

Gates Foundation: grants for agricultural development, 2003-2020

(by grantee type and institution)

ID	INSTITUTION	TYPE	AMOUNT (\$US)	GRANTEE COUNTRY	GRANTEE REGION	YEAR	PURPOSE
OPP48106	African Agricultural Technology Foundation	AATF	35,895,080	AATF	AATF	2008	to develop drought tolerant maize for small farmers in Africa
OPP1036598	African Agricultural Technology Foundation	AATF	1,000,000	AATF	AATF	2011	for general operating support
OPP1052791	African Agricultural Technology Foundation	AATF	4,756,466	AATF	AATF	2012	to create Global Public Goods by selecting successful germplasm for global distribution along with the data, to create a strong, viable and sustainable 2-line rice hybrid breeding platform
OPP1019943	African Agricultural Technology Foundation	AATF	50,521,865	AATF	AATF	2012	to develop and distribute improved maize hybrids for Africa that are drought-tolerant, insect-resistant, and higher yielding
OPP1038060	African Agricultural Technology Foundation	AATF	3,990,308	AATF	AATF	2012	to enhance knowledge-sharing and awareness on agricultural biotechnology for improved understanding and appreciation
OPP1101611	African Agricultural Technology Foundation	AATF	104,391	AATF	AATF	2013	to support for increased participation of African and South Asian scholars and policy makers at the 2014 ICABR Annual Meeting
OPP1127141	African Agricultural Technology Foundation	AATF	10,513,020	AATF	AATF	2015	to enhance knowledge-sharing and awareness on agricultural biotechnology
OPP1154118	African Agricultural Technology Foundation	AATF	8,542,920	AATF	AATF	2016	to address systemic failures in maize foundation seed that limit current SME seed company's ability to reach scale, and smallholder farmers access to newer, better performing, climate resilient products developed through global public goods
OPP1173915	African Agricultural Technology Foundation	AATF	399,918	AATF	AATF	2017	to develop strategies or approaches to effectively and sustainably achieve higher mechanization usage by smallholder cassava farmers that will increase overall yield per unit area and productivity
OPP1188624	African Agricultural Technology Foundation	AATF	27,029,110	AATF	AATF	2018	to fund the approval and initiation of commercialization of transgenic drought tolerant and insect-pest protected maize hybrids in at least four African countries
OPP1187061	African Agricultural Technology Foundation	AATF	4,353,228	AATF	AATF	2018	to provide funding to support the development of hybrid rice breeding programs and seed production technologies for use by the private sector. Hybrid rice will improve the productivity and incomes of smallholder farmers and provide a sustain
OPP1215050	African Agricultural Technology Foundation	AATF	18,230,280	AATF	AATF	2019	to enhance knowledge-sharing and awareness on agricultural biotechnology
INV-002847	African Agricultural Technology Foundation	AATF	4,866,887	AATF	AATF	2020	to address systemic failures in foundation seed availability that limit SME seed companies' ability to reach scale and farmers access to newer, better performing, climate resilient seed developed through global public goods investments
OPP43987	Alliance for a Green Revolution in Africa	AGRA	96,910,362	AGRA	AGRA	2006	to increase access of smallholder farmers to improved crop varieties using a variety of production and distribution strategies
OPP48790	Alliance for a Green Revolution in Africa	AGRA	156,159,034	AGRA	AGRA	2007	to increase smallholder access to locally appropriate fertilizer, extend integrated soil fertility management practices including efficient fertilizer and organic matter use, and improve fertilizer and soil extension policies
OPP51697	Alliance for a Green Revolution in Africa	AGRA	15,000,000	AGRA	AGRA	2008	to launch a markets program at AGRA focusing on local and regional markets
OPPGD939	Alliance for a Green Revolution in Africa	AGRA	15,287,204	AGRA	AGRA	2009	to develop a strong agricultural policy support system in Africa that will raise incomes and assure household and national food security
OPPGD702	Alliance for a Green Revolution in Africa	AGRA	9,693,937	AGRA	AGRA	2010	to improve the livelihoods of smallholder farmers in sub-Saharan Africa by strengthening member-based farmer organizations to deliver demand-driven, income-enhancing services to their members
OPP1006391	Alliance for a Green Revolution in Africa	AGRA	33,258,436	AGRA	AGRA	2010	to raise the incomes and livelihoods of millions of smallholder farmers in African countries through meaningful improvements to their farm business operations and the market infrastructure of core food staples
OPPGD1400	Alliance for a Green Revolution in Africa	AGRA	51,471,245	AGRA	AGRA	2011	to increase the availability and accessibility of more resilient and higher yielding seed varieties of important food crops in sub-Saharan Africa
OPP1045132	Alliance for a Green Revolution in Africa	AGRA	10,000,000	AGRA	AGRA	2012	to provide general operating support
OPP1064148	Alliance for a Green Revolution in Africa	AGRA	441,800	AGRA	AGRA	2012	to provide support for the African Green Revolution Forum in September 2012
OPPGD1278	Alliance for a Green Revolution in Africa	AGRA	3,007,219	AGRA	AGRA	2012	to support bilingual graduate training in Agricultural Economics in Francophone Africa
OPP1089985	Alliance for a Green Revolution in Africa	AGRA	4,000,662	AGRA	AGRA	2013	to build core advocacy capacity of AGRA, with modules linked to Policy Hubs and AGRA Comms
OPP1080823	Alliance for a Green Revolution in Africa	AGRA	11,811,886	AGRA	AGRA	2013	to improve smallholder farmer productivity and income by training plant breeders to better serve seed companies and public institutions by designing and operating state of the art breeding pipelines, increasing genetic gains and acceleratin
