FEED THE FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

Photo Credit: Bread for the World/Laura Elizabeth Pohl

U.S. Government Global Food Security Toolbox

A GUIDE TO FOOD SECURITY AND NUTRITION DEVELOPMENT RESOURCES

About this Toolbox

The Global Food Security Toolbox provides an overview of the tools and resources that the U.S. Government and its partners use to address food security and nutrition challenges throughout the world. To understand how the toolbox is organized, see the Table of Contents at right. To learn more about the specific mechanisms included under each tool category, click on the hyperlinks throughout the toolbox.

About the Global Food Security Strategy

The U.S. Government brings partners together to help some of the world's poorest countries harness the power of agriculture and entrepreneurship to reduce global poverty, hunger, and malnutrition.

Our efforts draw on the agricultural, trade, investment, development, and policy resources and expertise of 11 U.S. Government departments and agencies, in addition to partners from the private sector, civil society, research community and partner governments.

The bipartisan Global Food Security Act of 2016 solidified and strengthened our coordinated approach to sustainably reducing global poverty, hunger and malnutrition. The corresponding U.S. Government Global Food Security Strategy charts how we'll work together to achieve a food-secure future in the years ahead.

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TOOLBOX CATEGORIES

The Global Food Security Toolbox highlights the tools and resources that the U.S. Government and its partners use to address global food security and nutrition challenges throughout the world. These tools support the main objectives of the Global Food Security Strategy, as shown below.

These tools fall into nine main categories, with gender issues mainstreamed throughout:

Capacity Development and Extension Services	Individual, organizational, and system-level capacity development; monitoring and evaluation.
Adaptive Agriculture	Practices and policies focused on increasing agricultural productivity and incomes through improved farmer inputs, mechanization, stress-tolerant animals and crops, and natural resource management, as well as risk management programs for reducing economic shocks at the farm and sectoral levels.
Financing and Investment	Grants and in-kind assistance, debt, equity, concessional finance, loan guarantees, women's savings and loan groups, insurance schemes, and investment preparation and promotion.
Infrastructure and ICT	Investments in irrigation, energy, transportation infrastructure, storage and warehouse, telecommunication systems, technology; scaling and dissemination; and the provision of market information.
Nutrition	Activities that support food production, consumption, fortification and biofortification, dietary diversity, micronutrient supplementation, nutrition-related health services and monitoring, nutrition-sensitive agriculture, child/maternal health and nutrition, school feeding, nutrition education, food safety, water and sanitation.
Policy, Standards and Governance	Policies, regulations and governance technical assistance focused on land tenure and property rights, intellectual property, enabling environments for the private sector, commitments to international agricultural trade, effective sanitary and phytosanitary systems, public investment and expenditure, gender-sensitive policy planning, farm inputs and subsidies policy, and dietary guidelines and nutrition policy.
Private Sector and Market Development	Private sector investment, public-private partnership, trade incentives and facilitation, value chain activities, market information systems, distribution of inputs, access to seeds and fertilizers, dealer networks and sourcing, equipment, and voucher schemes.
Programs to Build Inclusive, Resilient Societies	Activities that support community development, women's empowerment, youth employment and training, vulnerable population programming, all-hazards disaster preparedness and early warning systems, and social protection and safety nets.
Research and Development	Research, new product development, and technology transfer focused on crop improvement and protection; livestock health; postharvest storage and processing; food safety; nutrition; behavioral, gender and social science issues; and weather and environment—leveraging U.S. domestic research and development to achieve global impact.

Global Food Security Strategy (GFSS):

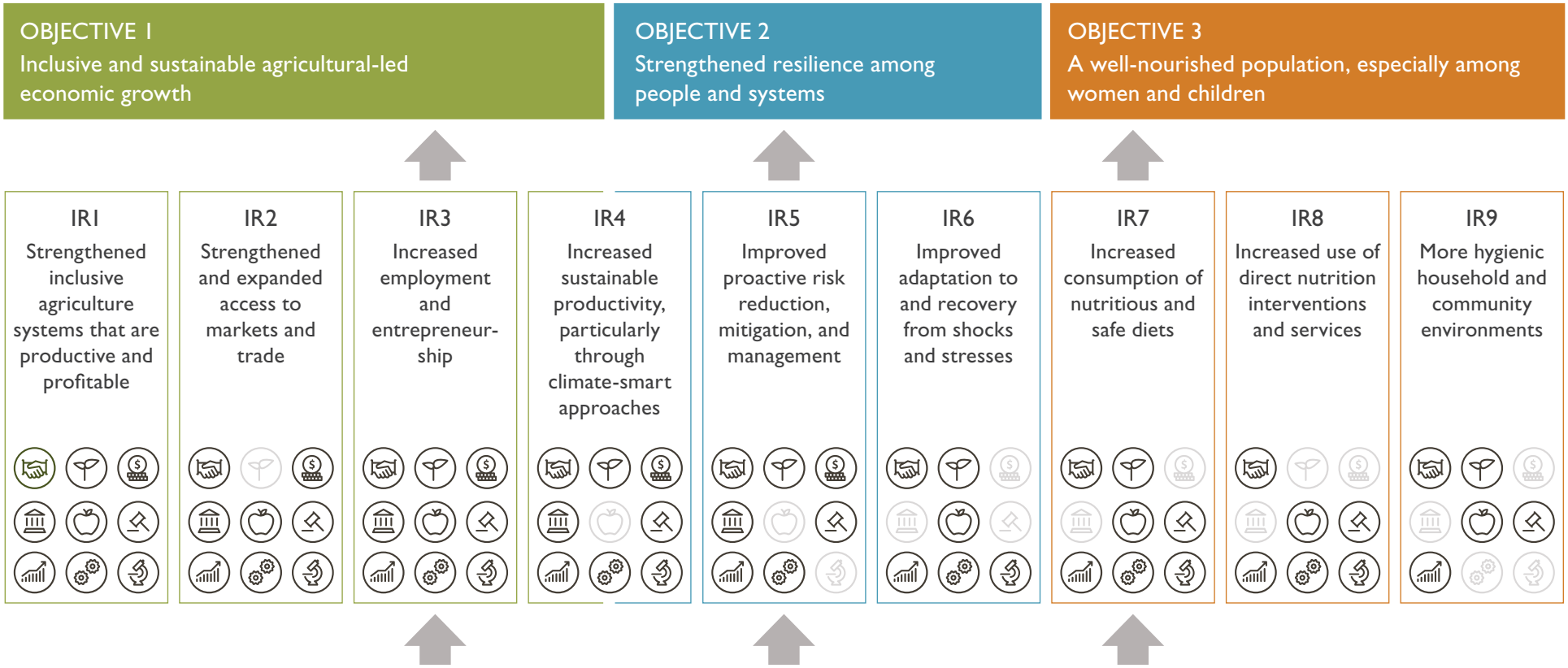
OBJECTIVE 1
Inclusive and sustainable agricultural-led economic growth

