

CIRCUITS DAY ONE



Track 3: America's Industrial Strategy (Part 1)

Power of the Purse: USG Procurement Moves Markets

DEC 4 • 3-4PM • ROOM 201

Power of the Purse: USG Procurement Moves Markets



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Power of the Purse: USG Procurement Moves Markets

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U.S. Department of Energy



FEDERAL ENERGY MANAGEMENT PROGRAM

OUR MISSION

The U.S. Department of Energy's (DOE's) Federal Energy Management Program (FEMP) builds the capacity of the Federal agency workforce to achieve efficient, clean, secure and resilient energy use in facilities and fleets—saving taxpayer money and reducing environmental impact.

As America's largest energy consumer, the Federal Government has both a tremendous opportunity and a clear responsibility to **lead by example** through replicable models, innovation, and stories that inspire action.



51 YEARS OF EMPOWERING AGENCIES TO LEAD BY EXAMPLE

The Federal Government is our nation's largest energy consumer, operating and managing more than

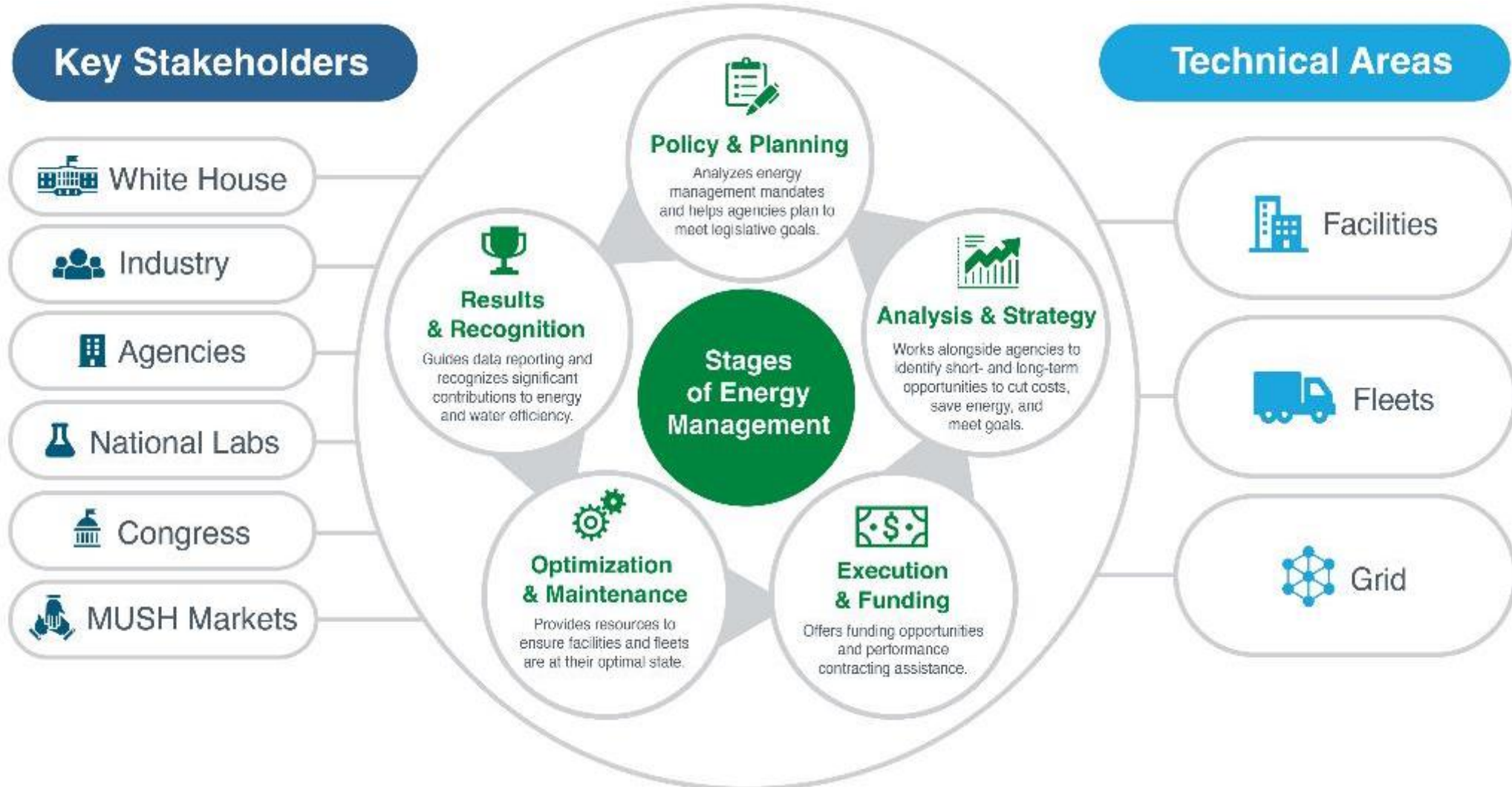
- **350,000 buildings**
- **600,000 vehicles**

FEMP has helped the Federal government achieve a **50% energy intensity reduction in Federal buildings** since 1975.



