

Strategic Advisory Services

Partnering with clients to develop solutions and drive innovation within their organizations to achieve both short- and long-term tactical and strategic goals



Concurrent Technologies Corporation (CTC) offers an integrated team from diverse disciplines and highly experienced analysts and engineers, all dedicated to improving policy, programming, planning, and implementation. We develop innovative and realistic approaches to complex issues in a timely manner. Our core focus spans:

- Policy Analysis
- Strategic Planning
- Metrics Development
- Decision Support
- Comprehensive Energy and Sustainability Implementation
- Strategic Communications
- Program Development
- Energy and Water Security Analysis
- Technology Transition Planning
- Critical Infrastructure
- Risk Analysis



Energy and Environment



CTC's quality management system is certified to the ISO 9001:2015 and AS9100D:2016; CTC's environmental management system is certified to 14001:2015.

Strategic Advisory Services



Policy, Planning and Decision Support

Serving as a Trusted Advisor to Make Informed Decisions

CTC understands your critical issues and will serve as an objective advisor to analyze, evaluate, and inform decisions regarding strategic alternatives. We are sought for our ability to develop innovative and sound solutions to address complex energy and sustainability issues, present and future. Using collaborative partnerships, comprehensive research, strategic planning, and field experience, we inform the development of energy and sustainability policies and design and implement effective decision support tools. CTC has supported the Army and Air Force energy offices since their inception and continues to break new ground with resource efficiency and resiliency.



Comprehensive Energy and Sustainability Implementation

Setting Strategic Goals to Achieve Realistic Results

CTC has the full spectrum of technical and advisory skills needed to implement energy and sustainability initiatives. Our experienced professionals have supported Army headquarters, commands, installations, and contingency bases in the collection and analysis of sustainability, operational, and cost metrics to identify opportunity areas, research courses of action, and complete initial execution steps. CTC understands that energy and sustainability initiatives must enable the organization's mission, requiring an integrated and cross-functional perspective of activities within the fence line and how these interact with those outside the fence. CTC continues to document, analyze, and deliver solutions that support the military mission while reducing the environmental footprint.



Strategic Communications

Infusing Communications with a Master Plan

CTC collaborates with clients to design and execute communications strategies to achieve desired results. Utilizing proven and effective communications planning, we provide a full-service program that assists our clients to meet their communication goals to include Communications Strategy and Tactical Planning, Awareness and Outreach Campaigns, Social Media Deployment, and Media Production. Our seasoned communications consultants work with organizational leaders and subject-matter experts to educate, inform, and train key audiences in a systematic way. CTC has worked with Air Force Public Affairs to develop a detailed Energy Action Month communication plan with an energy communication toolkit containing fact sheets, key messages, and a social media plan to help tell the energy story affecting airmen from the flight line to the frontline.



Energy and Water Security Analysis

Improving the Security Posture for Critical Infrastructure

Energy Security Assessments (ESAs) provide ensured continuity of critical operations by enhancing mission capability. CTC applied its technical expertise to develop a classified ESA methodology that identifies critical facilities/systems, the energy demand/infrastructure needs of each, and plausible threats/energy security risks. The ESA results in a list of actionable and prioritized vulnerabilities. CTC has demonstrated and validated the ESA at 12 Army installations. CTC also developed an unclassified Water Security Assessment (WSA) methodology to ensure water concerns are part of critical infrastructure planning. CTC worked with the Office of the Secretary of Defense to pilot the assessment tool at 25 DoD installations, resulting in a comparison and prioritization of installation water needs by mission, supporting water management efforts and water scarcity planning.



Technology Transition Planning

Enhancing Mission Effectiveness Through Technology Innovation

CTC subject-matter experts partner with clients to evaluate technology solutions that balance mission and performance requirements with life-cycle cost considerations. CTC employs a multi-disciplinary team to understand the technical and programmatic barriers to deploying innovative solutions. Working with the Department of Defense, CTC's engineers and analysts have supported deploying 11 renewable energy systems for a total of 336 megawatts (MW) — 166MW solar, 50MW wind, 60MW biomass, and 50MW biofuel capable.

Contact

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