OBJECTIVE 2
Strengthened resilience among people and systems

OBJECTIVE 3
A well-nourished population, especially among women and children

GLOBAL FOOD SECURITY STRATEGY FRAMEWORK

The U.S. Government Global Food Security Strategy (GFSS) charts how we'll work to achieve a food-secure future. Activities undertaken in support of the strategy are grouped into sets of tools. These tools can be used to achieve intermediate results (IR) that, in turn, support the overall GFSS objectives. The types of tools available to support the strategy are included below and are linked to the intermediate results they support.



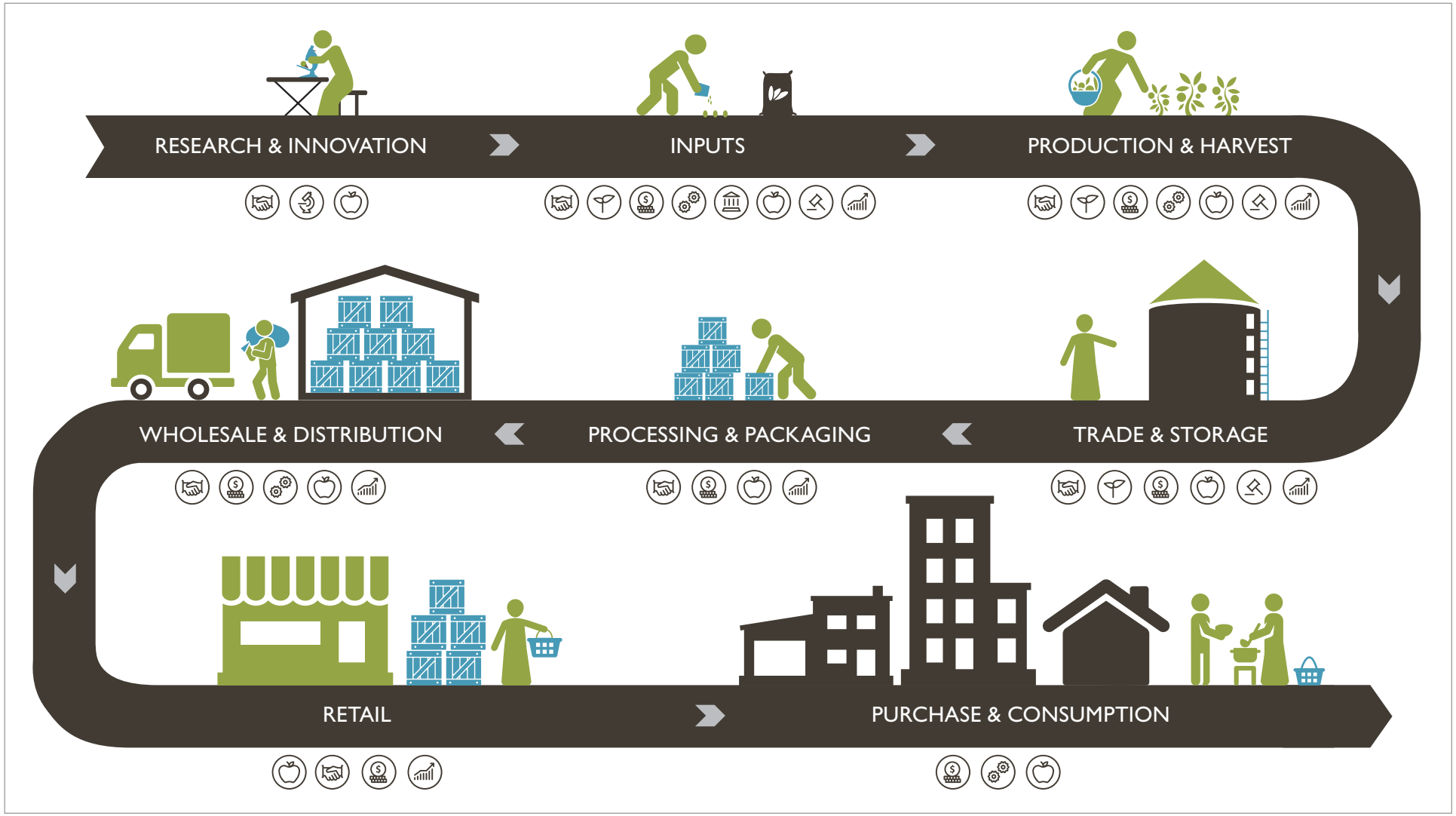
CROSS-CUTTING INTERMEDIATE RESULTS (CCIR)

CC IR 1	Strengthened global commitment to investing in food security	CC IR 4	Increase youth empowerment and livelihoods
CC IR 2	Improved climate risk, land, marine, and other natural resource management	CC IR 5	More effective governance, policy, and institutions
CC IR 3	Increased gender equality and female empowerment	CC IR 6	Improved human, organizational, and system performance

Capacity Development and Extension Services · Adaptive Agriculture · Financing and Investment · Infrastructure and ICT · Nutrition · Policy, Standards and Governance · Private Sector and Market Development · Programs to Build Inclusive, Resilient Societies · Research and Development

TRANSFORMING AGRICULTURE AND FOOD SYSTEMS

Competitive, inclusive, and resilient food and agriculture systems will continue to drive poverty reduction, food security and economic growth in the years ahead. The diagram below shows the types of U.S. Government tools available for making an impact on global food security and nutrition throughout value chains and at various points in the food and agriculture system.



