



# DAI-MILLENNIUM CHALLENGE CORPORATION (MCC) CAPABILITIES

*DAI is an employee-owned global development firm based in Bethesda, Maryland. For more than 50 years, DAI has provided technical expertise, project management, and consulting services to the U.S. Government, corporations, and development partners around the world.*

As of June 2021, DAI is implementing 190 projects in almost 90 countries on behalf of 17 clients. As a longtime implementing partner for the U.S. Government, DAI has built a reputation as a trusted Federal Contractor. For USAID alone, DAI is currently implementing 82 projects valued at \$2.7 billion. This includes complex multi-component projects which range across, and align with, MCC priority areas. Some examples of our work with MCC are highlighted below.

## OASIS

**Contract:**  
47QRAD20DU128

**Unrestricted Pool 1**

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### Project Description and Results

#### **Moldova Agricultural Competitiveness and Enterprise Development Project (\$17M)**

Focused on diversifying high value agriculture exports and complying with international food safety standards. Key achievements include:

- Technical assistance to 3,700 individual farmers (32% women)
- \$26 million in agricultural exports facilitated to Europe
- 3000 farmers supported to invest \$15M in new production and post-harvest facilities

#### **Mozambique Consultancy and Technical Assistance to the MCA Land Component (\$8M)**

Addressed land tenure issues through policy reform, government capacity building, and site-specific conflict mediation and land mapping. Key achievements include:

- Registration of 200,000+ land parcels (35% belonging to women)
- Designed and implemented national level digital land management system
- Streamlined land title transfer to lower transaction costs and time

#### **Commercialization of Agriculture Project under the MCC Ghana First Compact (\$8.5M)**

Provided commercial training to farmer-based organizations, assisted in the development of irrigation infrastructure, and led post-harvest value added initiatives. Key achievements include:

- Designed 22 irrigation infrastructure schemes covering 5,000+ hectares
- Supported creation of over 11,000 sq. meters of cold storage facilities and other post-harvest infrastructure
- Mapped 18 agriculture value chains and developed corresponding training materials to improve efficiency

To support our clients, DAI relies on a global workforce of 5,700 staff, 70 percent of whom are from the countries in which we work. This long-term workforce is augmented by our global talent network of 200,000 consultants and technical experts. DAI maintains over a dozen corporate offices worldwide and registrations in 50 countries—including all active MCC partner countries—which enables us to operate seamlessly wherever needed.

We deliver project results driven by evidence-based decision making, rigorous monitoring and evaluation, and constant communication project stakeholders. Through decades of experience executing development projects, we have learned how to quickly develop positive working relationships with host country counterparts and private sector partners, rapidly deploy technical assistance, and build capacity to help our clients achieve their objectives.

# SHAPING A MORE LIVABLE WORLD.



## OUR CORPORATE OFFICES

- **Abuja and Lagos**, Nigeria
- **Ankara**, Turkey
- **Apsley**, United Kingdom
- **Belgrade**, Serbia
- **Bethesda**, Maryland, United States
- **Brussels**, Belgium
- **Georgetown**, Guyana
- **Hyderabad**, India
- **Islamabad**, Pakistan
- **Muscat**, Oman
- **Ramallah**, Palestine
- **Sofia**, Bulgaria
- **Vienna**, Austria

### INFRASTRUCTURE

- Logistic and Trade Infrastructure
- Power Grid Reliability
- Power Grid Mapping
- Public Works Capacity Development
- Renewable Energy
- Resilient Water Infrastructure
- Rural Electrification
- Rural Road Infrastructure
- Water Service Delivery

### AGRICULTURE

- Climate Change Adaptation & Access to Agriculture Financing
- Climate-Resilient Agriculture
- Community-Based Nutrition
- Food Security
- High Value Crops
- Irrigation Infrastructure
- Livelihood Improvement
- Post-Harvest Infrastructure
- Smallholder Farmer Capacity Building
- Value Chain Improvement
- Water Resource Management

### CLIMATE CHANGE

- Climate Change Adaptation & Mitigation
- Climate Change Index Insurance
- Climate Change Vulnerability and Opportunity Assessments
- Climate Resilient Infrastructure
- Climate Smart Financing
- GIS Mapping and Rapid Assessment Tools
- Low Carbon Development
- Nature Based Solutions