OPP1082331	Alliance for a Green Revolution in Africa	AGRA	10,982,157	AGRA	AGRA	2013	to support African Governments' efforts to put in place policies and regulations that attract and facilitate increased private sector investment in local agribusinesses that deliver improved input technologies to poor smallholder farmers, a
OPP1120186	Alliance for a Green Revolution in Africa	AGRA	813,769	AGRA	AGRA	2014	to fund the collection of outcome panel data in areas with high development agency investments in Tanzania
OPP1136309	Alliance for a Green Revolution in Africa	AGRA	10,000,000	AGRA	AGRA	2015	to improve the food security and well-being of smallholder farmers across Sub-Saharan Africa by supporting the Alliance for a Green Revolution in Africa as a leading institution in African agricultural development
OPP1182105	Alliance for a Green Revolution in Africa	AGRA	375,000	AGRA	AGRA	2017	to support the African Green Revolution Forum (AGRF) as a premier platform for African and global leaders to accelerate sustainable agricultural transformation in Africa

OPP1157288	Alliance for a Green Revolution in Africa	AGRA	200,000,000	AGRA	AGRA	2017	to undertake agricultural interventions to increase the productivity and incomes of at least 30 million smallholder farming households, and use data, evidence and technical capacity to support African countries to trigger and sustain inclus
OPP1213336	Alliance for a Green Revolution in Africa	AGRA	4,197,276	AGRA	AGRA	2020	to enhance government decision-making and improve public support to agricultural transformation and livelihoods
INV-004864	Alliance for a Green Revolution in Africa	AGRA	4,500,000	AGRA	AGRA	2020	to provide in-depth country seed systems assessments resulting in prioritized and costed recommendations for system level improvements and institutional modernization that increase the delivery and farmer use of improved varieties of seed
INV-006412	Alliance for a Green Revolution in Africa	AGRA	450,000	AGRA	AGRA	2020	to support the African Green Revolution Forum
OPP1099688	Africa Rice Center	CGIAR	50,000	CGIAR	CGIAR	2013	to facilitate exchange of information about the improvement of rice production, processing and marketing to support rice sector development in Africa to the benefit of rice farmers and rice consumers. The Congress provides an opportunity for rice scientists, development partners and rice value chain actors to meet and discuss.
OPP1080832	Africa Rice Center	CGIAR	7,500,000	CGIAR	CGIAR	2013	to reduce poverty and hunger and increasing food and income security of resource-poor farm families and rice consumers in sub-Saharan Africa through acceleration of the development of abiotic stress tolerant rice varieties by exploiting gen
INV-002852	Africa Rice Center	CGIAR	954,527	CGIAR	CGIAR	2019	to evaluate the effectiveness of the organization and identify potential improvements in strategy, management, and partnership that could enhance the rate of genetic gain delivered to smallholder farmers
OPP1213393	Africa Rice Center	CGIAR	4,999,975	CGIAR	CGIAR	2019	to integrate public rice breeding efforts in Africa into a modern, effective variety development system that develops higher-yielding, market-preferred, stress-tolerant varieties, and enables their delivery to African small-scale producers
OPP52331	Bioversity International	CGIAR	1,766,369	CGIAR	CGIAR	2008	to support the development of geospatial data and technology
OPP53227	Bioversity International	CGIAR	480,000	CGIAR	CGIAR	2009	to support a study of the nutritional contributions of traditional foods to the wellbeing of the rural poor in Africa
OPPGD1357	Bioversity International	CGIAR	2,851,515	CGIAR	CGIAR	2009	to measure and assess the impacts of the diffusion of improved crop varieties in Africa
OPP45783	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	5,800,000	CGIAR	CGIAR	2006	to decrease hunger and increase food and income security of resource-poor farm families in sub-Saharan Africa through development and dissemination of drought-tolerant maize varieties
OPP45783_01	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	33,301,753	CGIAR	CGIAR	2007	to decrease hunger and increase food and income security of resource-poor farm families in sub-Saharan Africa through development and dissemination of drought-tolerant maize varieties
OPP45290	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	9,650,262	CGIAR	CGIAR	2007	to contribute to the development of improved legume varieties in sub-Saharan Africa
OPPGD1017	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	22,011,377	CGIAR	CGIAR	2009	to develop improved varieties of maize for higher yields on the low-nitrogen soils prevalent in Africa
OPP53402	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	15,619,250	CGIAR	CGIAR	2009	to coordinate The Generation Challenge Program, a global effort to develop tools, databases and precision phenotyping facilities that will accelerate breeding gains for rice, maize, wheat, sorghum and cowpea via molecular marker integration
OPPGD1392	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	8,923,022	CGIAR	CGIAR	2010	to contribute to the development of improved legume varieties in sub-Saharan Africa and South Asia by advancing molecular breeding for traits of importance in both regions
OPPGD1390	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	33,796,487	CGIAR	CGIAR	2011	to develop and disseminate drought-tolerant maize varieties for small farmers in sub-Saharan Africa
OPP1065995	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	50,000	CGIAR	CGIAR	2012	for conference support
OPP1028335	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	5,987,053	CGIAR	CGIAR	2012	to decrease hunger and poverty by enhancing the capabilities of African breeding programs that deliver products to smallholders by establishing a nonprofit, African based, service provider that generates fixed lines for maize breeders (private and public) using rapid fixation technologies (single-seed-decent procedures and dihaploid technology)
