

---

*Integrity - Service - Excellence*



# Air Force Civil Engineer Center

**Brig Gen Vince Saroni, P.E.**  
AFCEC Deputy Director  
18 Oct 2012

**U.S. AIR FORCE**

---



# What's changed?

- **We've centralized enterprise-wide asset management**
- **We're gaining efficiencies**
- **We will build upon – with an intent to grow – our industry partner relationships**



# AFCEC BLUF

- **Cornerstone of Civil Engineering Transformation**
  - Merges legacy FOA roles and missions
  - Further **centralizes** some major command and installation functions
  - Leads Air Force effort to transform and optimize key civil engineering capabilities and programs





# ***CE Transformation ... Accelerated End State Roles & Responsibilities***

---

- **HAF: Core HQ functions – provide policy, oversight, and resourcing**
- **AFCEC: Centralized program execution and CE SME clearing house**
  - Provide responsive, flexible full-spectrum installation engineering service
  - Develop expeditionary CE CONOPs and TTPs
  - Execution & tech support (RP, EQ, ERA, MILCON, O&M)
- **MAJCOM: Prioritize and advocate base/MAJCOM requirements**
  - Provide mission advocacy, prioritization, and coordination
  - Provide Component-MAJCOM support and global force management
- **CE Squadrons: Operate and sustain the base**
  - Provide ECS forces to operate, maintain and protect sustainable installations
  - Conduct emergency repairs & preventative mx according to facility condition and risk to mission/Airmen
  - Identify and program (only) the requirements

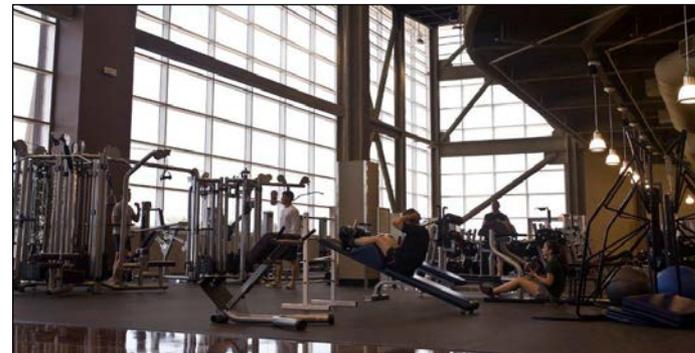
***Every Level of CE is Transforming to New End-State***



# *Accelerated Transformation*

## *MAJCOM*

- **Realign select programs and processes from MAJCOMs to AFCEC**
  - **AFCEC takes on responsibility of management and execution support of:**
    - Environmental Quality (EQ)
    - National Environmental Policy Act (NEPA) Compliance
    - Supporting installation real property requirements to include real property asset accountability, acquisition, management and disposal
- **Standardizes and streamlines CE processes at AFCEC**





# ***CE Transformation ... Accelerated***

## ***Before & After Examples***

### **BEFORE**

- MILCON program/projects managed at MAJCOM staffs
- Robust Environmental Quality/ Compliance and Real Property capability at base with reach back support at FOAs
- In-house work force (Ops Flt) resourced for regularly scheduled maintenance
- Restoration & Modernization projects identified/programmed and funded by MAJCOM & base

### **AFTER**

- MILCON program/projects managed at AFCEC
- Robust Environmental Quality/ Compliance and Real Property Management capability at AFCEC with leaner base-level presence
- In-house work force (Ops Flt) resourced for condition-based maintenance
- Restoration & Modernization projects identified/programmed by MAJCOM & base utilizing asset management with AFCEC assistance; projects centrally funded by AF via AFCEC



# ***AFCEC Organization and Mission***

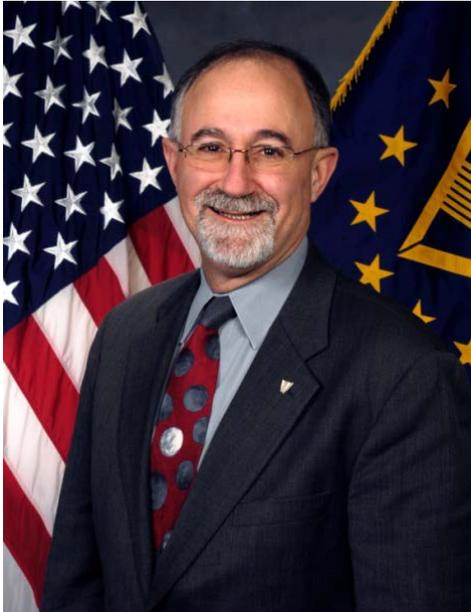
*Integrity - Service - Excellence*



# Leadership

---

## Director



Mr. Joe Sciabica

- Level-2 SES
- Rocket Scientist
- Air Force Research Laboratory transformer

## Deputy Director



BG Vince Saroni, P.E

- Reserve Asst to The Air Force Civil Engineer
- Industry Engineering Consultant
- Saudi & Iraq MILCON



# ***AFCEC Mission***

---

**The mission of the Air Force Civil Engineer Center is to provide ready engineers, engineering and real property solutions and emergency response services that enable sustainable, highly effective power projection platforms to **support the warfighter****



# ***AFCEC Vision***

---

**The Air Force Civil Engineer Center will be a trusted and indispensable mission partner to support major command, combatant and installation commanders by ensuring installations have the full capability to execute assigned missions.**

**We will deliver agile, efficient and innovative engineering and real property products and services that **enable execution of Air Force priorities.****