Capacity Development and Extension Services | Adaptive Agriculture | Financing and Investment | Infrastructure and ICT | Nutrition | Policy, Standards and Governance

Private Sector and Market Development | Programs to Build Inclusive, Resilient Societies | Research and Development

TOOL: CAPACITY DEVELOPMENT AND EXTENSION SERVICES (1/3)

Individual, organizational, and system-level capacity development; monitoring and evaluation.

User	Mechanism	Description	Agency/Org.	Food System Stage	Country/Region
Individuals/Households	The John Ogonowski and Doug Bereuter Farmer-to-Farmer (F2F) Program	Knowledge-transfer program that connects farmers in the United States with farmers in developing and transitional countries.	USAID	Cross-cutting	USAID partner countries
	USAID Capacity Development Activities	Activities that provide training and support with improved agricultural practices and technologies, market-oriented agribusiness support, agricultural statistics and market information, and enhanced approaches to maternal and child nutrition.	USAID	Cross-cutting	USAID partner countries
	Cochran Fellowship Program	Short-term, U.S.-based training opportunities for foreign agricultural professionals to enhance their knowledge and skills in agricultural trade, agribusiness development, management, policy, and marketing.	U.S. Department of Agriculture (USDA)	Cross-cutting	Worldwide (middle income countries and emerging democracies)
	Technical Assistance to Smallholder Farmers Through Master Farmer Programs, Farmer Field Schools, and Home Gardening	Peace Corps Volunteers offer this community-based training on small-plot agriculture techniques and other related topics.	Peace Corps	Research and Innovation, Inputs, Production and Harvest	Peace Corps countries
	Youth Entrepreneurship Grants	Grants of US$25,000 awarded to young social and business entrepreneurs in Africa building businesses to support agricultural products, nutrition, health and women and youth empowerment.	U.S. African Development Foundation (USADF)	Cross-cutting	USADF partner countries
	Millennium Challenge Corporation (MCC) Compacts and Threshold Programs	Investments in farmer training and technical assistance designed to increase smallholder farmers' knowledge and skills to apply innovative new systems, improve farm yields, and increase their incomes.	MCC	Cross-cutting	MCC-eligible countries where binding constraints to economic growth are identified in the agricultural sector

TOOL: CAPACITY DEVELOPMENT AND EXTENSION SERVICES (2/3)

Individual, organizational, and system-level capacity development; monitoring and evaluation.

User: Institutions (Farmer Organizations, Schools, Government Agencies, etc.)

Mechanism	Description	Agency/Org.	Food System Stage	Country/Region
USAID Capacity Development Activities	See description on page 6.	USAID	Cross-cutting	All USAID partner countries
Food for Progress	Training provided in areas such as animal and plant health and improved farming methods, using proceeds from the sale of donated U.S. farm commodities on local markets.	USDA	Cross-cutting	Developing countries and emerging democracies
Faculty Exchange Program	Exchange program in which agricultural educators from universities in developing countries spend one semester in the United States to improve their teaching of agricultural economics, marketing, business, and law in a market-based economy.	USDA	Cross-cutting	Developing countries
Agricultural Water in Africa (AgWA) Workshops	Training for mid-level staff at agricultural and water ministries on policy approaches and water-efficient farming techniques.	State Bureau of Oceans and International Environmental and Scientific Affairs (OES)/Extended Continental Shelf (ECS) in partnership with the Food and Agriculture Organization of the United Nations (FAO)	Production and Harvest, Processing and Packaging	East Africa (Uganda)
Sustainable Fisheries Technical Assistance	Capacity building focused on sustainable fisheries management, using the best available science.	U.S. Commerce Department	Cross-cutting	Worldwide
U.S. African Development Foundation (USADF) Grants	Provides grant funding of US$50,000 to US$250,000 to agricultural cooperatives, small-scale producer groups, community-based organizations, and African-intermediary groups to increase capacities in financial and operational management, as well as farming skills.	USADF	Cross-cutting	Africa

TOOL: CAPACITY DEVELOPMENT AND EXTENSION SERVICES (3/3)

User	Mechanism	Description	Agency/Org.	Food System Stage	Country/Region
Institutions (Farmer Organizations, Schools, Government Agencies, etc.)	Global Agriculture and Food Security Program (GAFSP) Grants	The public sector window provides grant funding for investment projects and technical assistance to committed countries in the areas of sector strategy development, investments, and implementation; enhancing design, monitoring, and evaluation; and knowledge development and dissemination.	Multi-donor trust fund —with U.S. Treasury Department participation—housed at the World Bank	Cross-cutting	International Development Association (IDA) countries
	MCC Compacts and Threshold Programs	Investments to strengthen institutional governance for improved sector management. MCC investments also empower and enable country partners to use data to enhance their program results (e.g., investment to strengthen the national statistics agency in Niger).	MCC	Cross-cutting	MCC-eligible countries where binding constraints to economic growth are identified in the relevant sector

Clement Mshana knows all too well how drought can affect livelihoods. However, he did not realize that his traditional farming methods were depleting his soil and exacerbating the effects of erratic rainfall. That all changed when a USAID-supported project brought new farming practices to more than 11,000 Tanzanian farmers whose food security was threatened by insufficient rains and low yields. The program introduced Mshana and other farmers to agricultural techniques specifically designed to mitigate environmental degradation and increase farmers' resilience.