OPP1052535	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	18,600,314	CGIAR	CGIAR	2012	to support outputs from interdisciplinary research on rice, wheat and maize cropping systems, which will be delivered through public-private partnerships using a hub model to reach 2,000,000 farmers and increase farm family incomes by \$350/year
OPP1088115	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	1,484,640	CGIAR	CGIAR	2013	to effectively manage the maize lethal necrosis (MLN) disease through accelerated development of elite germplasm with MLN resistance, thereby contributing to enhanced maize production, livelihoods, and food security of eastern African smallholder farmers who are dependent on maize
OPP1095990	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	49,910	CGIAR	CGIAR	2013	to support a conference on maintaining cereal productivity under climate change through international collaboration
OPP1113374	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	11,950,481	CGIAR	CGIAR	2014	to support international agricultural research institutions and national agricultural research and extensions programs, non-governmental organizations, and businesses working with smallholder maize-based farmers in Ethiopia, Nigerian and Ta
OPP1097279	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	12,000,000	CGIAR	CGIAR	2014	to increase the effectiveness and efficiency of plant breeding programs serving smallholder farmers in Sub-Saharan Africa and South Asia by providing them with state-of-the-art data management and decision support tools
OPP1130181	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	41,742	CGIAR	CGIAR	2015	to conduct the formative research necessary for rigorous evaluation of the nutritional and health impact of agronomic biofortification with zinc in Ethiopia and promote nutrition-sensitive policy formulation
OPP1134630	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	1,099,669	CGIAR	CGIAR	2015	to examine the interactions between gender norms, agency and innovation in agriculture and natural resource management in rural communities, drawing on the voices and perspectives of women and men of different ages and socio-economic groups
OPP1118996	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	3,500,000	CGIAR	CGIAR	2015	to provide more accurate estimates and a better understanding of adoption and turnover of improved seed by wheat and maize smallholder farmers in Ethiopia using DNA fingerprinting technology

OPP1133205	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	18,000,389	CGIAR	CGIAR	2015	to sustainably catalyze change through public and private sector intermediaries so that farmers have better knowledge of, and access to, science-informed best management practices that reduce risk, increase food security, and boost incomes
OPP1138693	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	2,363,998	CGIAR	CGIAR	2016	to effectively curb the spread and impact of the maize lethal necrosis (MLN) epidemic in sub-Saharan Africa which is threatening the food security and livelihoods of smallholder farmers and the economic viability of the maize-based seed ind
OPP1134248	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	36,578,251	CGIAR	CGIAR	2016	to improve productivity and increase food and income security of resource-poor farm families in sub-Saharan Africa (SSA) through development and dissemination of improved multiple stress tolerant and well-adapted maize varieties and hybrids
OPP1137722	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	6,399,927	CGIAR	CGIAR	2016	to improve the livelihoods of maize farming households through Ms44 SPT by delivering reduced seed production costs, improved seed quality and certified hybrid seed that utilizes inputs more efficiently to produce higher grain yield for res
OPP1177070	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	30,000,000	CGIAR	CGIAR	2017	to increase the rate of genetic gain delivered directly by CGIAR breeding programs and improve their ability to support the modernization of national systems
OPP1193833	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	3,500,000	CGIAR	CGIAR	2018	to develop maize lines tolerant to maize lethal necrosis (MLN) via gene editing, and to engage with partners to prepare and initiate a deployment plan to maximize access to the improved seed by smallholder farmers who have been negatively i
OPP1194099	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	2,499,631	CGIAR	CGIAR	2018	to establish a soil intelligence system in the Indian states of Andhra Pradesh, Odisha and Bihar to supply a wide range of decision makers (governments, industry, service providers, farmers) with business relevant soil, crop, and land infor
OPP1214135	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	1,271,381	CGIAR	CGIAR	2019	to provide a systematic, rapid, and cost effective geo-spatial assessment of attainable yield, yield constraints and management options for smallholder maize farmers in Ethiopia, Tanzania, and Nigeria
OPP1209816	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	4,998,160	CGIAR	CGIAR	2019	to improve nutritional outcomes, especially in women and children, by mainstreaming high grain zinc content as a breeding target for wheat, greatly increasing the rate of genetic gain for grain zinc content and grain yield
INV-002829	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	5,000,000	CGIAR	CGIAR	2020	to develop data driven and spatially explicit recommendations for the rehabilitation of acid soils in smallholder farming systems of East Africa
INV-018951	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	5,999,993	CGIAR	CGIAR	2020	to provide a novel hybrid maize seed production technology for Sub-Saharan Africa that both reduces the cost of seed and increases the yield of hybrids under the conditions of drought and low soil fertility faced by most African farmers.
