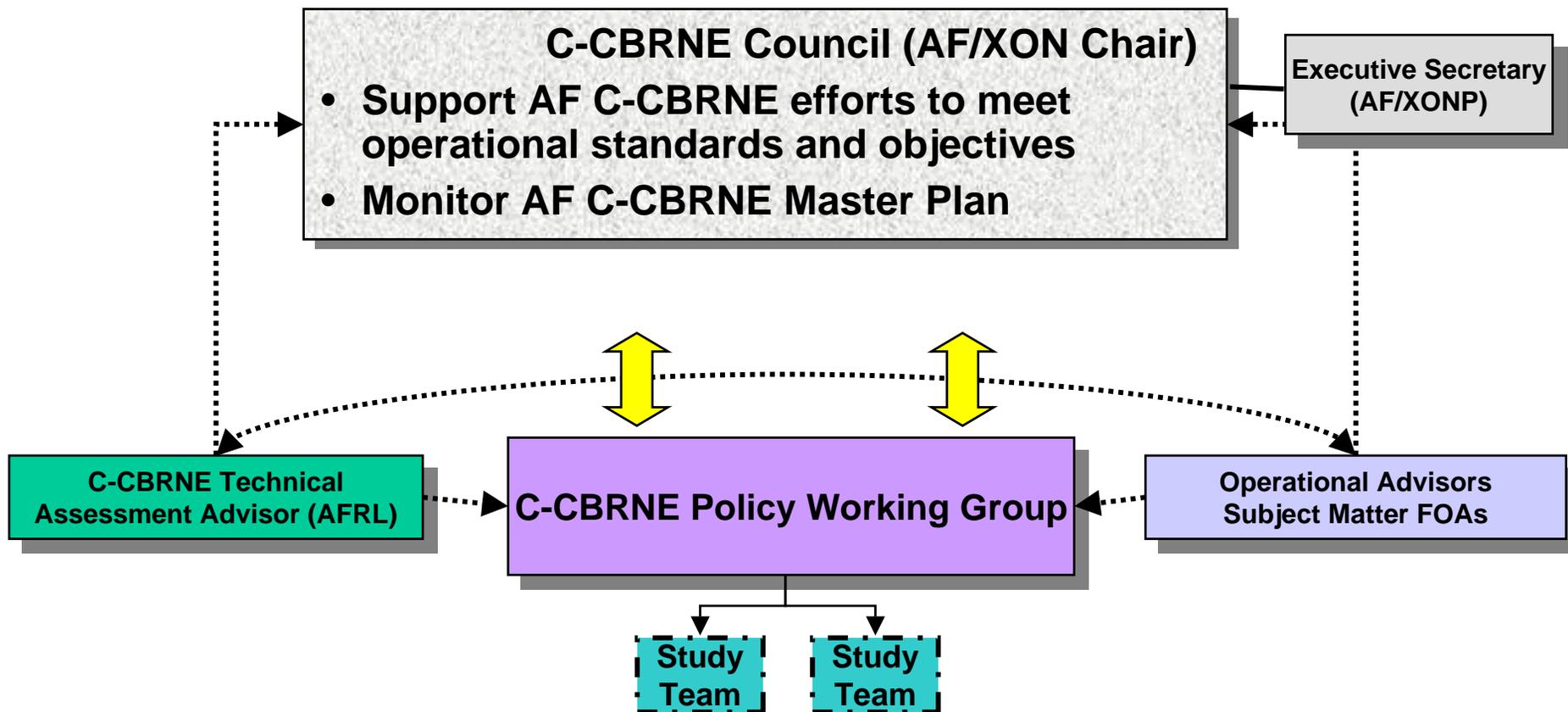
Roadmaps

- 12-18 month Organize, Train, and Equip tasks, metrics, and OPRs

*Report AF C-CBRNE ops capability improvements progress annually to the CSAF*



# USAF C-CBRNE Council: Purpose and Structure



*Provides single USAF voice on C-CBRNE issues*



# Summary

- USAF faces a fixed-site challenge--must understand air base operating environment
- No silver bullet solution—need to address capabilities across full spectrum of C-CBRNE operations
- Current initiatives improve capability – more work is needed
- Must be operationally focused
- Must leverage functional communities from HQ AF, to MAJCOM, to Wing toward common capability goals
- Integrate lessons learned from OIF