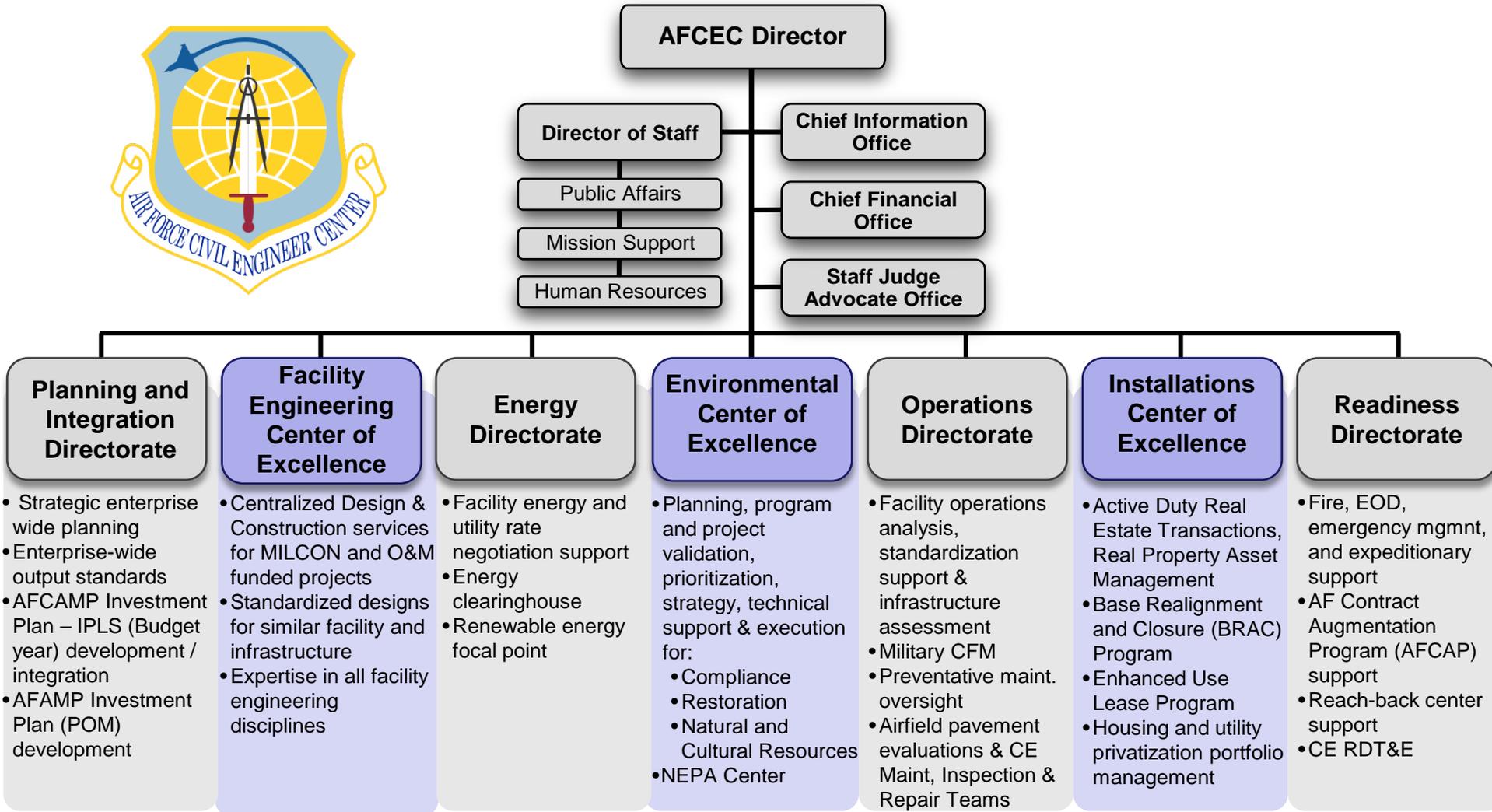
# ***AFCEC: A Journey***

---

- **This not just a reorg – it’s an enterprise-wide asset mgmnt approach**
    - **Not a new mindset; it is a renewed emphasis with a shorter timeline**
    - **We have been working towards sustainable, efficient, and effective installations for several years**
  - **Realigns functions to support the Air Force Base of the Future**
    - **Fundamentally changes how we do business and provide installation support, at home and deployed**
    - **Rather than simply react, using this opportunity to smartly adjust our organization to operate successfully in the changing fiscal environment**
  - **“Right-Sizes” our organization at all levels**
    - **Enables us to continue to build sustainable installations more efficiently and effectively**
    - **Provide the right support at the right time for our installations and contingency missions**
  - **We’re moving forward – generating ideas on how to do things smarter, better, faster, and cheaper based on industry benchmarks**
-



# AFCEC Organization



*Integrity - Service - Excellence*



# *Planning & Integration Directorate (P&I)*



**EUL project at Hill Air Force Base, Utah**



# ***Planning & Integration Directorate***

## ***P & I - Overview***

### **▪ Mission**

***Provide a framework enabling strategic planning for installation complexes and their customers through development of comprehensive plans and investment strategies that minimizes risk to mission and Airmen***