INV-003439	Centro Internacional de Mejoramiento de Maiz y Trigo	CGIAR	45,900,000	CGIAR	CGIAR	2020	to accelerate the development and delivery of more productive, climate-resilient, market-demanded, and nutritious maize and wheat varieties in support of sustainable agricultural transformation in Sub-Saharan Africa and South Asia
OPP1009472	CGIAR System Organization	CGIAR	5,238,799	CGIAR	CGIAR	2012	to collect, organize and analyze data to provide evidence-based assessments of the impact of CGIAR research investments on productivity, poverty and food security
OPP1158978	CGIAR System Organization	CGIAR	50,000	CGIAR	CGIAR	2016	to strengthen the agricultural development research portfolio by providing expertise in allocating funding to more effective results
OPP1198397	CGIAR System Organization	CGIAR	300,000	CGIAR	CGIAR	2018	to identify how best to ensure gender integration throughout the CGIAR system
OPP1213348	CGIAR System Organization	CGIAR	9,905,878	CGIAR	CGIAR	2019	to support the implementation of organizational changes to position CGIAR, a major foundation partner, in providing leadership in agricultural research required to transform agriculture and respond to changing climate.
INV-004985	CGIAR System Organization	CGIAR	4,900,000	CGIAR	CGIAR	2020	To support a CGIAR Gender Research Platform that will catalyze targeted research on gender equality in agriculture and climate-resilient food systems
OPP1198810	International Center for Living Aquatic Resources Management	CGIAR	12,452,943	CGIAR	CGIAR	2018	to catalyze aquaculture value chains in Bangladesh, and explore the potential for aquaculture value chain development in Nigeria, to increase productivity, income, nutrition and women's economic empowerment
OPP49444	International Center for Tropical Agriculture	CGIAR	281,055	CGIAR	CGIAR	2007	to improve understanding and increase application of Integrated Soil Fertility Management in Africa through the development, publication and distribution of standard reference book
OPP51323	International Center for Tropical Agriculture	CGIAR	4,825,343	CGIAR	CGIAR	2008	to evaluate and scale up new chemical and biological commercial products for improving and sustaining crop yields
OPP51353	International Center for Tropical Agriculture	CGIAR	15,617,079	CGIAR	CGIAR	2008	to provide accurate, up-to-date information about soil resources, and their management to support sound decision and policymaking
OPP1006695	International Center for Tropical Agriculture	CGIAR	140,000	CGIAR	CGIAR	2010	to support a workshop reforming the Consultative Group on International Agricultural Research's Participatory Research and Gender Analysis Program, supportings gender-sensitive participatory research on agricultural issues focused on farmer needs
OPPGD1483	International Center for Tropical Agriculture	CGIAR	1,890,228	CGIAR	CGIAR	2010	to support efforts to accelerate breeding of cassava for greater productivity, disease resistance and other traits that will benefit smallholder farmers in the developing world
OPP1036370	International Center for Tropical Agriculture	CGIAR	725,048	CGIAR	CGIAR	2011	for general operating support
OPP1060136	International Center for Tropical Agriculture	CGIAR	100,000	CGIAR	CGIAR	2012	to develop protocols to produce synthetic seeds for propagation of disease-free true-type cassava plants.
OPP1067842	International Center for Tropical Agriculture	CGIAR	100,000	CGIAR	CGIAR	2012	to modify the autophagy pathway that plants use to sequester and degrade damaged proteins, to instead target and destroy proteins of pathogenic viruses.
OPP1091326	International Center for Tropical Agriculture	CGIAR	10,000	CGIAR	CGIAR	2013	to provide funding for a conference to bring together key leaders in the cassava field to coordinate a road map for dealing with cassava viruses in Africa
OPP1079312	International Center for Tropical Agriculture	CGIAR	2,841,865	CGIAR	CGIAR	2014	To improve the income and food security of cassava farmers and of other stakeholders by developing doubled haploid technology for the production of inbred lines that will be used by cassava breeders to increase rates of genetic gain for traits of importance along the value chain
OPP1107891	International Center for Tropical Agriculture	CGIAR	100,000	CGIAR	CGIAR	2014	to support agricultural development projects by involving all stakeholders including local farmers using a feedback approach built around cycles of five questions with an integrated web platform to enable general discussions.

