

# Sustainability Planning

# Team Leader Training

**23 Jan 08**

**COL (Ret) John Moorman**



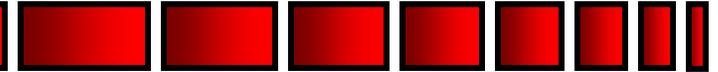
# *Agenda*

- **Sustainability Planning Session Structure**
  - CNG Planning Structure
  - Strategic Planning
- **Sustainability Overview**
  - Global Sustainability & Fundamentals
  - Army / DoD Sustainability
  - Keys to Sustainability Implementation
  - Case Studies
- **Discussion**



# ***Environmental Management System***

- **Executive Order 13148 (21 Apr 00)**
  - Mandate to Implement EMS into Federal Operations
- **HQDA Implementation Memo (Aug 01)**
  - Adopts ISO 14001 as Army's EMS Standard
  - EMS Framework in Place by Dec 05
  - Full Conformance by FY09
- **DoD FY06-09 EMS Metrics**
  - Implementation Progress Reported to OSD & Congress



# ***DoD's FY06-09 EMS Metrics***

<b>Metric</b>	<b>Description</b>
<b>1</b>	<b>Annual Review / Update of Environmental Aspects</b>
<b>2</b>	<b>Establish / Review / Update Objectives, Targets, &amp; Programs</b>
<b>3</b>	<b>Establish EMS Audit Procedures &amp; Conduct Annual Audit; Address &amp; Correct Deficiencies</b>
<b>4</b>	<b>Conduct Annual Management Review</b>
<b>5</b>	<b>Establish Procedure to Integrate Contractor / Supplier / Tenant Contracts &amp; ISAs</b>
<b>6</b>	<b>Provide Environmental Competency Training</b>
<b>7</b>	<b>Establish &amp; Implement Operational Controls</b>
<b>8</b>	<b>Mission-focused, Installation-wide, and ISO 14001- Conformant EMS in Place</b>



# ***CAARNG EMS Program***

- EQCC Responsible for Implementation of EMS
- Conducted EMS Training at all Levels
- Developed Aspects List of >300 Items
- Prioritized List of 11 with Significant Impact
- Organized Cross Functional Teams to Address Aspects
- EPAS Audit Half Way There

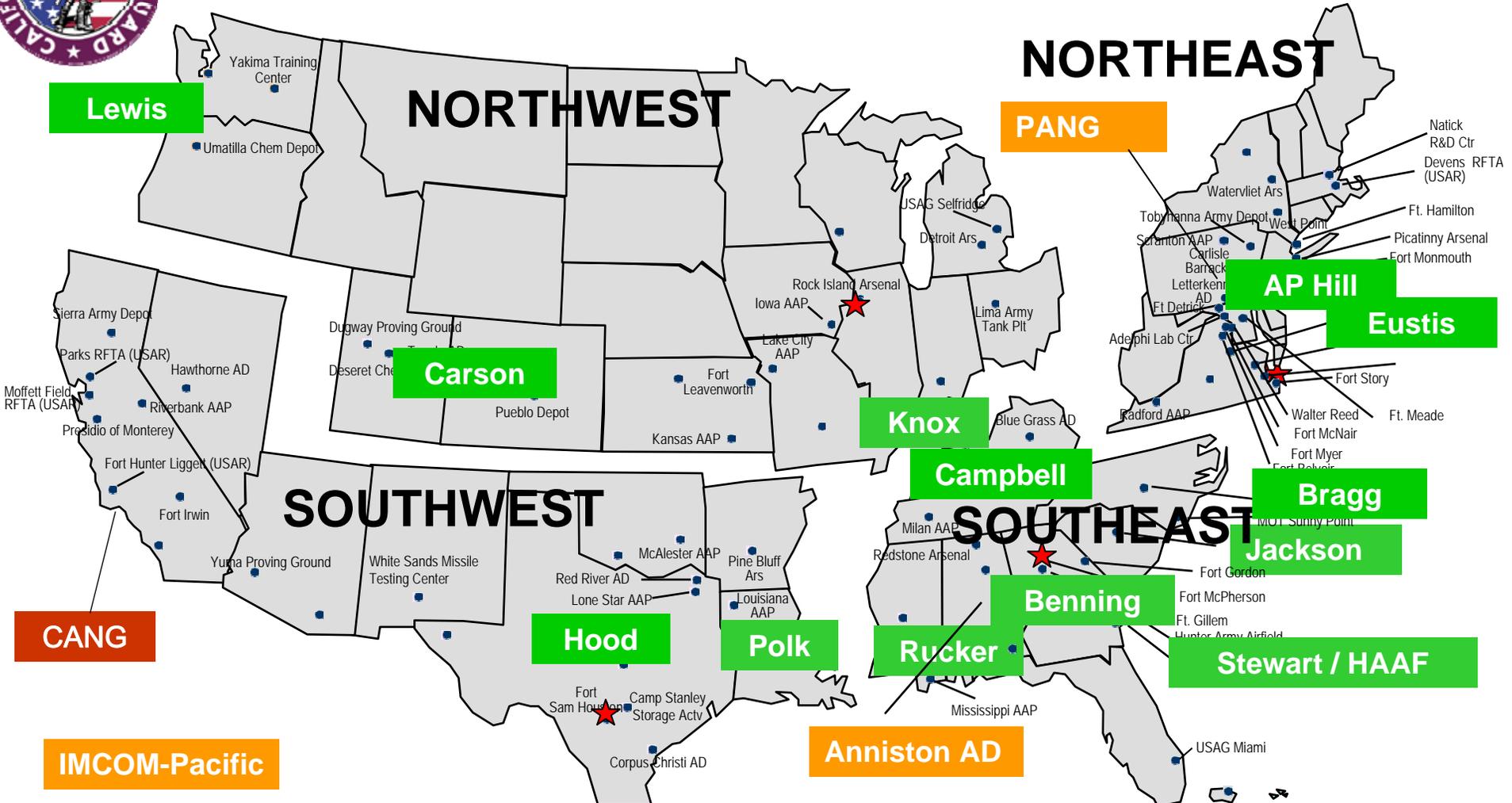
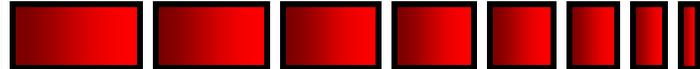