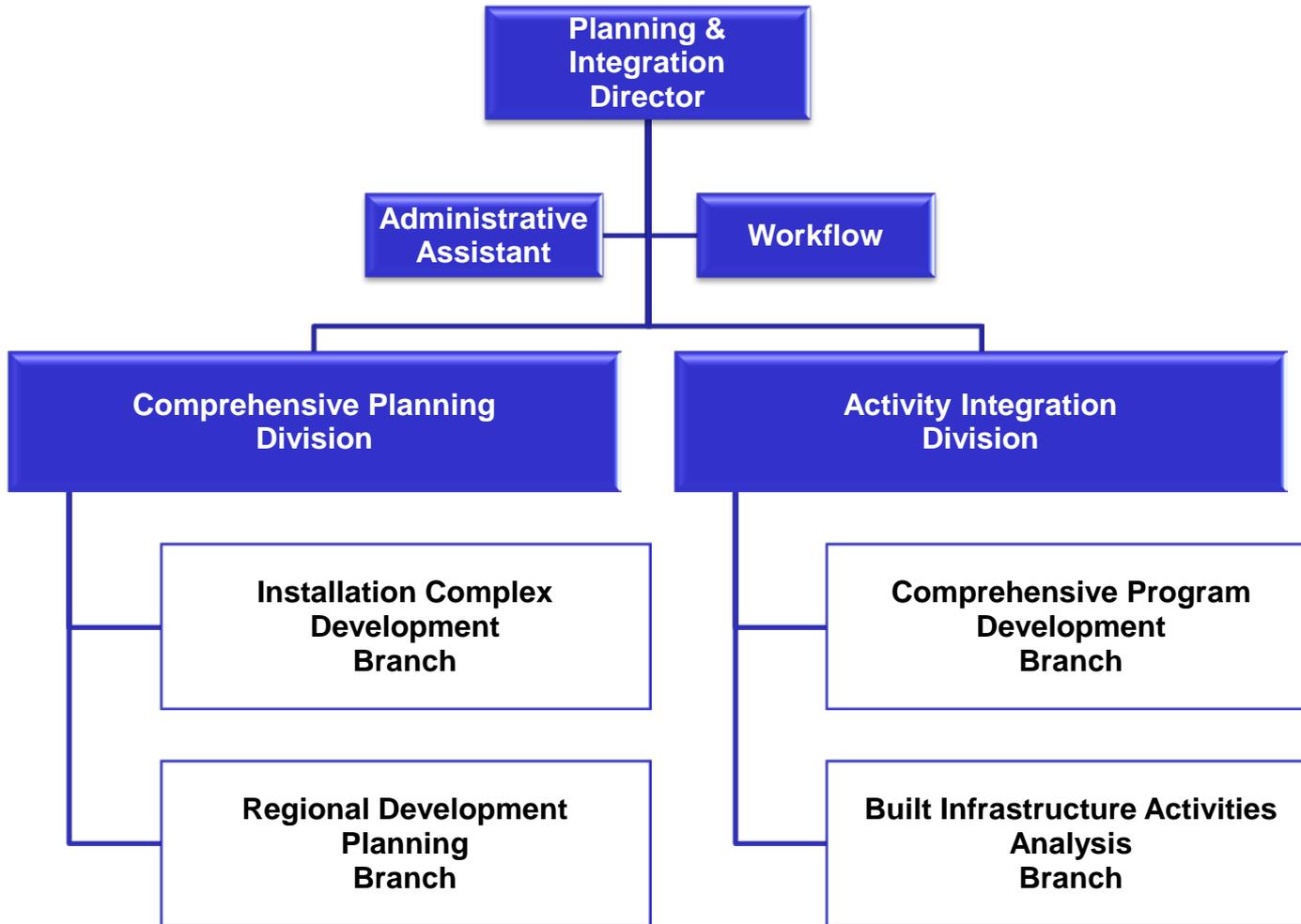
### **▪ Roles & Responsibilities**

- Comprehensive Planning support to include Installation Development Plans, Encroachment/Noise/AICUZ Mgt**
- Installation capacity analysis for installation basing & optimization**
- Enterprise-wide built infrastructure requirements development, identification and analysis**
- AF Activity Mgt Plans (AFAMP) development for out year investment**
- AF Comprehensive Asset Mgt Plan (AFCAMP) development for budget year allocation**

***Centralized Enterprise-wide Asset Management***



# P & I Organization





# ***Facilities Engineering Center of Excellence (FEnCE)***



**Pre-engineered construction at Youngstown Air Reserve Station, Ohio**

*Integrity - Service - Excellence*



### ■ **Significant Changes**

- SRM Centralized Management
- PACAF/USAFE “Storefronts”
- Centralized D&C – organization aligned to MAJCOMs/Bases
- D&C Center of Expertise

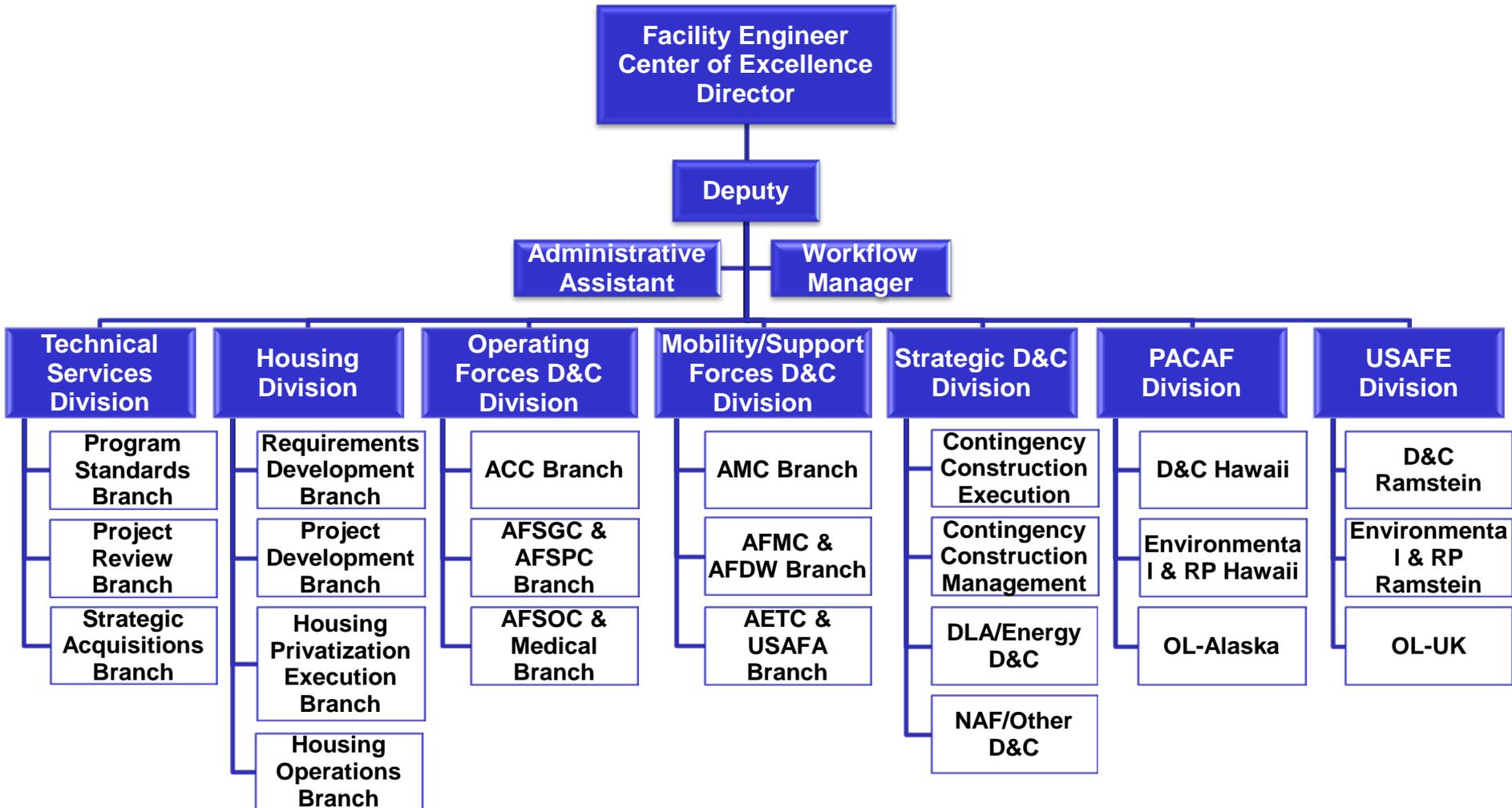
### ■ **Less Significant Changes**

- Housing Privatization
- Contingency Construction
- FOA executed reimbursable work