Pictured: NOAA's Mauna Loa Observatory, with assistance from FEMP's AFFECT grant program, will install solar panels and batteries at the observatory to make it DOC's first net-zero emissions facility bringing the critical atmospheric instrumentation back online and significantly improving the site's operational climate resiliency.

FEMP DRIVES PROGRESS AT EVERY STAGE OF ENERGY MANAGEMENT



FEMP UNLOCKS INDUSTRY PARTNERSHIPS

FEMP established the DOE Qualified List of Energy Service Companies (ESCOs) in accordance with the Energy Policy Act of 1992, as amended, and 10 C.F.R. § 436.32.

DOE ESPC 4th Generation ESCOs

In August 2023, FEMP competitively awarded contracts to 20 energy service companies (ESCOs) to provide energy savings performance contracts (ESPCs) for Federal agencies, marking the fourth generation of indefinite-delivery, indefinite-quantity (IDIQ) contracts awarded by FEMP since 1998.

- Guaranteed cost savings for Federal sites
- Ceiling of \$5 billion per ESCO contract
- No up-front government funding
- Pay for themselves over time

FEMP Supports Partnerships

Annual Contract Holders Meetings

Federal ESPC Steering Committee

Technical Assistance

Project Facilitation

Templates & Guides

Online and In-Person Training

Case Studies

FEMP MOVES MARKETS

**More than \$16 billion in project investments awarded
(UESC, DOE ESPC IDIQ, ESPC ENABLE)**



ENERGY

Estimated more than
66.3 trillion BTU
reduced annually



ECONOMIC

Estimated more than
128,000 job-years
(direct jobs)



ENVIRONMENTAL

Estimated more than
**7.6 million
metric tons CO₂e***
reduced annually

ASSISTING FEDERAL FACILITIES WITH ENERGY CONSERVATION TECHNOLOGIES (AFFECT)

A DECADE OF DEPLOYMENT THROUGH AFFECT

FINANCIAL IMPACT

\$290M in AFFECT funding amplified by \$4.1B from industry contributions.

COST SAVINGS

\$137M saved annually in Federal energy costs.

ENERGY IMPACT

8.4 trillion Btu saved across 160 projects.

CROSS-AGENCY REACH

19 Federal agencies implementing 160 energy-efficient and resilient projects.

FUNDING LEVERAGE

Every \$1 of AFFECT generates \$14 from industry partnerships.



2014 – 2024

10 Years of Impact

ASSISTING FEDERAL FACILITIES WITH ENERGY CONSERVATION TECHNOLOGIES (AFFECT)

LOOKING AHEAD

DEMAND

More than \$1B in grant requests for Phase 2, indicating high agency demand for future funding.

FUTURE APPROPRIATIONS

Anticipation of next AFFECT round to support further projects.

STAY TUNED

With a robust project pipeline and ongoing commitment to Federal energy goals, AFFECT is primed to continue supporting impactful, mission-critical energy upgrades.



Building on Success

SAVE THE DATE

ENERGY EXCHANGE 2025!

August 5–7, 2025 | Anaheim, California

Energy Exchange is an opportunity for agencies to ensure their workforce understands leadership direction, priorities, goals, and strategies.

The event provides a place to network with energy and water professionals leading to the development and implementation of energy-efficient and cost-effective solutions for the Federal Government.

- **Gain insight** into Federal leadership's key priorities and solutions.
- **Participate** in agency-driven training sessions to tackle emerging challenges.
- **Collaborate** with peers and agencies during dedicated networking sessions.
- **Engage** with FEMP staff and leadership at the FEMP Hub.
- **Discover** innovative technologies from industry experts at the Trade Show and Technology Pavilion.



Performance contracting achieves results



DOE ESPC (DIQ) Program
FY1998–FY2023




ENERGY EXCHANGE 2025

Contact FEMP



www.energy.gov/femp/federal-energy-management-program-contacts

DEPLOY24

The logo consists of the text "DEPLOY24" in a white, sans-serif font. The letter "O" in "DEPLOY" is replaced by a solid white circle. This central circle is connected by thin, light gray lines to three hollow white circles: one positioned above and to the left, one positioned below and to the right, and one positioned below and to the right of the central circle.