Photo Credit: Megan Johnson, USAID

TOOL: ADAPTIVE AGRICULTURE (1/2)

Practices and policies focused on increasing agricultural productivity and incomes through improved farmer inputs, mechanization, stress-tolerant animals and crops, and natural resource management, as well as risk management programs for reducing economic shocks at the farm and sectoral level.

User	Mechanism	Description	Agency/Org.	Food System Stage	Country/Region
Individuals/Households	AgroLAC 2025 Project Grants	Operating since late 2016, project funds contribute to climate-smart agriculture initiatives to improve regional food security.	Administered by the Nature Conservancy on behalf of AgroLAC 2025, with U.S. State Department	Inputs, Production and Harvest	Central America
	Technical Assistance on Conservation Farming and Other Techniques	Peace Corps Volunteers provide this training.	Peace Corps	Inputs, Production and Harvest	Peace Corps countries
	Resilience Grants	Two focal areas of grants: 1) Identifying problems related to water management, evaluating the quality of the soil, and advising farmers on appropriate farming implementation and 2) Converting biomass and agricultural residue into electricity for communities and creating safe off-grid energy-producing cooking systems.	USADF	Inputs, Production and Harvest, Purchase and Consumption	1) USADF partner countries; and 2) Ethiopia, Ghana, Kenya, Liberia, Nigeria, Rwanda, Uganda, Tanzania and Zambia
	U.S. Climate Resilience Toolkit	Set of web-based tools to help build climate resilience around the world.	National Oceanic and Atmospheric Administration (NOAA), based at U.S. Commerce Department, and U.S. Geological Survey (USGS)	Cross-cutting	Worldwide
	MCC Compacts and Threshold Programs	Investments to improve access to water and irrigation management (e.g.,investments in sustainable water supply for livestock and resilient agricultural production in Niger).	MCC	Cross-cutting	MCC-eligible countries where binding constraints to economic growth are identified in the agricultural sector

TOOL: ADAPTIVE AGRICULTURE (2/2)

User	Mechanism	Description	Agency/Org.	Food System Stage	Country/Region
Institutions (Farmer Organizations, Government Agencies, etc.)	USAID Adaptive Agriculture Activities	Programs to support the development of climate-resilient crops through improved seeds and technologies, training in conservation farming practices, and risk management programs.	USAID	Cross-cutting	USAID partner countries
	MCC Compacts and Threshold Programs	Investments in improved land-use planning to promote better stewardship of resources as well as increased agricultural productivity and household livelihoods (e.g., the Green Prosperity Project in Indonesia).	MCC	Production and Harvest	MCC-eligible countries where binding constraints to economic growth are identified relating to natural resource management
	Famine Early Warning Systems Network (FEWS NET), RAMPS Seed Selection Tool, and the Earth Resources Observation and Science Center	Tools for monitoring climate and land-use changes.	USGS and USAID	Cross-cutting	Worldwide
	Agricultural Model Intercomparison and Improvement Project	Tool to improve the state of agricultural simulation and to understand climate impacts on the agricultural sector at global and regional scales.	USDA in partnership with NASA, USAID and universities	Cross-cutting	Worldwide
	Norman E. Borlaug International Agricultural Science and Technology Fellowship Program	Provides training and collaborative research opportunities to foreign scientists, researchers or policymakers in the early or middle stages of their career.	USDA	Cross-cutting	Developing countries

TOOL: FINANCING AND INVESTMENT (1/2)

Grants and in-kind assistance, debt, equity, concessional finance, loan guarantees, women's savings and loan groups, insurance schemes, and investment preparation and promotion.

User	Mechanism	Description	Agency/Org.	Food System Stage	Country/Region
Individuals/ Households	USAID Financing and Investment Activities	Programs to establish financing mechanisms such as savings incentive programs, revolving loan funds, and mobile money systems.	USAID	Cross-cutting	USAID partner countries
	Youth Entrepreneurship Grants	See description on page 6.	USADF	Cross-cutting	USADF partner countries
Institutions (Farmer Organizations, Schools, Government Agencies, etc.)	USAID Financing and Investment Activities	Programs to establish financing mechanisms such as savings incentive programs, revolving loan funds, and producer group financing.	USAID	Cross-cutting	USAID partner countries
	Guide to the Use of Digital Financial Services in Agriculture	Tools to identify specific challenges in value chains and to subsequently identify corresponding digital financial service solutions, with the aim of advancing digital financial inclusion for smallholder farmers.	USAID	Cross-cutting	USAID partner countries
	MCC Compacts and Threshold Programs	Grants provided through an MCC-financed compact to help cooperatives acquire processing capacities.	MCC	Cross-cutting	MCC-eligible countries where binding constraints to economic growth are identified relating to access to finance for farmers
	International Fund for Agricultural Development (IFAD) Grants	Grants to promote successful and/or innovative approaches and technologies, together with enabling policies and institutions, which will support agricultural and rural development.	The U.S. Department of the Treasury represents the United States on IFAD's Governing Council and Executive Board	Cross-cutting	Worldwide (focus on providing 40% to 50% of resources to Sub-Saharan Africa)

TOOL: FINANCING AND INVESTMENT (2/2)