OPP1115996	International Center for Tropical Agriculture	CGIAR	1,894,787	CGIAR	CGIAR	2014	to strengthen the Global Cassava Partnership (GCP), an international network of institutions and individuals interested in improving the productivity of cassava across the value chain from research through development to processing, and to
OPP1210840	International Center for Tropical Agriculture	CGIAR	1,108,739	CGIAR	CGIAR	2019	to generate strategic, spatially-explicit information on the nature and scale of climate-induced risks and smallholder vulnerabilities in sub-Saharan Africa and South Asia and to map the potential efficacy of prioritized adaptation options
INV-023186	International Center for Tropical Agriculture	CGIAR	250,000	CGIAR	CGIAR	2020	to supplement the CGIAR Big Data Platform Inspire Challenge track on Sustaining Farm Income to source and pilot new digital technology innovations in Smart Farming benefiting small scale producer entrepreneurs
OPP48014	International Crops Research Institute for the Semi-Arid Tropics	CGIAR	21,980,000	CGIAR	CGIAR	2007	to increase the production of tropical grain legume in sub-Saharan African and South Asia
OPP51674	International Crops Research Institute for the Semi-Arid Tropics	CGIAR	30,000	CGIAR	CGIAR	2008	to support a conference on agricultural water management in Africa
OPP50688	International Crops Research Institute for the Semi-Arid Tropics	CGIAR	250,012	CGIAR	CGIAR	2008	to support a scoping project of village level studies
OPP51880	International Crops Research Institute for the Semi-Arid Tropics	CGIAR	21,312,886	CGIAR	CGIAR	2009	to boost the incomes of small-holder farmers in moisture-deficient areas of Sub-Saharan Africa and South Asia by increasing their yields of sorghum, pearl millet, and finger millet
OPP51937	International Crops Research Institute for the Semi-Arid Tropics	CGIAR	9,950,000	CGIAR	CGIAR	2009	to increase the availability of longitudinal district-, household-, individual-, and field-level data
OPP1005131	International Crops Research Institute for the Semi-Arid Tropics	CGIAR	20,943,442	CGIAR	CGIAR	2011	to develop improved legume varieties in sub-Saharan Africa and South Asia
OPP1052922	International Crops Research Institute for the Semi-Arid Tropics	CGIAR	1,000,000	CGIAR	CGIAR	2013	to generate a reference genome sequence for pearl millet, which will contribute to the improved rate of genetic gain through development of improved varieties and hybrids in sub-Saharan Africa and South Asia
OPP1109539	International Crops Research Institute for the Semi-Arid Tropics	CGIAR	690,000	CGIAR	CGIAR	2014	to support genomic resource development, software tools and piloting of modern breeding approaches to adopt modern breeding technologies for our focus legume crops
OPP1129015	International Crops Research Institute for the Semi-Arid Tropics	CGIAR	12,343,996	CGIAR	CGIAR	2015	to bolster the productivity of sorghum, pearl and finger millet small holder farmers in six sub-Saharan Africa countries (Mali, Burkina Faso, Nigeria, Tanzania, Uganda and Ethiopia) by supporting development of new varieties and their deliv
OPP1114827	International Crops Research Institute for the Semi-Arid Tropics	CGIAR	25,026,495	CGIAR	CGIAR	2015	to bolster the productivity of groundnut, chickpea, cowpea and common bean small holder farmers in seven sub-Saharan Africa countries (Nigeria, Tanzania, Ethiopia, Ghana, Mali, Burkina Faso) by supporting development of resilient, market-pr
OPP1125603	International Crops Research Institute for the Semi-Arid Tropics	CGIAR	50,000	CGIAR	CGIAR	2015	to support a conference to help breeding programs develop practical plans for making high density and high throughput genotyping available to breeders serving smallholder farmers in Africa and South Asia
OPP1130244	International Crops Research Institute for the Semi-Arid Tropics	CGIAR	3,997,576	CGIAR	CGIAR	2015	to establish a low-cost and fast-turnaround genotyping facilities to CGIAR and partners for enhancing genetic gains in breeding programs serving smallholder farmers in Sub-Saharan Africa and South Asia, providing these programs with genotyp
OPP1198373	International Crops Research Institute for the Semi-Arid Tropics	CGIAR	33,574,935	CGIAR	CGIAR	2018	to modernize, restructure and capacitate the Africa-focused international dryland cereals and grain legume breeding and seed systems programs of ICRISAT, IITA and CIAT and their key national partners to more rapidly develop new climate resi
OPP27510	International Food Policy Research Institute	CGIAR	25,000,000	CGIAR	CGIAR	2003	to support the activities of the HarvestPlus Challenge Program to reduce micronutrient deficiencies in developing countries by breeding higher levels of essential micronutrients into staple crops
OPP41935	International Food Policy Research Institute	CGIAR	149,462	CGIAR	CGIAR	2006	to support a conference on the productivity and profitability of the crop-based production systems of the world's poor and undernourished
OPP42862	International Food Policy Research Institute	CGIAR	4,740,643	CGIAR	CGIAR	2006	to build state of the art model to assist in making agricultural technology development and adoption investment choices
OPP46944	International Food Policy Research Institute	CGIAR	200,000	CGIAR	CGIAR	2007	to support a conference on how best to reach the poverty and hunger Millennium Development Goals (MDG)
