

OUR WORK IN

AGRICULTURE AND FOOD SECURITY



Chemonics provides integrated solutions that promote agricultural development, resilience, and food security. We partner with farmers, local governments, the private sector, and associations to reduce risk, facilitate trade, and improve agricultural production.

Addressing the economic, political, and health consequences of food insecurity requires more than just agricultural interventions. Our multisectoral efforts focus on tools and technologies and the enabling environments needed to scale these solutions. Our projects address food insecurity in vulnerable populations, provide stable access to nutritious food, and ensure improved livelihoods for smallholder farmers. As a result, the individuals, households, and communities we work with are more resilient.

ABOUT CHEMONICS

Founded in 1975, Chemonics is one of the world's leading international development consulting firms. In 73 countries around the globe today, our network of approximately 5,000 specialists pursues a higher standard in development everyday to help clients, partners, and beneficiaries achieve results.

OUR SERVICES

We rely on a combination of interventions, including crop-specific production and processing assistance, association strengthening, small and medium-sized enterprise development, policy expertise, and participatory nutrition-sensitive methodologies. We work along the entire value chain using innovative technical approaches to strengthen partnerships.

FOOD SECURITY AND NUTRITION. We address food availability, access, and utilization. Through the Famine Early Warning System Network, we use data analysis and high-tech monitoring of nutrition and livelihoods to provide early warnings of food insecurity. We partner across agriculture; water, sanitation, and hygiene; gender; and health sectors — to implement nutrition-sensitive interventions. We strengthen the capacity of farmers to access and produce for high-value markets. We improve nutritional status in households by supporting behavior change and biofortification.

RESILIENCE. To ensure that income and food production remain steady even as the climate changes, we train farmers on adaptive practices such as irrigation, soil conservation, erosion prevention, and greenhouse production. Our Mali Climate Change Adaptation Activity strengthens government capacity in climate modeling and promote its role in informing climate-sensitive policy. We help stakeholders adapt to and recover from shocks and stresses in ways that reduce chronic vulnerability and facilitate inclusive growth.

MARKET SYSTEMS. We work with agribusiness and service providers to deliver key inputs, structure agriculture-specific financing, and improve quality control. We engage local governments to invest in improved public extension services and market infrastructure, and we mitigate value chain constraints that negatively affect populations' access to affordable, safe, and nutritious foods. Through Ukraine Agriculture and Rural Development Support, we build the capacity of farmers, strengthen value chain linkages, and align profit incentives to ensure demand-driven and market-oriented production.

ENABLING ENVIRONMENT. We collaborate with policymakers and agriculture stakeholders to understand and dismantle systemic enabling-environment constraints. Through strategic public-private partnerships, we improve the enabling environment around issues such as customs, land tenure, input supply, natural resource management, trade, and sanitary and phytosanitary regulations.



\$2.89 B

VALUE OF SALES
attributed to project
implementation



3,738,395

FARMERS
adopted new technologies
and management practices



1,124

POLICIES
implemented to
improve enabling
environments

LAND AND RESOURCE RIGHTS. We enhance agricultural productivity, reduce food insecurity driven by conflict, and promote sustainable natural resource management through our crosscutting work in land tenure security and land and resource rights. Whether by strengthening local institutional capacity to advance equitable land and resource laws or partnering with civil society to defend the rights of vulnerable groups, we create the preconditions for inclusive land governance, conservation, and agricultural investment.

ACCESS TO FINANCE. We tackle barriers to agricultural and rural financial services so that value chain actors can invest in productivity, post-harvest systems, and mechanization. On the demand side, we improve farmers' financial literacy and strengthen the technical and business skills of producer organizations. On the supply side, we support the design, deployment, and scale of financial products and motivate financial institutions to engage in agriculture through linkages to risk mitigation tools.

DIGITAL AGRICULTURE. We help farmers access information that guides them to make sound financial and management decisions. We establish platforms that allow rural farmers to receive real-time weather alerts and pricing information on their mobile devices. Through the Columbia Rural Finance Initiative, we connect farmers to digital financial services. Chemonics trains farmers on the use of agriculture technologies, such as drought-tolerant seed varieties, micro-irrigation kits, and solar-powered dryers, to increase productivity and resiliency.

GENDER. Our gender-sensitive interventions are designed with the understanding that women and men may experience development issues differently. Our tailored approaches stimulate behavior change at the household level by emphasizing economically productive solutions rooted in sociocultural realities. We examine women’s roles and decision-making power in agricultural and agribusiness activities at the community and household levels, seek opportunities to strengthen their food and financial security, and provide vocational training to promote their empowerment and inclusion.

YOUTH. We identify and drive forward sustainable, inclusive, and cost-effective approaches in which youth — especially young women — can serve as leaders, farmers, entrepreneurs, and employees in the agriculture sector. Our Uganda Youth Leadership in Agriculture activity ensures that young people have the necessary entrepreneurship, leadership, and workforce readiness skills to capitalize on opportunities and build relationships with institutions and value chain actors.

COLLABORATING, LEARNING, AND ADAPTING. Our adaptive management ensures projects are flexible and innovative. We co-generate ideas, transform them into pilots or prototypes, and test and scale them to ensure they are functional and meaningful. Our projects rigorously collect data to swiftly adapt to the changing needs of local contexts. We focus on continuously learning from evaluations, performance monitoring data, and feedback from our partners, clients, and beneficiaries.

OUR PRACTICES

Agriculture and Food Security • Democracy and Governance
Economic Growth and Trade • Education and Youth • Environment and Natural Resources
Gender Equality and Social Inclusion • Health • Peace, Stability, and Transition
Supply Chain Solutions • Water, Energy, and Sustainable Cities