User	Mechanism	Description	Agency/Org.	Food System Stage	Country/Region
Institutions (Farmer Organizations, Schools, Government Agencies, etc.)	Caribbean Ocean and Aquaculture Sustainability Facility (COAST) Climate Risk Insurance for Fisheries Sector	Caribbean governments implement this parametric insurance product to promote the resilience of their fisheries sector against climate-related disaster risks.	U.S. State Department, partnering with the World Bank, FAO, The Nature Conservancy and the Caribbean Catastrophe Risk Insurance Facility (CCRIF), Caribbean Regional Fisheries Mechanism (CRFM)	Inputs, Production and Harvest	Caribbean Community (CARICOM) and other Caribbean countries
Private Sector	Development Credit Authority Guarantees	Provides loan guarantees to mobilize local capital and help expand credit in underserved markets.	USAID	Cross-cutting	All Feed the Future focus countries and regions
	Debt Financing	Medium- to long-term debt from US$350,000 to US$250 million for eligible investment projects. For financial institutions, Overseas Private Investment Corporation (OPIC) can provide investment guarantees that share the risk on a portfolio.	OPIC	Inputs, Purchase and Consumption	OPIC-eligible countries
	Private Equity Funds	Support for the creation of privately owned and managed investment funds in developing countries facing a shortfall of private equity capital.	OPIC	Inputs, Purchase and Consumption	OPIC-eligible countries
	Political Risk Insurance	Political risk insurance products to cover losses to tangible assets, investment value, and earnings that result from political perils.	OPIC	Cross-cutting	OPIC-eligible countries
	Global Agriculture and Food Security Program (GAFSP) Loans, Credit Guarantees, and Equity Investments	Financing aimed at increasing the commercial potential of small and medium-sized agribusinesses and farmers by connecting them with local, national, and global value chains. It focuses on 1) increasing productivity, 2) supporting innovation, and 3) reducing risks.	Multi-donor trust fund —with U.S. Treasury Department participation—housed at the World Bank	Cross-cutting	Open to private sector firms and financial institutions operating in International Development Association-only countries

TOOL: INFRASTRUCTURE AND ICT (1/2)

Investments in irrigation, energy, transportation infrastructure, storage and warehouse, telecommunication systems, technology scaling and dissemination, and the provision of market information.

User	Mechanism	Description	Agency/Org.	Food System Stage	Country/Region
Individuals/Households/Institutions (Farmer Organizations, Schools, Government Agencies, etc.)	USAID Infrastructure and ICT Activities	Programs to build irrigation systems, transport to markets, and ICT extension.	USAID	Production and Harvest, Trade and Storage, Processing and Packing, Wholesale and Distribution	USAID partner countries
	Digital Development for Feed the Future Grants and Programming	Partnership to integrate digital technologies into Feed the Future activities to accelerate reductions in global hunger, malnutrition, and poverty.	USAID	Cross-cutting	USAID partner countries
	MCC Compacts and Threshold Programs	Investments in vital food security-related infrastructure such as irrigation systems, roads, electrification, postharvest facilities, and ports to facilitate better access to markets and stronger rural-urban value chains.	MCC	Production and Harvest, Trade and Storage, Processing and Packing, Wholesale and Distribution	MCC-eligible countries where binding constraints to economic growth are identified relating to farm-to-market infrastructure
	U.S. African Development Foundation (USADF) Grants	See description on Page 7.	USADF	Inputs, Production and Harvest, Trade and Storage, Processing and Packaging, Wholesale and Distribution	USADF partner countries
	Global Agriculture and Food Security Program (GAFSP) Grants	Provides grant funding for investment projects and technical assistance to committed countries with regard to adopting high-yielding technologies and technology generation.	Multi-donor trust fund —with U.S. Treasury Department participation—housed at the World Bank	Cross-cutting	International Development Association countries

TOOL: INFRASTRUCTURE AND ICT (2/2)

User	Mechanism	Description	Agency/Org.	Food System Stage	Country/Region
Individuals/Households/Institutions (Farmer Organizations, Schools, Government Agencies, etc.)	Family Early Warning Systems Network (FEWS NET)	Provides surveillance and context analysis to inform early warning of acute food insecurity. Network development activities that strengthen the capacity of local governments and stakeholders to collect, analyze, and use early warning system information.	USAID, USGS, NOAA, NASA, and USDA	Cross-cutting	USAID partner countries

In 2009, Awahou Codjo received a grant, accounting training and software from the Millennium Challenge Corporation (MCC) to grow her fish business. Her grant was financed under an agreement between MCC and the Government of Benin to increase productivity, profitability, and access to finance for micro-, small-, and medium-sized businesses. In 2015, MCC took another step to invest in the productivity of businesses like Codjo's by signing a new agreement with Benin to strengthen the power sector with infrastructure and policy reform. Codjo, who faces power blackouts, overstressed generators and freezers, and the threat of fire, keeps her electrician on speed dial. She foresees the economic advantages of a more reliable grid for her business.

TOOL: NUTRITION (1/2)

Activities that support food production, consumption, fortification and biofortification, dietary diversity, micronutrient supplementation, nutrition-related health services and monitoring, nutrition-sensitive agriculture, child/maternal health and nutrition, school feeding, nutrition education, food safety, water and sanitation.

User	Mechanism	Description	Agency/Org.	Food System Stage	Country/Region
Individuals/Households	USAID Nutrition Activities	Programs to scale up social and behavior change interventions to address barriers and support enablers to optimal infant, young child and maternal nutrition practices, including production and consumption of nutrient-dense foods.	USAID	Cross-cutting	USAID partner countries
	Training and Communication on Essential Nutrition Actions (ENA) and First 1,000 Days	Health facilities and community groups, with support from Peace Corps Volunteers, implement the ENA framework, which represents a comprehensive strategy for reaching 90% coverage with high-impact nutrition interventions. In tandem, Peace Corps volunteers promote the "first 1,000 days" approaches.	Peace Corps	Purchase and Consumption	Peace Corps countries
	McGovern-Dole International Food for Education and Child Nutrition Program	Provides donations of U.S. agricultural commodities, as well as financial and technical assistance, to support school feeding and maternal and child nutrition projects. The key objectives are to reduce hunger and improve literacy and education, especially for girls.	USDA	Wholesale and Distribution, Purchase and Consumption	Low-income and food-deficit countries
	Youth Entrepreneurship Grants	See description on page 6.	USADF	Cross-cutting	USADF partner countries
	Emergency Nutrition Intervention Activities	Programs to address acute food insecurity through the provision of specialized food commodities directly or cash or vouchers to simultaneously address critical food needs and stimulate localized food economies. Activities that seek to meet food needs during times of shock and protect assets and health to maintain or build resilience. Life-saving treatment programs for acute malnutrition.	USAID	Purchase and Consumption	Worldwide