OPP48834	International Food Policy Research Institute	CGIAR	30,000	CGIAR	CGIAR	2007	to support the second conference of the African Association of Agricultural Economists
OPP27510_01	International Food Policy Research Institute	CGIAR	8,850,000	CGIAR	CGIAR	2007	to support the research and development of biofortified staple crops for developing countries
OPP51749	International Food Policy Research Institute	CGIAR	1,265,466	CGIAR	CGIAR	2008	to improve global food security by learning from successes in agricultural development
OPP50016	International Food Policy Research Institute	CGIAR	198,188	CGIAR	CGIAR	2008	to develop a plan for a Global Open Food and Agriculture University initiative
OPP27510_02	International Food Policy Research Institute	CGIAR	45,000,000	CGIAR	CGIAR	2008	to develop and deliver biofortified staple crops to reduce micronutrient deficiencies in developing countries
OPP50337	International Food Policy Research Institute	CGIAR	2,690,521	CGIAR	CGIAR	2008	to provide an internationally available database in agricultural research investments in developing countries
OPP1011284	International Food Policy Research Institute	CGIAR	356,057	CGIAR	CGIAR	2009	to co-fund a planning grant to establish a global, Africa-focused forum that provides leadership, innovation, and support for rural advisory services assisting smallholder farmers in realizing significant improvements in production and incomes
OPP51892	International Food Policy Research Institute	CGIAR	2,699,737	CGIAR	CGIAR	2009	to support a study of maize and groundnut value chains
OPP52727	International Food Policy Research Institute	CGIAR	4,781,447	CGIAR	CGIAR	2009	to provide a significantly improved platform for integrated modeling and scenario development
OPPGD1277	International Food Policy Research Institute	CGIAR	446,243	CGIAR	CGIAR	2009	to identify agricultural policy strategies for reducing malnutrition in South Asia
OPP1021528	International Food Policy Research Institute	CGIAR	300,000	CGIAR	CGIAR	2010	to provide conference support

OPP1011043	International Food Policy Research Institute	CGIAR	5,006,540	CGIAR	CGIAR	2010	to determine the knowledge and capacity needs of evidence and outcome based agricultural policy planning and implementation among African countries
OPPGD1450	International Food Policy Research Institute	CGIAR	8,522,236	CGIAR	CGIAR	2010	to develop a model that will assist in making agricultural technology development and adoption investment choices
OPP1011359	International Food Policy Research Institute	CGIAR	2,999,197	CGIAR	CGIAR	2010	to assess how well current donor and grant programs address gender inequalities in developing countries in order to improve women's control and ownership of productive assets
OPP1035486	International Food Policy Research Institute	CGIAR	5,050,698	CGIAR	CGIAR	2011	to contribute to the Ethiopian Agricultural Transformation Agency (ATA) by supporting ATA's program delivery which aims to accelerate Ethiopia's agricultural development, grow the economy, and improve the livelihood of smallholder farmers
OPPGD1451	International Food Policy Research Institute	CGIAR	4,039,017	CGIAR	CGIAR	2011	to support agricultural R&D investment research, agricultural capacity research, and advocacy for increased public investment in agricultural research
OPP1009468	International Food Policy Research Institute	CGIAR	5,172,678	CGIAR	CGIAR	2013	to expand and deepen the preeminent platform for economic and biophysical modeling of agricultural technology and policy driven food supply response to allow research to be better targeted to small farmers
OPP1019962	International Food Policy Research Institute	CGIAR	39,817,533	CGIAR	CGIAR	2013	to improve nutrition and public health by breeding and disseminating staple food crops that are rich in vitamins and minerals
OPP1113262	International Food Policy Research Institute	CGIAR	5,879,644	CGIAR	CGIAR	2014	to expand Agricultural Science and Technology Indicators (ASTI) activities in order to increase information on agricultural research and development investments through two consecutive survey rounds, conduct additional policy-relevant analysis
OPP1131119	International Food Policy Research Institute	CGIAR	6,814,302	CGIAR	CGIAR	2015	to support African governments' efforts to design and implement policies and regulations that facilitate and sustain smallholder farmer adoption of biotech crops to improve their food security, nutrition, and economic status
OPP1127531	International Food Policy Research Institute	CGIAR	114,633	CGIAR	CGIAR	2015	to share data and knowledge that provides key information on the characteristics of farmers in Nigeria and India including key crops, livestock, input use, market access, livelihood strategies and location
OPP1125297	International Food Policy Research Institute	CGIAR	7,300,000	CGIAR	CGIAR	2015	to validate and measure women's empowerment so that agricultural development projects can design appropriate strategies to diagnosis, design, and measure progress toward women's empowerment
OPP1130173	International Food Policy Research Institute	CGIAR	1,447,507	CGIAR	CGIAR	2015	to address the issue of undernutrition among women and children in rural Bangladesh using a three-pronged approach that will: (1) increase the availability of, and access to a more diverse diet, either directly via increasing production div
OPP1132181	International Food Policy Research Institute	CGIAR	3,799,946	CGIAR	CGIAR	2015	to better understand the impact and pathways of self-help groups (SHGs) on women's and children's nutrition in India