### CROSS CUTTING

- Digital Acceleration
- Diversity, Equity, Inclusion, and Access
- Free Trade Promotion
- Gender Equity & Women's Empowerment
- Information & Communications Technology Solutions
- Monitoring and Evaluation
- Private Sector Engagement

### EDUCATION

- Non-Formal Education
- Primary/Secondary Education Support
- Teacher Training Programs
- Technical and Vocational Education and Training
- Workforce Preparedness Curriculum

### HEALTH

- Blocking Fecal/Oral Transmission Route
- HIV/AIDS Prevention & Treatment
- Maternal and Child Health and Nutrition
- Non-Communicable Disease and Injury

### LAND TENURE

- Access to Land for Investors and Private Individuals
- Decentralization of Land Tenure Services to Local Authorities
- Establishment of Land Administration Offices
- Formalization of Land Rights
- Land Conflict Mediation
- Legal and Regulatory Reforms

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## ICF holds OASIS Pools 1 – 4. Contract Numbers:

Pool 1—GS00Q14OADU119; Pool 2—GS00Q14OADU209

Pool 3—GS00Q14OADU319; Pool 4—GS00Q14OADU417

# Global expertise supporting emerging development needs

icf.com



ICF contributes to the creation of sustainable and resilient societies across the world. Our experts collaborate with development agencies and cooperating country partners across 100+ countries and cultures, engaging local institutions, improving institutional capacity, and strengthening systems through participation, collaboration, and flexibility.

### About ICF

ICF (NASDAQ:ICFI) is a global consulting services company with over 7,000 specialized experts, but we are not your typical consultants. At ICF, business analysts and policy specialists work together with digital strategists, data scientists, and creatives. For more than 35 years, we have provided technical expertise to the United States government and other development partners.

### Global health

- Survey research
- Health informatics
- Surveillance
- Global health security and emerging pandemic threats
- Health systems strengthening
- Malaria
- HIV/AIDS
- Tuberculosis
- Maternal and child health

### Energy, environment, and education

- Utility and grid modernization
- Energy trading advancement and procurement improvement
- Advanced energy systems
- Global climate change
- Environmental and social impact analysis

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## Resilience and food security

- Resilience measurement
- Beneficiary studies to identify underlying causes of food insecurity
- Women's empowerment
- Agricultural markets and value chains
- Livelihoods

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## All bureaus and offices

- Monitoring, Evaluation, and Learning
- IT modernization
- Cybersecurity
- Communications and engagement
- Human resources transformation
- Innovation management and human-centered design

## The impact of our work

**The Demographic and Health Surveys Program** includes 300 surveys in 90+ countries and has earned ICF a global reputation for the collection and dissemination of accurate, representative data on health indicators and outcomes.

**The Clean Energy Emission Reduction Protocol and Tool** provides a consistent approach for estimating, reporting, and aggregating GHG emission reductions from clean energy programs and investments.

**The Roll Back Malaria Monitoring and Evaluation Reference Group (MERG) and the UNAIDS MERG** rely on ICF to review, update, and define global indicators for malaria and HIV.

**Standardized Survey Tools for the USAID Bureau for Food Security**, including Zone of Influence Surveys, provide the evidence base to help target assistance to address food insecurity.

**The Infectious Disease Detection and Surveillance Program** supports the global response to detecting and preventing the spread of pandemics, including COVID-19.

For more information, contact:

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## About Mathematica

Mathematica is the trusted partner for decisionmakers around the world who are confronting development challenges and working to expand access to clean energy and safe drinking water, increase agricultural productivity, and improve economic opportunities through workforce development and more efficient regulatory environments. Driven by our mission to improve public well-being and our commitment to objective, rigorous research and analysis, we work closely with partners to share insights that inform decision making, identify learning priorities, and amplify impact. Our team of seasoned international and multilingual experts leverage their deep expertise in global education and workforce development, agriculture and irrigation, energy, health, institutional reform and other sectors to reimagine how the world gathers and uses evidence to address the most urgent development challenges. To support our clients, Mathematica relies on a staff of more than 1000 economists, sector specialists, data scientists, statisticians, qualitative researchers and research analysts.