TOOL: NUTRITION (2/2)

User	Mechanism	Description	Agency/Org.	Food System Stage	Country/Region
Institutions (Farmer Organizations, Schools, Government Agencies, etc.)	USAID Nutrition Activities	Programs to scale up social and behavior change interventions to address barriers and support enablers to optimal infant, young child and maternal nutrition practices, including production and consumption of nutrient-dense foods.	USAID	Production and Harvest, Purchase and Consumption	USAID partner countries
	MCC Compact and Threshold Programs	Investments in sanitation, maternal and child health, and nutrition interventions (e.g., the Community-Based Health and Nutrition to Reduce Stunting Project in Indonesia).	MCC	Cross-cutting	MCC-eligible countries where binding constraints to economic growth are identified in the nutrition sector

In Malawi, USAID has partnered with a leading snack and beverage producer and the International Potato Center to introduce new sweet potato chips and bread to the local market. This partnership is also building a sustainable supply chain by providing sweet potato farmers with training in proper production and storage, improved sweet potato vines, and access to the formal sweet potato market. For the 8,500 smallholder farmers growing sweet potato in Malawi, increased consumer demand for sweet potato products means higher incomes. For the 60 percent of Malawian children under five who suffer from vitamin-A deficiency, these nutritious products could be life-changing.

Photo Credit: Alessandra Grasso, U.S. Borlaug Fellow

TOOL: POLICY, REGULATIONS AND GOVERNANCE (1/2)

Policies, regulations and governance technical assistance focused on land tenure and property rights, intellectual property, enabling an environment for the private sector; commitments to international agricultural trade; effective sanitary and phytosanitary systems; public investment and expenditure; gender-sensitive policy planning; farm inputs and subsidies policy; and dietary guidelines and nutrition programs.

User	Mechanism	Description	Agency/Org.	Food System Stage	Country/Region
Individuals/ Households	Cochran Fellowship Program	See description on page 6.	USDA	Cross-cutting	Worldwide (middle income countries and emerging democracies)
Institutions (Farmer Organizations, Schools, Government Agencies, etc.)	USAID Policy, Regulations, and Governance Activities	Programs to develop and support agricultural policy and food safety regulations.	USAID	Cross-cutting	USAID partner countries
	Trade and Investment Framework Agreements	Tools to engage countries in discussions on trade and investment policy reform.	Office of the United States Trade Representative	Cross-cutting	Worldwide
	Animal and Plant Health Inspection Service Courses	Training focused on eliminating unjustified sanitary or phytosanitary barriers to keep export markets open for American agricultural products.	USDA	Trade and Storage	Worldwide
	Biotechnology Outreach Grants	Helps Embassy conduct activities to encourage the adoption of science-based regulatory systems and promote acceptance of agricultural biotechnologies in key overseas markets. Most activities are in the range of US$10,000 to US$25,000 grant funding.	U.S. State Department (Bureau of Economic and Business Affairs/ Office of Agricultural Policy)	Inputs, Production and Harvest	Worldwide
	Sustainable Aquaculture Program	Assists international partners in developing policies for sustainable aquaculture.	U.S. Commerce Department (NOAA)	Production and Harvest	Worldwide
	MCC Compacts and Threshold Programs	Investments to strengthen property rights and improve land policy to ensure that farmers, including women, have secure access to land, and that government institutions can effectively manage land resources.	MCC	Cross-cutting	MCC-eligible countries where binding constraints to economic growth are identified relating to land and property rights

TOOL: POLICY, REGULATIONS AND GOVERNANCE (2/2)

Policies, regulations and governance technical assistance focused on land tenure and property rights, intellectual property, enabling an environment for the private sector; commitments to international agricultural trade; effective sanitary and phytosanitary systems; public investment and expenditure; gender-sensitive policy planning; farm inputs and subsidies policy; and dietary guidelines and nutrition programs.

User	Mechanism	Description	Agency/Org.	Food System Stage	Country/Region
Institutions (Farmer Organizations, Schools, Government Agencies, etc.)	Global Open Data for Agriculture and Nutrition Initiative (GODAN)	Initiative that supports the proactive sharing of open data to make information about agriculture and nutrition available, accessible and usable to deal with the urgent challenge of ensuring global food security.	U.S. Government led by USDA, in partnership with other governments, nonprofits, and private enterprise	Cross-cutting	Worldwide

TOOL: PRIVATE SECTOR AND MARKET DEVELOPMENT (1/2)

Private sector investment, public-private partnership (PPP), trade incentives and facilitation, value chain activities, market information systems, distribution of inputs, access to seeds and fertilizers, dealer networks and sourcing, equipment, and voucher schemes.

