



Services to EUCOM

Environmental & Infrastructure





LEADING EDGE

Environmental & Infrastructure Services

Environment

ENR rankings: Number 1 in Environmental Management, Water, and Wind Power

Founding member, US Green Building Council

Patented environmental remediation technologies

Energy

Managing more than \$700M in DoD annual energy budgets

Four Presidential Energy Awards

Resource Efficiency Managers at 76 DoD installations

Energy audit data collection to ASTM 2797-11 Standard

Assets

Space use assessments of more than 3.5M square feet of DoD facilities

Developed S-File space management tool for USAF

Use Builder tool for condition assessments

Proven to significantly reduce facility investment costs

Reach

Operating in EUROM, AFRICOM and CENTCOM AORs

Environmental Baseline Surveys in 16 countries

Design and construction in remote, austere and hostile environments

More than \$3B in public-private partnerships for solid waste management, and energy production

Company Facts and Rankings

ENR
Engineering News-Record

Tetra Tech
2011 Rankings

- 1st in Water
- 1st in Environmental Management
- 1st in Wind Power
- 4th in Hazardous Waste
- 7th in Design

1st

US firm in water infrastructure and science for the 8th year in a row

- Annual revenue: \$2.2 billion (FY2010)
- Total assets: \$1.1 billion
- NASDAQ Symbol: TTEK
- Approximately 12,000 employees
- Geographic reach: 330 offices worldwide



TETRA TECH

complex world | CLEAR SOLUTIONS

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An Enduring Partnership

Tetra Tech has continuously supported the US Department of Defense at CONUS and OCONUS locations for nearly four decades.

Since 2002, Tetra Tech's European and US-based staff have helped the United States European Command meet its needs for high-quality environmental and architect-engineer (A-E) services throughout the area of responsibility (AOR). In this time, we have earned a reputation for meeting stringent federal requirements and short schedules with efficiency and demonstrated success at facilities in 16 countries.



ENVIRONMENTAL SERVICES

Over the past 9 years, Tetra Tech has provided environmental and A-E services throughout EUCOM/CENTCOM, including: Afghanistan, Albania, Azerbaijan, Belgium, Bulgaria, Croatia, France, Georgia, Germany, Hungary, Iraq, Israel, Italy, Kuwait, Kyrgyzstan, the Netherlands, Oman, Pakistan, Portugal, Qatar, Romania, Saudi Arabia, Spain, Turkey, United Arab Emirates, the United Kingdom, and many countries in Africa.

- **Environmental Assessments and Environmental Baseline Surveys (EA and EBS)** – Tetra Tech has completed dozens of EAs and EBSs in 16 countries throughout Europe and central Asia.
- **Final Governing Standards (FGS) Updates** – Tetra Tech is updating FGS for Portugal, Turkey, and the UK. The FGS form the minimum standards for US operations within each host nation and represent a compilation of local and US requirements.
- **Environmental Health Risk Assessment (HRA)** – Tetra Tech is supporting a regional HRA being conducted to address health concerns associated with decades of hazardous waste dumping in the Naples region.
- **Installation Restoration Program (IRP) Support** – Tetra Tech has completed soil and groundwater investigations at multiple IRP sites to define site boundaries and, where possible, to document clean closure.
- **Environmental Compliance and Management** – Tetra Tech has developed compliance and management plans addressing hazardous materials and waste, including ozone depletion substances; storage tanks and oil/water separators; pollution prevention, recycling, water and air quality; natural resources; energy; and emergency response.
- **Tank and Oil/Water Separator Inspections, Removals, and Repairs** – Tetra Tech completed removal actions for various aboveground/underground storage tanks and oil/water separators, including excavation and on-site land farming of POL-contaminated soil.
- **Operational Range Assessments (ORA)** – Tetra Tech has conducted ORAs and conceptual site modeling at EOD ranges and machine gun and small arms sites in Germany, Italy, Turkey, and the UK.
- **Natural Infrastructure Assessments (NIA)** – Tetra Tech evaluated air space, frequency spectrum, air, land use, and water assets to prepare baseline NIAs for two installations in Germany, one in Italy, and two in the UK. Base planning and mission functions rely on the NIAs to complement built infrastructure assessments.
- **Drinking Water Protection Plans** – Tetra Tech delineated water protection zones for geographically separated units at Ramstein AB, Germany. Tetra Tech inventoried activities, identified those that could damage drinking water within each zone, and developed a management and protection plan to assist DoD in complying with German protection standards.
- **Natural and Cultural Resources Management** – Tetra Tech has completed flora, fauna, and cultural resources surveys to support base and mission planning efforts throughout EUCOM. These include invasive flora and fauna surveys at Ramstein AB; threatened and endangered (T&E) species and cultural resource surveys at installations in Germany, Spain, Portugal, as well as at RAF Lakenheath; Integrated Natural and Cultural Resources Management Plans in Germany, Italy, Greece and Portugal; and a forest management plan to support expansion of pangdahlem AB Germany.
- **LOGCAP Support** – During Operation Joint Endeavor, Tetra Tech supported US military at bases in Hungary, Croatia, and Bosnia with EBSs, operational hazard and biomedical waste management programs, emergency spill response/cleanups, site remediation projects, water and wastewater transfer and treatment systems, and environmental reviews of operations.
- **Hazardous Waste Site Assessment and Ranking Training in Eastern Europe** – Tetra Tech supported the US Environmental Protection Agency (EPA) Technology Innovation Office to assist newly emerging democracies in Hungary, Poland, and Bulgaria.
- **US-German Bilateral Agreement on Abandoned Site Cleanup** – Tetra Tech provided technical support under this agreement to EPA and Germany's Federal Ministry for Research and Technology to explore innovative technologies for remediation of hazardous waste sites.