# FEnCE

## AFCEC/CF Organization





# Facility Changes to support bases

---

- **Centralized SRM Program Management**
    - **Asset Management approach – 2 year program “look ahead”**
      - Opportunities to “package” projects (e.g. whole facility repair)
      - Programmatic look at full program – opportunities for standard designs
      - Only plan, program, design projects that are funded for execution
      - Longer lead time to adequately design/procure projects
    - **Centralized SRM funds mgt (FY13: \$244 R&M, \$83M S, \$22M D)**
      - Ability to provide both design and construction funds *faster* to BCEs
      - Standardized AF processes – Auth to Advertise/Award, ACES/Next Gen Mgmt, User Requested Changes, Installation Governance Structure
  - **Design and Construction (D&C) Center of Expertise (AFCEC/CFT)**
    - Standard designs = reduced change orders, lower design/const costs
    - Ability to integrate “lessons learned” across entire AF portfolio
    - More robust technical design review and BCE technical reach-back
-



# Facility Changes to support bases

---

- **Full utilization of AF capabilities**
  - SRM/D programs evaluated to ensure full BCE and AFCEC capabilities are used prior to using non-AF agents
  - Enhances expeditionary combat skills – allows AF to focus and sharpen organic capabilities on key warfighting skills
  
- **MILCON & SRM Divisions combined/aligned to MAJCOMs/BCEs**
  - Provides single, integrated face to MAJCOMs, BCEs, and Agents
  - Stronger, streamlined teamwork to respond to issues/concerns
    - Note: Legacy AFCESA organization no longer performing new SRM (non-energy) design/construction projects
  
- **PACAF and USAFE “storefronts”**
  - Provides a single point of contact where BCEs and FOA customers can access the full range of products/services offered by the FOA



# Energy Directorate



Solar  
Array at  
U.S. Air  
Force  
Academy,  
Colo.

*Integrity - Service - Excellence*



# **Energy Directorate**

## **Overview**

---

### ■ **Mission:**

***Provide expert support to Air Force installations and Major Commands, and centrally manage Air Force Facility Energy and Utilities Privatization programs in order to comply with all applicable Executive, Legislative, and Agency policies and directives related to facilities energy and utilities privatization***

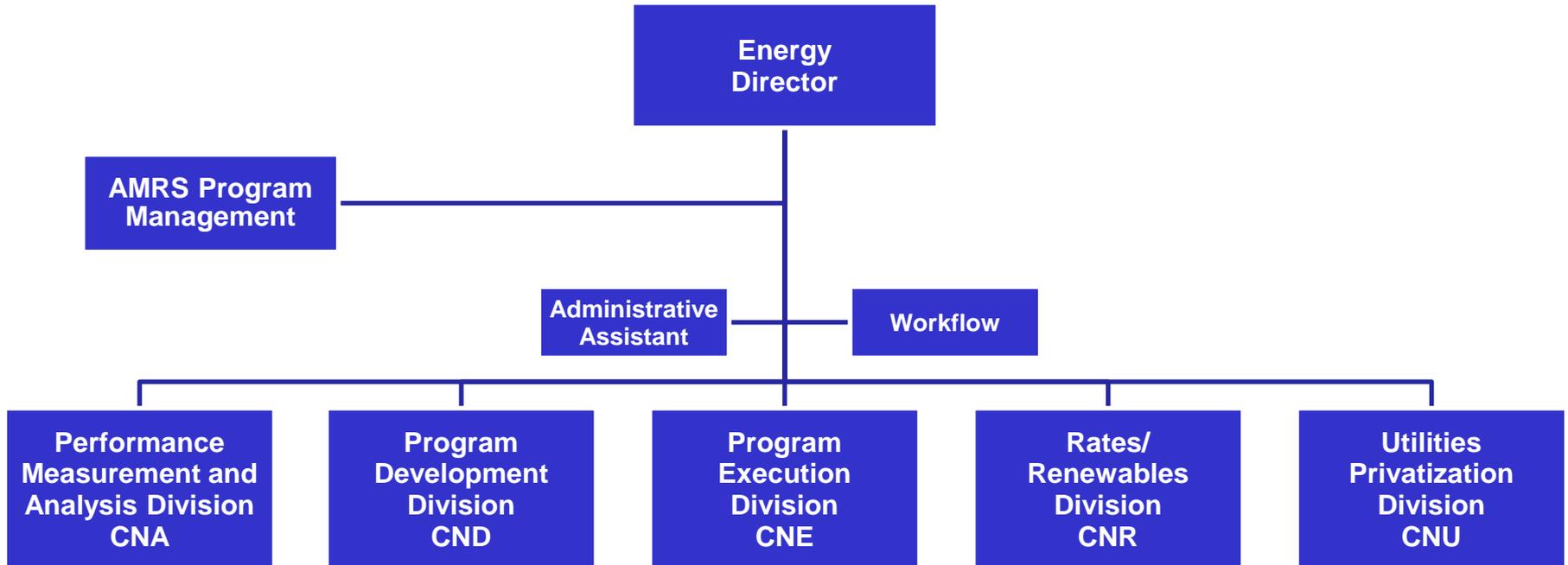
### ■ **Implement the Air Force Energy Master Strategy as follows:**

- **Drive down facility energy/water use through cost-effective conservation initiatives**
- **Increase use/production of Renewable Energy by advocating for and facilitating third-party investments**
- **Change the culture to ensure all Airmen "Make energy a consideration in all we do!"**
- **Privatize utility systems where/when feasible**