# ***Sustainability***

- **Executive Order 13423, 26 JAN 07, Rescinds EO 13148 & Establishes EMS to Achieve Federal Agency-wide Sustainability Goals in:**
  - **Energy Efficiency**
  - **Renewable Energy**
  - **Water conservation**
  - **Sustainable Acquisition**
  - **Pollution Prevention**
  - **Recycling**
  - **Building Construction**
  - **Fleet Management**
  - **Electronics Stewardship**
- **DA Installations Initiated Programs in 2002**



**California Army National Guard, Environmental Programs Directorate**



**13 installations doing sustainability planning**  
*FY07 installation sustainability efforts*  
*FY 08 installation sustainability efforts*

**IMCOM-Europe**

**As of May 07**

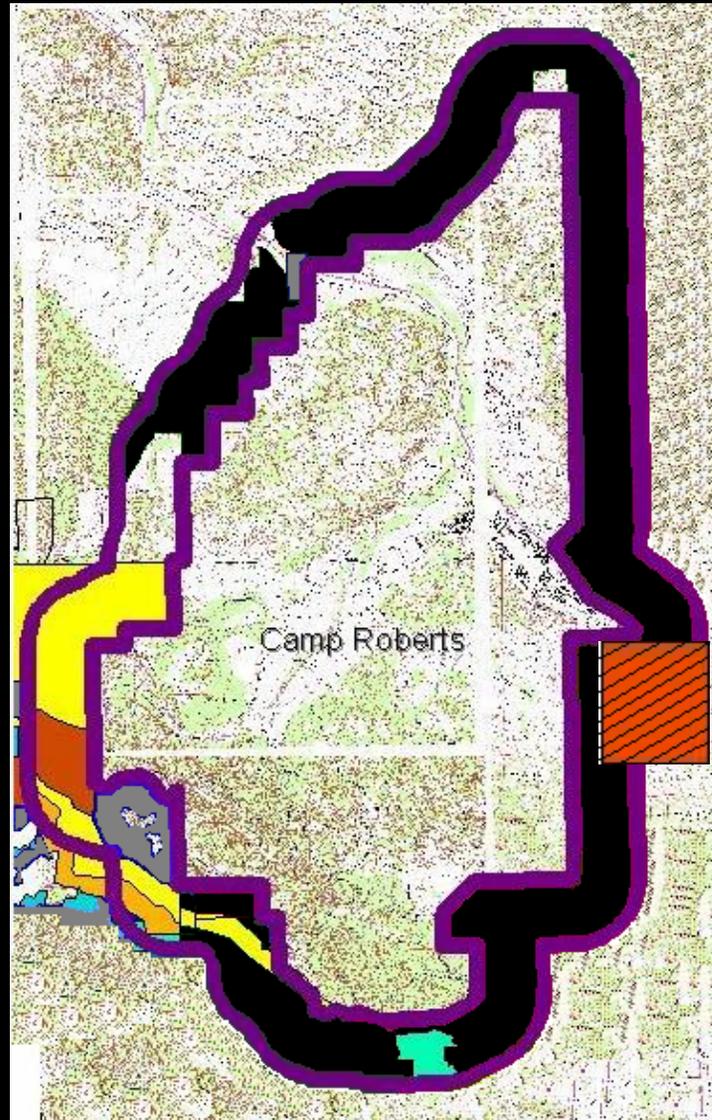


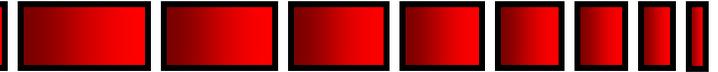
# ***Why Sustainability***

- **EMS Compliance Oriented- Not Good Enough**
  
- **Scientific Perspective**
  - **Exponential Population Growth**
  - **Global Warming**
  