User	Mechanism	Description	Agency/Org.	Food System Stage	Country/Region
Individuals/Households	USAID Private Sector and Market Development Activities	Programs to develop agribusiness incubators, increase postharvest production and marketing and build farm service centers.	USAID	Cross-cutting	USAID partner countries
	Youth Entrepreneurship Grants	See description on page 6.	USADF	Cross-cutting	USADF partner countries
	Cochran Fellowship Program	See description on page 6.	USAID	Cross-cutting	Worldwide
Institutions (Farmer Organizations, Schools, Government Agencies, etc.)	USAID Private Sector and Market Development Activities	Programs to create competitive value chain enterprises to generate employment and income, foster financial and commodities markets, support postharvest handling and storage of crops, and build farm service centers.	USAID	Trade and Storage, Processing and Packaging, Wholesale and Distribution, Retail, Purchase and Consumption	USAID partner countries
	Food for Progress	See description on page 7.	USDA	Cross-cutting	Developing countries and emerging democracies

TOOL: PRIVATE SECTOR AND MARKET DEVELOPMENT (2/2)

User	Mechanism	Description	Agency/Org.	Food System Stage	Country/Region
Private Sector	Opportunity Explorer: Private Sector Engagement Tool	Online, interactive tool to help interested private sector partners determine whether there is a potential to engage with Feed the Future.	USAID	Cross-cutting	Feed the Future partner countries
	Advocacy Assistance	Assistance to exporters of U.S. goods and services as they compete against foreign firms for international public sector contracts/projects, resulting in deeper trade engagement with focus countries.	International Trade Administration (ITA) based at U.S. Commerce Department	Cross-cutting	Worldwide
	Exhibitions and Trade Shows	Events to promote trade opportunities.	ITA	Cross-cutting	Worldwide
	Top Markets Series Market Assessment Reports	Reports designed to help exporters determine their next export market by comparing opportunities across borders.	ITA	Cross-cutting	Worldwide
	Single Company Promotion Services	Provides export-ready U.S. companies with promotional events (e.g., technical seminars, press conference, networking events) to increase awareness of existing or new products/services in a specific market.	ITA	Cross-cutting	Worldwide
	Gold Key Matchmaking Services	A service that identifies potential local partners, determines the marketability of products or services, and meets one-on-one with pre-screened local buyers, sales reps and business partners.	ITA	Cross-cutting	Worldwide

TOOL: PROGRAMS TO BUILD INCLUSIVE, RESILIENT SOCIETIES (1/2)

Activities that support women's empowerment, youth employment and training, vulnerable population programming, all-hazards disaster preparedness and early warning systems, and social protection and safety nets.

User	Mechanism	Description	Agency/Org.	Food System Stage	Country/Region
Individuals/Households	USAID Programs to Build Inclusive, Resilient Societies	Programs to provide safety nets, workforce training, alternative livelihoods development, and women's empowerment.	USAID	Cross-cutting	USAID partner countries
	Resilience Grants	Sustainable farming training, technical assistance, and credit for smallholder farmers affected by insecurity and war.	USADF	Cross-cutting	USADF partner countries
	Technical Assistance on Farming and Nutrition to Women's Groups and Youth	Peace Corps Volunteers provide training.	Peace Corps	Cross-cutting	Peace Corps countries
Institutions (Farmer Organizations, Schools, Government Agencies, etc.)	USAID Programs to Build Inclusive, Resilient Societies	Programs to provide safety nets, workforce training, alternative livelihoods development, and women's empowerment.	USAID	Cross-cutting	USAID partner countries
	Gender Integration Framework (GIF) Tool and Training-of-Trainer Resources	Tool to strategically examine programmatic needs and progress across key dimensions that contribute to women's empowerment in agriculture, and incorporates them into program design.	USAID	Cross-cutting	Worldwide
	Women's Empowerment in Agriculture Index (WEAI)	Index tool that monitors program performance and tracks changes in women's empowerment that occur as a direct or indirect result of Feed the Future interventions.	USAID/IFPRI/Oxford University/Bill and Melinda Gates Foundation	Cross-cutting	Worldwide
	Cultivating Women's Empowerment	Compendium of Feed the Future case studies on integrating gender concerns into programming.	USAID	Cross-cutting	USAID partner countries

TOOL: PROGRAMS TO BUILD INCLUSIVE, RESILIENT SOCIETIES (2/2)

User	Mechanism	Description	Agency/Org.	Food System Stage	Country/Region
Institutions (Farmer Organizations, Schools, Government Agencies, etc.)	MCC Compacts and Threshold Programs	Social and gender analysis—including the use of the WEAI - is incorporated in the design of MCC's agricultural projects. Projects frequently provide technical and financial assistance, market linkages, and land access to women.	MCC	Cross-cutting	MCC-eligible countries where binding constraints to economic growth are identified relating to the agricultural sector
	Global Agriculture and Food Security Program (GAFSP) Grants	The Public Sector Window provides grant funding for investment projects and technical assistance to committed countries in the areas of managing price and weather risk, strengthening food-related social protection for people, and improving the nutrition of vulnerable groups.	Multi-donor trust fund—with U.S. Treasury Department participation—housed at the World Bank	Cross-cutting	International Development Association countries
	FEWS NET	See description on page 14.	USAID, USGS, NOAA, NASA, and USDA	Cross-cutting	USAID partner countries
	Caribbean Ocean and Aquaculture Sustainability Facility (COAST) Climate Risk Insurance for Fisheries Sector	See description on page 12.	The U.S. State Department, partnering with the World Bank, FAO, the Nature Conservancy and the Caribbean Catastrophe Risk Insurance Facility (CCRIF)	Inputs, Production and Harvest	Caribbean Community (CARICOM) and other Caribbean countries

TOOL: RESEARCH AND DEVELOPMENT

Research, new product development, and technology transfer focused on crop improvement and protection, livestock health, post-harvest storage and processing, food safety, nutrition, behavioral, gender, and social science issues, climate and environment; with opportunities to leverage or align with domestic research and development investments in order to achieve global impact.