# Energy Directorate

## AFCEC/CN Organization





# ***Environmental Center of Excellence (ECoE)***



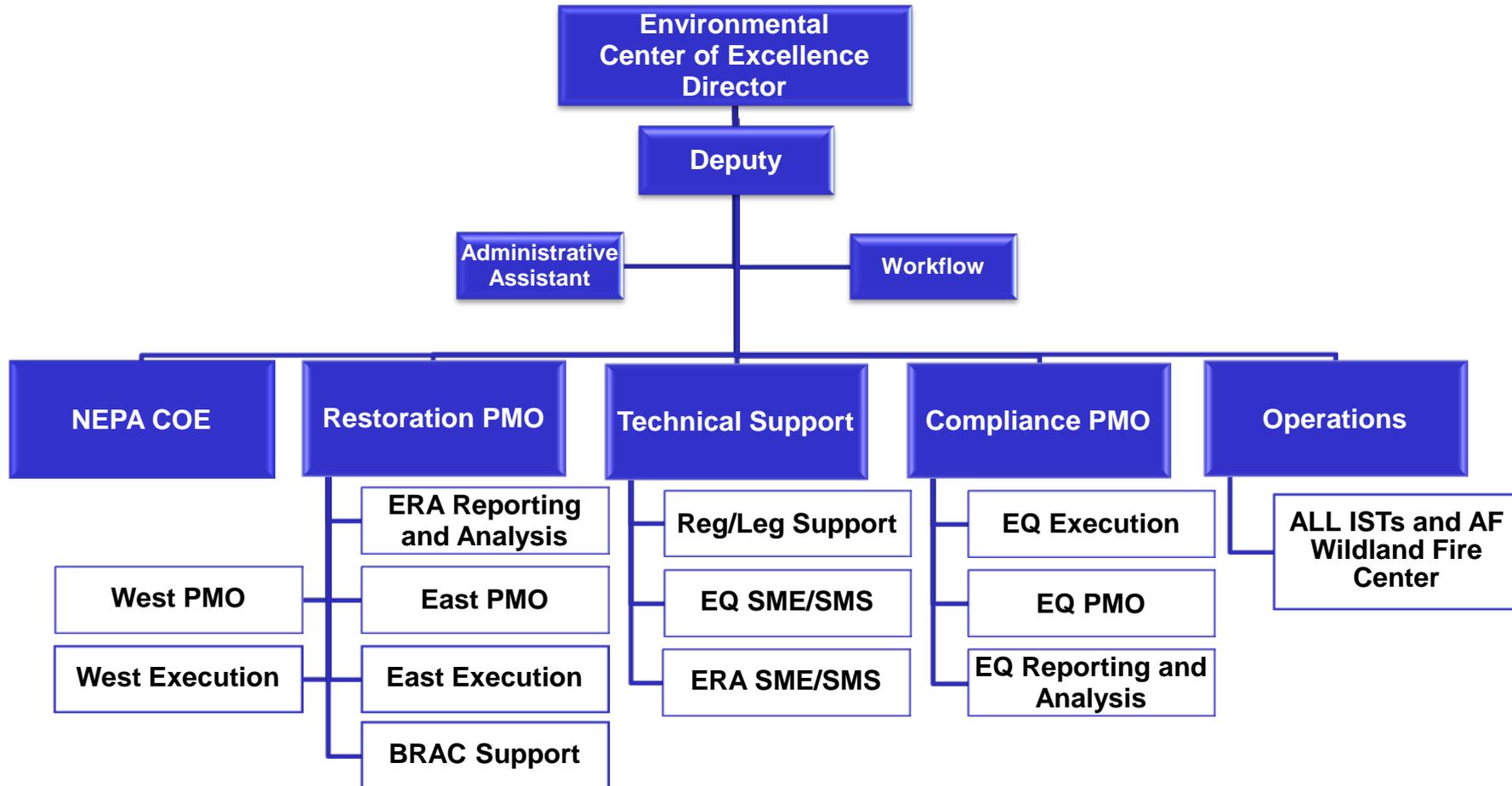
**Restoration project at Grissom Air Reserve Base, Ind.**

***Integrity - Service - Excellence***



# ***ECoE Capabilities***

- 
- **Centralizes remaining MAJCOM compliance functions and restoration responsibilities, and establishes National Environmental Policy Act (NEPA) CoE to support AF Environmental Impact Analysis Process (EIAP) management and Environmental Planning Function (EPF) responsibilities**
    - Consolidates and streamline program processes.
    - Changes information flow, guidance, funding, and technical support, and increases interactions between installations and AFCEC
  - **Retains overseas operating locations in United States Air Forces Europe (USAFE) and the Pacific Air Forces (PACAF) to ensure sufficient manpower is available to support unique theater requirements and Combatant Command support**
  - **Maintains positions needed to coordinate host nation-specific environmental policy and planning requirements**







# ***PBR Features***

- 
- **Focuses on reducing program costs and time to cleanup per 24 Feb 2011 SAF/IE memo**
  - **Evaluates estimated life cycle cost and possible exit strategies versus value of the contract period of performance only**
  - **Allows for fence-to-fence investigation and design/construction activities within single task order to:**
    - **Promote greater flexibility for industry innovation, dynamic decision-making, and efficiency**
    - **Take advantage of economies of scale with multiple sites and phases per task order**
  - **Allows for longer period of performance of the task order to encourage greater innovation and potential for life cycle cost reduction**
  - **Requires contractor to achieve end objective for known cost**

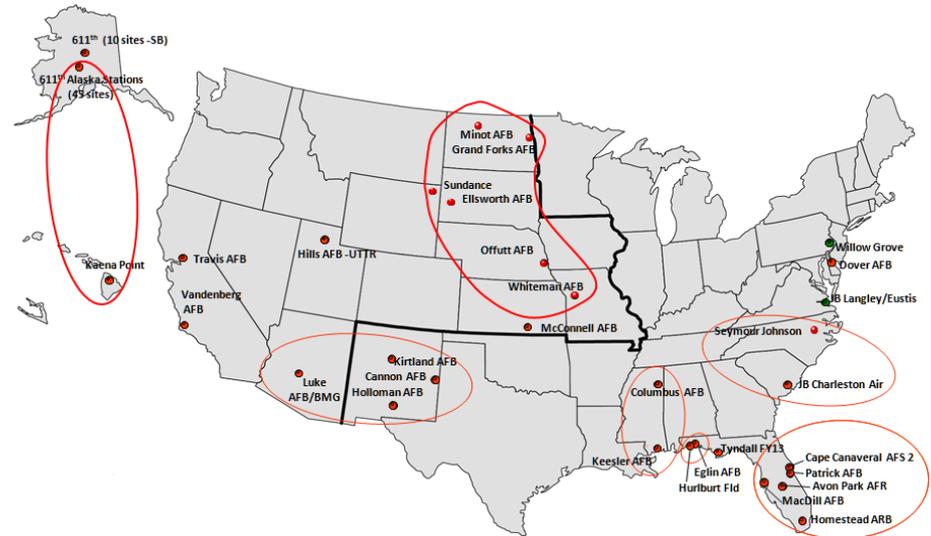


# FY13 PBR

## Listing by Installation

Installation	# Sites
Upper Midwest Group (WERC09)	102
PACAF Group (WERC09)	50
611 <sup>th</sup> ("C" Contract)	10
Carolina Group ("C" Contract)	42
Florida Panhandle (WERC09)	59
Vandenberg FY12 ("C" Contract)	182
Florida Group ("C" Contract)	123
Atlantic Group (WERC09)	43
McConnell ("C" Contract)	52
MS Group (USACE)	21
NM-AZ Group ("C" Contract)	65
Travis ("C" Contract)	42
Hill – UTTR (USACE)	30
Tyndall FY13 (WERC09)	19
Dover (DOE)	39