- **Military Perspective**
  - **Resource Depletion Creates Conflict**
  - **Reduce Logistical Tail**



# The Military Must Train Its Soldiers Yet Have a Mutually Beneficial Relationship With the Community





# *Sustainability Planning Schedule*

<b>Event</b>	<b>Date(s)</b>	<b>Location</b>
Facilitator Training	4 Feb 08	Marriott Rancho Cordova
Session 1	5-6 Feb 08	Marriott Rancho Cordova
Between Sessions	As Needed	Teleconferences
Session 2	8-10 Apr 08	TBD (Sacramento Area)



# ***First Planning Session 5-6 Feb 08***

## **Day 1**

Morning: Presentations from Leadership

- TAG
- Governor Schwarzenegger
- Mr. Tad Davis, DASA-ESOH
- COL Phillips, NGB-ARE
- Mr. M. Wackernagel, Dir, Global Footprint Network
- Mr. Tad McCall, Former DASAF-ESOH

Afternoon:

- Sustainability/Strategic Planning Process
- Team sessions



# ***First Planning Session 5-6 Feb 08***

Day 2:

- Team Sessions
  - Develop Long-range Goals, Objectives, & Metrics
  - Identify Current Initiatives [*if time allows*]
- Out Brief from Teams
  - Identify Overlaps & Assign Objectives
  - Identify Communications/Outreach Needs & Opportunities



## ***Between Sessions 1 & 2***

- Teams Work Individually as Needed
  - Teleconference/s, Email, Face-to-Face
- Refine Objectives from Planning First Session
- Identify Current Initiatives
- Gap Analysis: Gap Between Objectives & Initiatives
- J5 Facilitators & NGB Provide Support as Needed



# ***Second Planning Session Overview***

- 8-10 Apr 08
- 2.5 days
  - 2 days of Team sessions
  - ½ day Out Brief to TAG
- Location: TBD (McClellan Field)
- Output: Complete Action Plans
- Coordinated with California Green Symposium (7-9 Apr)



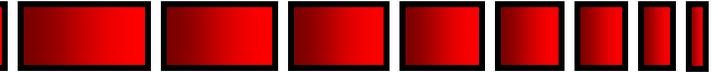
# ***Second Planning Session Details***

- Opening Briefings from Teams
  - Teams Brief Objectives / Initiatives Gap Analysis
- Team Sessions
  - Establish Targets (Glide Path) for Objectives
  - Define Needed Initiatives Based on Gaps
  - Create Action Plans using Strategic Plan Template
  - Dry-run Out Brief to TAG
- Team Leaders Brief TAG



# ***Post-Planning Session***

- Team Leaders Finalize Action Plans per TAG Feedback
- Action Plans are Integrated into the Strategic Plan
- Progress Briefed in HUB



# Executive Order Goals by Team

Goal	Airfields, Training Lands, & Support OPS	Transportation & Maintenance	Buildings, Infrastructure, & Utilities	Materials & Procurement
Team Leader	COL Lathrop	COL Nickels	COL Herman	COL Rangel
Energy Efficiency		X	X	
Renewable Energy	X	X	X	
Water Conservation	X		X	
Sustainable Acquisition				X
Pollution Prevention		X	X	
Recycling		X		X
Building Construction			X	
Fleet Management		X		
Electronics Stewardship				X
Encroachment	X			



# ***Planning Team Makeup***

## **Team Leaders**

CNG Army and Joint Staff Directors

## **Facilitators**

Contractors: Sustainability Subject Matter Experts

J-5 Planners: Ensure Integration to Strategic Plan

## **Core Team Members**

CNG Commanders and Staff Assigned by TAG

CAJS-ENV Environmental Staff



## ***Team Leader's Role***

- CNG's Champion for Assigned Goals During Planning Sessions
- Help Facilitator Keep Team Focused During Sessions
- Out Brief Final Goals to TAG
- Lead Implementation of Subsequent Action Plan
- Brief Implementation Progress at HUB



# *Facilitator's Role*

- Lead Planning Sessions & Provide Support to Team Leader
- Build Teamwork, Full Participation, & Consensus
- Keep Team Active, Balanced, Focused, & On-time
- Session 1 – Help Team Identify Long-Range Goals, Objectives, & Metrics
- Session 2 – Help Team Develop Action Plans to be Integrated into Strategic Plan



# ***Recorder's Role***

- Capture & Summarize Team Members' Ideas
- Prepare Team Presentations at Planning Sessions
- Document Team Results at Planning Sessions



## ***Team Member's Role***

- Provide Cross-functional Participation & Technical Expertise at Planning Sessions & any Follow-on Team Meetings
- Communicate Relevant Action Plan Elements Back to Organizational Leadership & Staff
- Execute Assigned Action Plan Tasks
- Report to Team Leader on Implementation of Assigned Tasks



## ***CAJS-ENV Staff Role***

- Provide CA-specific Environmental Expertise at Planning Sessions & Follow-on Team Meetings
- Integrate EMS & Sustainability Goals
- Provide Environmental Guidance & Support During Action Plan Implementation