User	Mechanism	Description	Agency/Org.	Food System Stage	Country/Region
Institutions (Farmer Organizations, Schools, Government Agencies, etc.)	USAID Research and Development Activities	Research activities anchored around four major objectives: 1) sustainable intensification, 2) increasing productivity, 3) food safety and nutrition, and 4) enabling environment.	USAID	Research and Innovation	USAID partner countries
	USDA International Research, Extension, and Education Programs	USDA reviews its ongoing and planned research programs to identify areas for dual-use benefits with relevance to both GFSS objectives and U.S. agriculture. Some ongoing projects include wheat improvement and UG99, livestock improvement and health, and resiliency.	USDA	Cross-cutting	Developing countries
Researchers and Universities	Norman E. Borlaug International Agricultural Science and Technology Fellowship Program	See description on page 10.	USDA	Cross-cutting	Developing countries
	Feed the Future Innovation Labs	A research network of over 70 U.S. colleges and universities, partnering with host-country institutions, to develop science-based technologies to feed a growing global population.	USAID	Cross-cutting	All Feed the Future focus countries and regions
	Partnerships for Enhanced Engagement in Research (PEER) Program	Provides training and collaborative research opportunities to foreign scientists, researchers or policymakers in the early or middle stages of their career.	U.S. National Academy of Sciences (NAS) with USAID, USDA, USGS, and other USG agencies	Cross-cutting	Varies by funding cycle
	Food Aid Quality Review	Research effort to better understand the scope of the USG investment in provision of food assistance. Conducts research aimed at improving programming effectiveness, efficiency and safety.	USAID	Purchase and Consumption	Worldwide

CONTACTS (1/2)

The following is a list of the 11 U.S. Government departments and agencies that work together to achieve U.S. global food security goals. For more information, email the corresponding contact person listed below.

Agency/Dept.	Activities	Contact
USAID FROM THE AMERICAN PEOPLE	**U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT** Provides overall leadership of U.S. Government Global Food Security Strategy. Coordinates, implements, and assesses programming at the country and regional levels while also directly programming agriculture, nutrition, resilience, and development food assistance funding. Supports U.S. leadership of the global food security agenda through engagement in multilateral processes, including the G7, G20, and the UN.	**Alice Riedel** ariedel@usaid.gov
USDA	**U.S. DEPARTMENT OF AGRICULTURE** Supports agricultural development and trade through research, data and economic analysis, market information systems and statistics, natural resources management, and overseas and U.S.-based trade and technical capacity building. Leads the U.S. Government's participation in the Global Open Data for Agriculture and Nutrition initiative, which supports global efforts to make agricultural and nutrition data available, accessible and usable worldwide without restrictions. Supports the U.S. Government's global food security efforts through the McGovern-Dole International Food for Education and Child Health and Nutrition Program focused on improving literacy of school-aged children and children's health and nutrition through the Food for Progress Program, focused on improving agricultural productivity and expanding trade and markets.	**Brian Guse** brian.guse@fas.usda.gov
	U.S. DEPARTMENT OF COMMERCE Promotes trade and investment through the International Trade Administration and provides weather and climate forecasting and guidance to some priority countries on climate change mitigation and sustainable fisheries through the National Oceanic and Atmospheric Administration.	**Victoria Kao** Victoria.Kao@trade.gov
	U.S. DEPARTMENT OF STATE Uses diplomacy to keep food security and nutrition high on the global political agenda to improve strategic coordination and to increase global resources from other donors for food security and nutrition. Advances policy reforms that strengthen the effectiveness of food security investment and strengthens national frameworks for adoption and regulation of agricultural biotechnology. Partners with relevant United Nations agencies and other international organizations on global food security and nutrition agenda.	**Robert Domaingue** DomaingueRC@state.gov
	U.S. DEPARTMENT OF THE TREASURY Coordinates multilateral development bank (MDB) support for food security, including contributions to Global Agriculture and Food Security Program (GAFSP). Promotes rigorous monitoring and evaluation of MDB projects and GAFSP investments. Encourages alignment of GAFSP investments with U.S. food security priorities. Oversees other MDB funding for agriculture, including activities of the International Fund for Agricultural Development, the African Development Bank, the Asian Development Bank, and the World Bank.	**Nicholas Strychacz** Nicholas.Strychacz@treasury.gov

CONTACTS (2/2)

Agency/Dept.	Activities	Contact
	MILLENNIUM CHALLENGE CORPORATION Invests in country-led projects that lead to economic growth and sustainably reduce poverty, including investments in vital food security-related infrastructure, such as irrigation systems, roads, electrification, ports and postharvest facilities. Helps advance institutional and policy reform to create a stronger environment for increased private-sector investment. Supports projects that strengthen land and property rights, improve land policy, reduce stunting, and provide business training and agricultural finance.	**Timothy Mooney** mooneytj@mcc.gov
	OVERSEAS PRIVATE INVESTMENT CORPORATION Mobilizes essential U.S. and local partner private investments in priority countries through political risk insurance, long-term debt financing, and support to private equity funds.	**Bruce Cameron** Bruce.Cameron@opic.gov
	PEACE CORPS Dedicates Peace Corps Volunteers to support community economic development, agriculture, the environment and, nutrition.	**Dominica Martin** dmartin@peacecorps.gov
	OFFICE OF THE U.S. TRADE REPRESENTATIVE Advances work on trade and investment policy, including trade facilitation and other efforts to reduce barriers to efficient markets, consistent with international obligations in the World Trade Organization, through bilateral discussions such as trade and investment, framework agreements, and free trade agreements.	**Joan Hurst** Joan_E_Hurst@ustr.eop.gov
	U.S. AFRICAN DEVELOPMENT FOUNDATION Builds the capacity of local farmer associations and food processors in select countries in Africa. Expands economic activities in rural communities and involves smallholders in local, regional and international markets.	**Michelle McKenzie** mmckenzie@usadf.gov
	U.S. GEOLOGICAL SURVEY Offers scientific and technical expertise to enhance resilience to recurring droughts. In its role as a Famine Early Warning Systems Network implementing partner, provides remotely-sensed and seasonal forecast-derived products on crop performance indices for more informed recovery, response and preparedness. Provides expertise on integrated approaches for sustainable water resources and management.	**Jim Rowland** rowland@usgs.gov

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USAID FROM THE AMERICAN PEOPLE

USDA

MILLENNIUM CHALLENGE CORPORATION UNITED STATES OF AMERICA

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Peace Corps

USGS science for a changing world