## Map of FY13 Installations\*



**About 900 sites in FY13 plan**

\* tentative



---

# ***Operations Directorate***



**CE Operations Airman**

---

*Integrity - Service - Excellence*



# Operations Directorate

## Overview

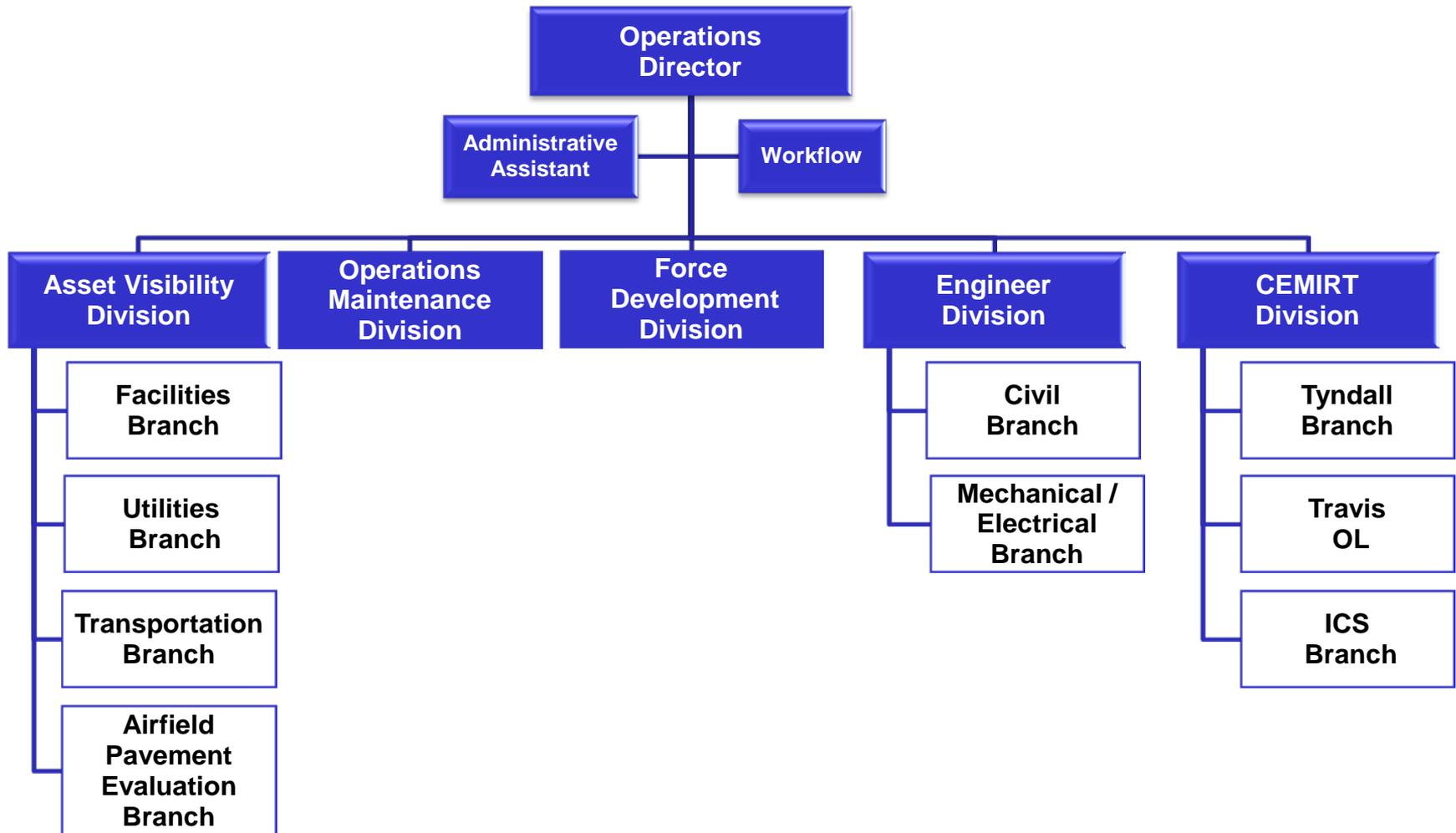
---

- **Mission:**  
*Provide direct technical, managerial and training expertise to the Air Force civil engineer community with emphasis on Operations and Maintenance of the built environment*
- **Areas of Responsibility**
  - **Asset Visibility**
  - **Operations Maintenance**
  - **Force Development / Career Field Management**
  - **Engineer Subject Matter Experts**
  - **CEMIRT – Civil Engineer Maintenance, Inspection & Repair Team**