OPP1125497	International Food Policy Research Institute	CGIAR	400,000	CGIAR	CGIAR	2015	to provide short-term support on nutrition monitoring and evaluation
OPP1160767	International Food Policy Research Institute	CGIAR	2,788,195	CGIAR	CGIAR	2016	to strengthen capacity for national and regional evidence-based planning, implementation, monitoring, and mutual accountability to achieve the CAADP goals of ending hunger and halving poverty through inclusive agricultural transformation
OPP1162182	International Food Policy Research Institute	CGIAR	2,548,516	CGIAR	CGIAR	2016	to assess the impact of the fourth phase of Ethiopia's Productive Safety Net Programme (PSNP) on the nutritional status of women and pre-school children
OPP1176834	International Food Policy Research Institute	CGIAR	6,100,000	CGIAR	CGIAR	2017	to develop, test and introduce new varieties of biofortified wheat, rice, and lentils with ever-increasing levels of micronutrient content, and to scale up their production and consumption through existing seed and food systems to help addr
OPP1194711	International Food Policy Research Institute	CGIAR	100,000	CGIAR	CGIAR	2018	to promote agricultural modernization and rural development in Africa
OPP1215350	International Food Policy Research Institute	CGIAR	500,000	CGIAR	CGIAR	2019	to generate an updated estimate of the cost of adapting agriculture to climate change
OPP1213400	International Food Policy Research Institute	CGIAR	491,775	CGIAR	CGIAR	2019	to provide ex-ante modeling and other data analysis to inform the identification of policies and public investments for driving inclusive agricultural transformation in two countries
OPP1197415	International Food Policy Research Institute	CGIAR	12,575,487	CGIAR	CGIAR	2019	to promote the development, dissemination, and uptake of new staple crop varieties containing enhanced levels of iron, pro-vitamin A, and zinc as a complementary strategy to address micro-nutrient malnutrition in Africa and South Asia
INV-002872	International Food Policy Research Institute	CGIAR	649,662	CGIAR	CGIAR	2020	to test and validate AgDev's hypotheses and metrics with respect to its Inclusive Agricultural Transformation (IAT) strategy, while gaining new insights into household and economy-wide IAT impacts.
INV-018221	International Food Policy Research Institute	CGIAR	2,400,471	CGIAR	CGIAR	2020	to provide ex-ante modeling and other data analysis to inform the identification of policies and public investments for addressing covid-19 related impacts on inclusive agricultural transformation
INV-005848	International Food Policy Research Institute	CGIAR	1,496,291	CGIAR	CGIAR	2020	to shape and support South Asia component of the ReSAKSS regional platform
OPP50080	International Institute of Tropical Agriculture	CGIAR	74,871	CGIAR	CGIAR	2008	to support research and strategy focused conference on the banana as a staple food and export crop
OPPGD1016	International Institute of Tropical Agriculture	CGIAR	4,638,753	CGIAR	CGIAR	2009	to study breeding for Cassava Brown Streak and Mosaic Disease tolerance in Tanzania and Uganda
OPP1007216	International Institute of Tropical Agriculture	CGIAR	259,787	CGIAR	CGIAR	2009	to support yam research and development in West Africa
OPP1007117	International Institute of Tropical Agriculture	CGIAR	1,319,661	CGIAR	CGIAR	2011	to develop and commercialize aflatoxin management tools to improve public health, increase trade, augment smallholder income, and enhance food security in Nigeria and Kenya
OPP1006185	International Institute of Tropical Agriculture	CGIAR	6,759,003	CGIAR	CGIAR	2011	to develop and implement a robust Striga threat reduction strategy that identifies and promotes scientifically proven technologies for smallholder farmers in Kenya and Nigeria

OPP1003516	International Institute of Tropical Agriculture	CGIAR	13,497,699	CGIAR	CGIAR	2011	to double the productivity of yams in the major producing countries of Ghana and Nigeria and thereby stimulate sustainable increase in incomes for smallholder yam producers and contribute to their food security and economic development
OPP1022738	International Institute of Tropical Agriculture	CGIAR	6,221,526	CGIAR	CGIAR	2012	to improve cassava productivity, sustainability, and food security in Eastern and Southern African regions by deploying virus-free cassava varieties with dual resistance to cassava mosaic disease and cassava brown streak disease
OPPGD1398	International Institute of Tropical Agriculture	CGIAR	7,032,267	CGIAR	CGIAR	2012	to improve the crop yields of smallholder farmers in sub-Saharan African countries through quality assessment, institutionalizing processes for testing and regulatory procedures and dissemination of effective agricultural commercial products
OPP1082793	International Institute of Tropical Agriculture	CGIAR	703,941	CGIAR	CGIAR	2013	to develop a system for future improvements to yam varieties
OPP1079000	International Institute of Tropical Agriculture	CGIAR	7,656,326	CGIAR	CGIAR	2013	to develop and assess " with smallholder farmer participation " modern, relevant and appropriate cassava weed management technologies suitable for sustainable intensification in major agro-ecological and socio-economic conditions of Nigeria
OPP1079038	International Institute of Tropical Agriculture	CGIAR	2,695,383	CGIAR	CGIAR	2013	to develop varieties of enset banana that are resistant to bacterial wilt to protect a critical food security crop in Ethiopia