### Capabilities

#### Evaluation

- Rigorous impact evaluations, including rapid-cycle approaches
- Mixed-methods performance evaluations
- Portfolio and summative evaluations
- Regulatory assessments
- Process and implementation evaluations
- Evaluability assessments
- Political economy analysis
- Cost benefit, cost effectiveness and economic rate of return analyses
- Evaluation technical assistance

#### Measurement and learning

- Logic model development
- Monitoring and evaluation plans
- Results reporting tables
- Performance measurement and dashboards
- Data science, data analytics, and predictive modeling
- Systematic evidence reviews
- Capacity building workshops (multilingual)

#### OASIS

OASIS contract: 47QRAD19DU209

Pool: Pool 2 Unrestricted

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#### Data collection

- Remote and in-person training for data collection
- Innovative data collection methods, including GPS, SMS, electricity grid monitors and water and electricity smartmeters
- Using GIS technology for locating and linking sample design and data collection
- Survey design and questionnaire development
- Mobile- and web-based solutions for participant tracking and data intake
- Qualitative data collection, including focus groups, site visits and key informant interviews
- Collecting observational data in classrooms, homes, enterprises and for infrastructure

## Geographic experience



### Sector expertise

- Agriculture and irrigation
- Democracy and governance
- Climate change
- Economic growth
- Education and workforce development
- Energy & electricity
- Financial services, credit and trade
- Health systems
- Institutional and regulatory reform
- Land reform
- Nutrition
- Social protection
- Transportation
- Water and sanitation
- Women's economic empowerment and gender equity

## Selected experience



In Cabo Verde and Zambia, we assess the effects of MCC water supply projects on households using a combination of surveys, utility billing records, infrastructure observations and, in Cabo Verde, data from ultrasonic meters installed to measure water consumption more accurately. Both evaluations assess institutional reforms and estimate the economic-rate-of-return (ERR) of the projects.



We use cutting-edge approaches like satellite imagery and remote sensing to help obtain more precise farmer productivity estimates in many of our agricultural evaluations for MCC. In Burkina Faso, Senegal, Niger, and Moldova we are testing the impact of training, upgraded irrigation infrastructure, and increased access to credit on farmer productivity and income.



Our research in Tanzania for the Millennium Challenge Corporation (MCC) provided valuable information to the country's policymakers, as well as its development partners, on how expansion of the national electric grid and low-cost connections to grid electricity affected energy consumption, energy expenditures, household income, business activity, health, and educational outcomes for rural and peri-urban households.



For the USAID LAC Bureau, we designed and implemented rigorous evaluations of early grade reading programs in Guatemala, Honduras, Nicaragua, and Peru that examined the impact of teacher training, student support, and community outreach on children's educational outcomes. Through these efforts we built the capacity of local organizations to collect high quality data and trained local stakeholders to understand the implications of the findings on future programs.

### FIND US

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Seattle, WA • Tucson, AZ • Woodlawn, MD • Washington, DC | [mathematica.org](http://mathematica.org)

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# Partnering with MCC for a Green and Equitable World

With more than 40 years of development experience, Tetra Tech employs an integrated approach to reduce poverty through climate mitigation, economic growth, and institutional strengthening. We offer high-end management consulting across [13 key practice areas](#) and embed market systems resilience, social inclusion, and sustainability in every project we execute.

From El Salvador to Indonesia and Morocco to Mongolia, Tetra Tech is a trusted partner of MCC and is dedicated to promoting resilient systems and planetary health for smart, inclusive, and climate-adaptive communities. Whether reducing disease burden in Timor-Leste, strengthening market systems in Senegal, or reinforcing judiciary initiatives in Honduras, we prioritize innovative and evidence-based investment.