# Operations Directorate

## AFCEC/CO - Organization





## ***Installations Center of Excellence (ICE)***

**Former Air Force Research Lab, Williams Air Force Base, Ariz.**

*Integrity - Service - Excellence*



# ***ICE Capabilities***

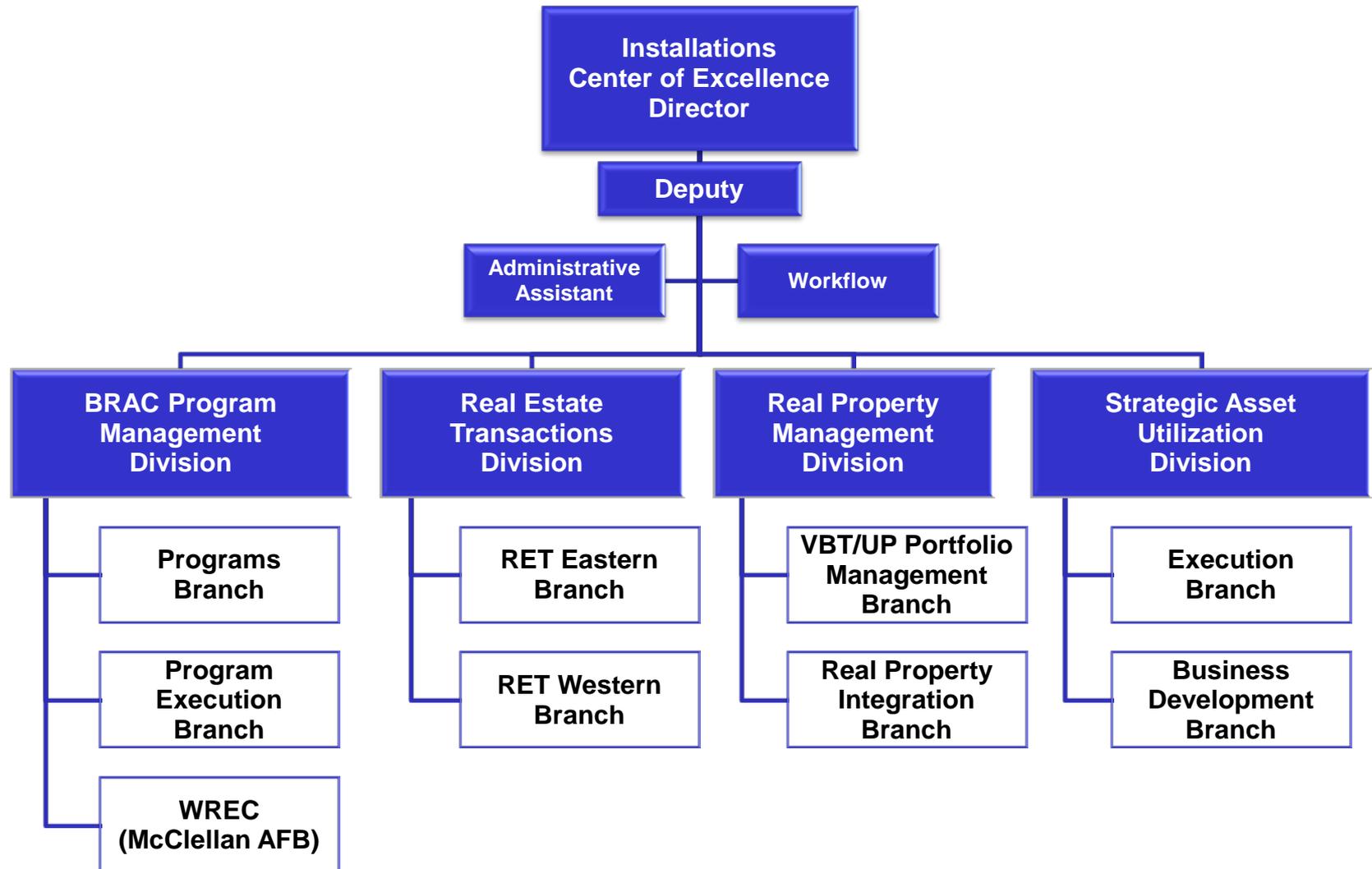
---

- **Acquires, manages and disposes of Air Force-controlled real property worldwide**
- **Manages real property programs formerly housed in AFRPA and AFCEE including:**
  - Base Realignment and Closure (BRAC) property transfer and environmental remediation
  - Enhanced Use Lease (EUL) project development, execution and long-term management
  - Real-property accountability and active duty real estate transactions
  - Long-term portfolio management, including Housing Privatization and Utilities Privatization
  - Develops and provides real-property training, processes, and playbooks



# ICE

## AFCEC/CI - Organization





# *Readiness Directorate*



**Explosive Ordnance Disposal Specialist**

*Integrity - Service - Excellence*



# **Readiness Directorate**

## **Overview**

---

### ■ **Mission:**

***Provide readiness support to the civil engineer community through technical information and standardized methodology, enabling civil engineers worldwide to execute their expeditionary combat support and emergency services missions safely, effectively and efficiently.***