ACTIVE DoD CONTRACTS IN THE REGION

	Environmental/Biological	Munitions/Range/UJO	Installation Sustain/Protect	Energy Services	Facilities Planning/Design	Civil Works Planning/Design	Construction/CM/ID-B	IT/Engineering Support
AFCEE (4PAE08) FA8903-08-D-8781 (OCONUS)	●	●	●	●	●			
AFCEE (WERC09) FA8903-09-D-8528 (OCONUS)		●				●		
Europe District (A-E Services) W912GB-10-D-0028	●				●	●	●	
Europe District (A-E Services) W912GB-10-D-0027	●	●	●	●		●	●	
Mobile District (A-E Env. HTRW) W91278-10-D-0096	●	●	●	●	●			●
NAVFAC Atlantic (Biological Services) N62470-08-R-1008	●							

79%
Exceptional and Very Good
ACASS Ratings

"Thank you very much for your great work updating USAFEI 32-1007. We appreciate how you handled the project – especially your responsiveness; and your consensus building was first rate." —Richard Isaac, GS-14, Command Master Planner, HQ USAFE

A-E SERVICES FOR INFRASTRUCTURE

Tetra Tech has a long history of providing CONUS and OCONUS customers with a complete range of world-class A-E, planning, and construction management services.

- **Water Utility Survey and Recommendations Report, Ghedi AB, Italy** – Tetra Tech surveyed water supply infrastructure and identified utility improvements that would improve potable water for US personnel, thereby avoiding conflict with the Italian Air Force hosts and owners of the system.
- **US Department of Energy (DOE) Second Line of Defense (SLD)** – Tetra Tech has supported DOE National Nuclear Security Administration's (NNSA) SLD program at more than 100 locations in 24 countries in its efforts to enhance international nuclear safety and nonproliferation.
- **Airfield Planning and Management** – Updated USAFE Instruction 32-1007 for planning and design of airfields and heliports throughout the USAFE AOR.
- **Consolidation and Demolition (C&D) Planning** – Tetra Tech conducted space use and facility condition assessments and developed the C&D plan that will guide installation development at Moron Air Base, Spain, for the next 5 years.
- **Space Utilization** – Conducted space use surveys of more than 6 million SF of property at bases in Germany, the UK and Turkey.
- **Water and Sewer Master Plan** – Tetra Tech supports the Millenium Challenge Corporation's efforts to develop projects for capital investment, health, and quality of life improvements in Lusaka, Zambia, a city of 2 million people.

- **ACES Programming**
Lajes Field, Portugal
- **Airfield Drainage Design**
Moron AB, Spain
- **Energy Management Plans and Surveys**
Moron AB, Spain, Aviano AB, Italy, and Ramstein AB, Germany
- **Inflow and Infiltration Study**
Kaiserslautern Military Community
- **Infrastructure Condition Surveys and Recurring Work Program**
Aviano AB, Italy
- **Design and Construction of Lightning Protection System**
Lajes Field, Portugal
- **Real Property Inventory Requirements**
Ramstein AB, Germany
- **Roofing Surveys**
Moron AB, Spain, Lajes Field, Portugal
- **Security Lighting and Parking Lot Design**
Moron AB, Spain