## Strength in Practice

### Agriculture

- Advanced agriculture and food security
- Climate-smart agriculture
- Disaster risk finance and insurance
- Market systems development
- Private sector engagement and investment
- Women's economic empowerment

### Education

- Data analyses
- Monitoring and evaluation systems
- Performance and impact evaluations
- Research studies
- Student and teacher assessments
- Systems strengthening and scaling up

### Energy

- Clean Energy
- Utility modernization and commercialization
- Transaction advisory
- Energy sector reform

### Health

- Capacity building
- Benefit analysis and economic valuation
- Health systems assessment, analysis, research, and scaling up
- Strengthening health data systems
- Third-party monitoring

### Land and Property Rights

- Access to land rights for vulnerable populations
- Land governance and institutional strengthening at national, municipal, and community levels
- Land policy and legal reform
- Recognition and administration of customary land tenure
- Responsible investment in land and responsible mineral trade
- Stabilization, dispute resolution, and conflict mitigation

### Trade and Economic Growth

- Export facilitation and strategy
- Institutional strengthening
- Investment facilitation and promotion
- Market systems development
- Policy reform and business enabling environment
- Trade barrier analysis and market assessment

### Water, Sanitation, and Irrigation

- Climate-resilient water supply and transportation design
- Environmental and social impact assessments
- Investment planning, evaluation, cost-estimating, benefit-cost analysis, and advisory services
- Program management and construction supervision
- Project evaluation, planning, and permitting
- Resettlement planning and implementation

### OASIS Contract Numbers

GS00Q14OADU138 – POOL 1 Unrestricted  
 GS00Q14OADU337 – POOL 3 Unrestricted  
 GS00Q14OADU436 – POOL 4 Unrestricted

*Delivering innovations in  
100+ countries*

*20+ successful partnerships  
with the MCC*



## Climate Change Adaptation, Social inclusion, and Economic Growth



### **Empowering Women Entrepreneurs in Congo**

Tetra Tech is empowering women entrepreneurs in the Democratic Republic of Congo by applying the Gender Action Learning System methodology through the USAID Feed the Future Strengthening Value Chains activity. We help women set goals, define positive inclusive futures, and develop leadership and business skills by increasing and diversifying incomes, building assets and resilience, and avoiding conflict.



### **Assessing the Feasibility of Disease Burden Reduction in Timor-Leste**

Tetra Tech is providing MCC with a feasibility study, draft environmental and social impact assessment, and resettlement policy framework for water and sanitation improvements in Timor-Leste. This study will help MCC understand the correlation between disease reduction and infrastructure improvements; determine the optimum combination of sub-projects that maximizes disease reduction and the greatest return for MCC investment; accommodate future expansion; and support the critical MCC compact investment decision.



### **Strengthening Energy Systems in Burkina Faso**

Tetra Tech is providing MCC with technical advisory support services in support of Compact implementation oversight. We employ an integrated approach to power sector infrastructure, policy and regulation, private sector investment, institutional development and change management, and bring expertise in environmental and social impact assessment, resettlement, health and safety, management information systems, and GIS.



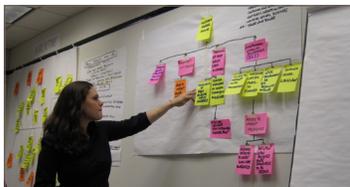
### **Facilitating Trade and Investment in North Africa**

Tetra Tech is implementing the FCDO North Africa Technical Assistance Facility—a dynamic, demand-driven facility designed to deliver technical assistance to Governments, NGOs, and multilateral partners in Tunisia, Egypt, Libya, Morocco, and Algeria. The project takes companies through a series of market acceleration programmes designed to assist SMEs to increase exports and plan investments accordingly or by conducting regional analyses to produce recommendations for removing market access barriers and expanding UK-North Africa regional trade.



### **Formalizing Land Rights in Colombia**

Tetra Tech is working to formalize land tenure across diverse municipalities with complex contexts that include illicit crop cultivation, environmental restrictions, and ethnic group lands; strengthen local land governance and interconnect municipal and national services; and empower rural households to achieve liciteconomic development through public-private partnerships that support access to market opportunities.



### **Monitoring and Evaluating MCC's Compact and Threshold Programs Worldwide**

Tetra Tech provided MCC staff with training on professional development skills and designed and developed more than a dozen professional development courses. We also planned and executed the 2018 MCC Leadership Conference, a biennial event which brought together senior leaders from headquarters and all MCC compact countries as well as Millennium Challenge Account CEOs.



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