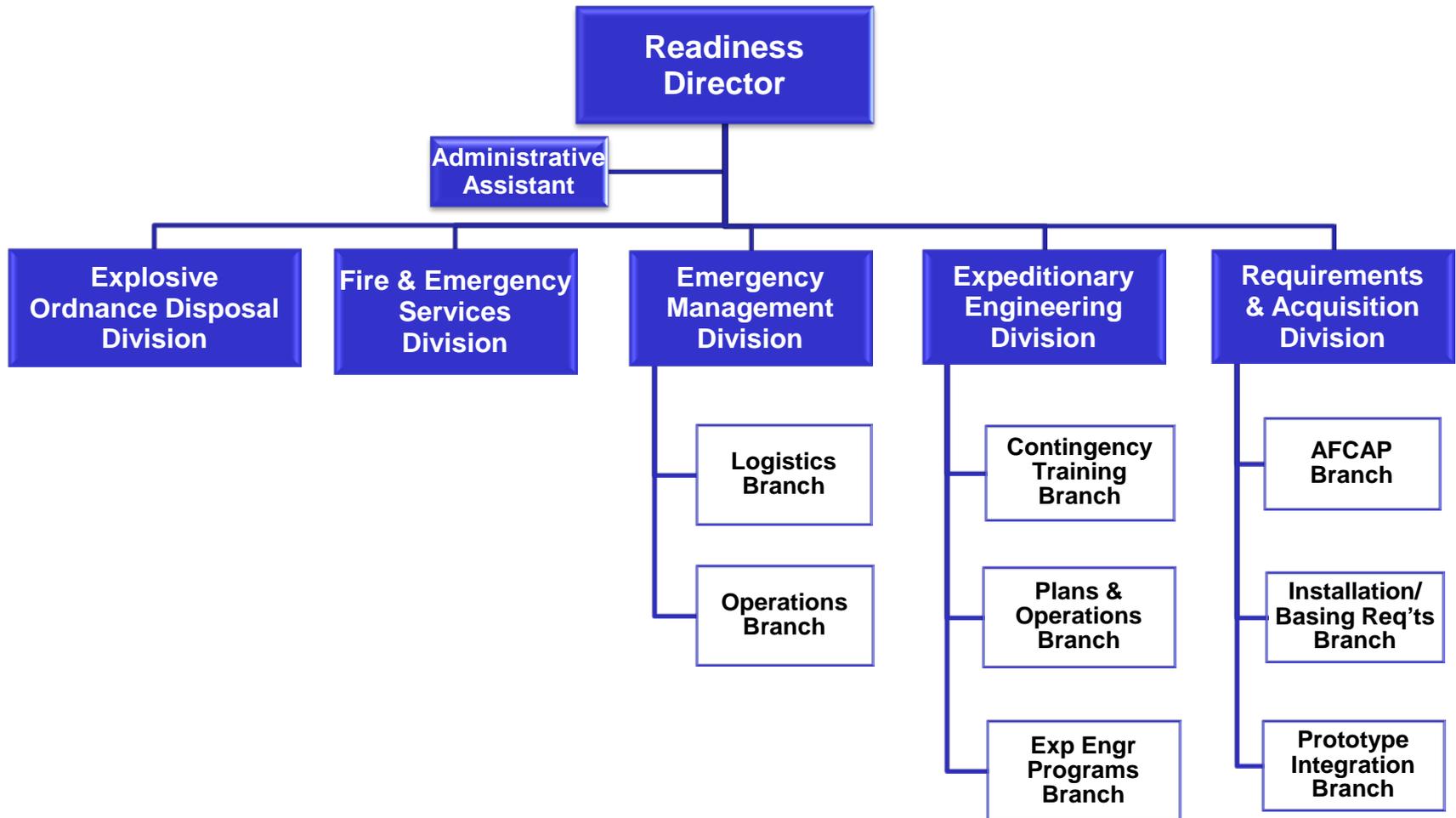
### ■ **Areas of Responsibilities**

- **Enabler of OT&E**
- **Standards, guidance, TTPs, publications**
- **Functional, Home Station, Contingency Training Support**
- **Equipment Management/Sustainment**
- **Functional SMEs**
- **AFCAP**



# Readiness Directorate

## AFCEC/CX - Organization





---

# ***Strategic Acquisitions***

---

*Integrity - Service - Excellence*



# Currently in Acquisition

Program	Type	Comp	Program Amount	Proj/RFP Release	Proj Award
ISE&AS	ISE&AS	TBD	\$20M	TBD	CY 13
GEITA	A&AS	100% SB	\$950M	Apr 12	Mar 13
A-E13ES	A-E	Partial Set-aside	\$500M	Jun 12	Mar 13
A-E13DCS	A-E	Partial Set-aside	\$950M	Jun 12	Mar 13
EOS	Environmental Ops and services	TBD	\$750M	Feb 13	Dec 13
PCM	Portfolio Management	TBD	\$80M	Nov 12	Jul 13

**Strategic Acquisition 210-395-8815**



# ***Contract Toolbox***

- **Worldwide Planning, Program, & Design 08 (4PA-E08)**
  - **5 year IDIQ...\$3B capacity...22 Full Scope, 7 Reduced Scope**
- **Heavy Engineering, Repair, and Construction (HERC)**
  - **5 year IDIQ...\$6 - \$15B capacity...15 (19) F&O, 4 (0)-8(a) firms**
  - **Overseas only**
- **S/R&M Acquisition and Task Order Contract (SATOC)**
  - **5 Year + 5 options IDIQ...\$4B capacity...20 Contractors**

***Strategic Acquisition 210-395-8815***



# ***Contract Toolbox***

---

- **Air Force Contract Augmentation Program III (AFCAP III)**
  - **IDIQ contract...5 Contractors**
- **Environmental, Construction, Operations & Services (ECOS09)—100% SB set aside**
  - **5 year IDIQ...\$350M total...\$95M services...10 Small firms**
- **Worldwide Environmental Restoration and Construction 2009 (WERC09)**
  - **5 year IDIQ plus 3 years for PBC...\$3B capacity...23 F&O, 16 small, 3-8(a), 2 SDVOSB**

***Strategic Acquisition 210-395-8815***



# ***INDUSTRY DAY***

---

- **Dec. 6, 2012** (*target date*)
- **San Antonio** (*location TBD*)
- **One-Day Event**
- **Large and Small Business**
- **All Product Lines**
- **Info to be posted on our website:**  
**[www.afcec.af.mil](http://www.afcec.af.mil)**



# We're on the Web: [www.afcec.af.mil](http://www.afcec.af.mil)

## U.S. Air Force Civil Engineer Center



[HOME](#) [NEWS](#) [MULTIMEDIA](#) [LIBRARY](#) [DIRECTORATES](#) [QUESTIONS](#)

**Most Viewed** [News Archive](#)

**AFCEC News**

**MEDIA RELEASE:** Air Force seeks developers for Alaska coal plant lease

Air Force adopts mascot in the Win the War Against Waste campaign

I am Air Force Energy campaign in full swing

National Fire Prevention Week: Have 2 Ways Out

**MEDIA RELEASE:** Kelly Restoration Advisory Board meets Oct. 9

**AF Headlines**

**F-35A completes first in-flight JDAM release**

Through Airmen's Eyes: Ultimate wingman helps save friend's life

Pacific Thunder gets jump start at Osan AB

AF soccer team wins 2nd straight armed forces championship

Through Airmen's Eyes: Airman keeps mission on target

Airmen missing from Vietnam War identified **1**

Air Force adopts mascot in the 'Win the War Against Waste' campaign **4**

Airmen deliver aid 'outside the wire' **2**

New York Air National Guard supports Antarctic research **2**

AF officials releasing enlisted quarterly assignment listing

Air Force Civil Engineer Center Top Stories 01 / 06 |< prev next >|

**Follow us on Social Media!**

**AFCEC Videos**

Air Force Civil Engineer Center Spotlights

Air Force CE Heritage

Conserve Today . . .

CE stands up new unit

**Air Force Videos**

Official Site of the U.S. Air Force Video 02 / 10 « prev next »

**Search**

search AFLink

General  Images  Video

[View All RSS](#)

**Follow AFCEC**

**Mission areas**

- Base Realignment and Closure
- Civil engineer operations
- Design & construction
- Enhanced Use Lease
- Environment
- Facility energy
- Installation planning
- Readiness & emergency management

**Quick Links**

- AFCEC Fact Sheet
- Business Opportunities
- Freedom of Information Act
- Privacy & Security Notice
- Notice and Consent
- ERPIMS

**Reach-Back Assistance**



## *How to Contact Us*

---

**AFCEC Public Affairs**

**afcec.pa@us.af.mil**

**(210) 395-8591**

# DISCUSSION



Runway repair in Afghanistan