OPP1082097	International Institute of Tropical Agriculture	CGIAR	50,000	CGIAR	CGIAR	2013	to support a conference to discuss the set-up, funding and management of a cassava germplasm bank for East Africa applying a more farmer-centric approach
OPP1091256	International Institute of Tropical Agriculture	CGIAR	29,848	CGIAR	CGIAR	2013	to host a conference to discuss strategies for banana and plantain improvement
OPP1052998	International Institute of Tropical Agriculture	CGIAR	13,500,000	CGIAR	CGIAR	2014	to enhance food security and improved livelihoods by increasing productivity and sustainability of yam cultivation through more productive and consumer-preferred varieties, reducing the costs for smallholder producers and consumers in West
OPP1093845	International Institute of Tropical Agriculture	CGIAR	13,873,600	CGIAR	CGIAR	2014	to enhance regional food security and livelihoods significantly and sustainably through an efficient East African highland banana breeding pipeline that produces high yielding and more nutritious cooking banana cultivars acceptable to consu
OPP1127303	International Institute of Tropical Agriculture	CGIAR	896,520	CGIAR	CGIAR	2015	to estimate the rates of adoption of improved cassava cultivars in Nigeria to help understand the drivers of adoption
OPP1128339	International Institute of Tropical Agriculture	CGIAR	2,000,000	CGIAR	CGIAR	2015	to increase the output of improved pest and disease resistant cowpea varieties to better serve the nutritional and economic wellbeing of smallholder farmers in Sub-Saharan Africa
OPP1130649	International Institute of Tropical Agriculture	CGIAR	16,394,457	CGIAR	CGIAR	2015	to undertake agronomic research linked to the priorities of dissemination partners such as national extension services, NGOs, input suppliers, and processors in Nigeria, Ghana, Tanzania, and Uganda to identify improved crop management pract
OPP1133356	International Institute of Tropical Agriculture	CGIAR	10,000,000	CGIAR	CGIAR	2015	to reduce aflatoxin prevalence on groundnuts and maize grown by smallholder farmers in eleven countries in Africa through facilitating the manufacture and distribution of a breakthrough biocontrol product, aflasafe
OPP1159088	International Institute of Tropical Agriculture	CGIAR	11,980,812	CGIAR	CGIAR	2016	to develop and test new private-sector yam seed production and distribution models that will increase the rate of multiplication of early generation seed to accelerate the introduction of new varieties of yam to farmers
OPP1179223	International Institute of Tropical Agriculture	CGIAR	1,138,940	CGIAR	CGIAR	2017	to assist in transforming African agriculture towards increasing the continent's capacity for greater self-sufficiency in food production, thus improving the lives of millions of rural households
OPP1214745	International Institute of Tropical Agriculture	CGIAR	11,124,000	CGIAR	CGIAR	2019	to develop an effective banana breeding system capable of delivering rapid genetic gains in yield, pest and disease resistance, and eating quality for East and Central African farmers
INV-002868	International Institute of Tropical Agriculture	CGIAR	357,847	CGIAR	CGIAR	2019	to scope out a possible innovation platform for agronomy R&D across relevant international agricultural research centers in response to renewed demand for scaling agronomic innovations as a pathway for rural development
INV-002934	International Institute of Tropical Agriculture	CGIAR	6,047,859	CGIAR	CGIAR	2019	to support implementation and greater impact of agricultural development programs in the Africa region through enhanced aid effectiveness
INV-023484	International Institute of Tropical Agriculture	CGIAR	2,999,193	CGIAR	CGIAR	2020	to advance and sustain AKILIMO, a new agronomy platform with content and decision tools for increased productivity and income of cassava growers in Africa and to expand the approach to other crops
INV-002840	International Institute of Tropical Agriculture	CGIAR	1,200,000	CGIAR	CGIAR	2020	to build a more effective plant breeding system that develops superior cultivars for critical African crops (cassava, yam, banana, cowpea, maize and soybean) through a partnership with a leading private-sector seed company.
INV-004511	International Institute of Tropical Agriculture	CGIAR	14,325,899	CGIAR	CGIAR	2020	to develop economically sustainable seed systems for cassava farmers in Africa to improve their reliable access to high quality planting materials of improved cassava cultivars to enhance and protect their harvests
INV-003446	International Institute of Tropical Agriculture	CGIAR	4,898,502	CGIAR	CGIAR	2020	to modernize and accelerate breeding of African yams for increasing stable yield, pest and disease resistance, and preferred food quality.
INV-005431	International Institute of Tropical Agriculture	CGIAR	4,995,547	CGIAR	CGIAR	2020	to build an international agronomy research alliance towards improving the productivity and profitability of crops, increasing climate resilience, and rehabilitating soil health for sustainable intensification in the Global South
OPP1026253	International Livestock Research Institute	CGIAR	75,000	CGIAR	CGIAR	2010	to support the development of a business plan for the Biosciences eastern and central Africa initiative at the International Livestock Research Institute
OPP1004999	International Livestock Research Institute	CGIAR	2,034,600	CGIAR	CGIAR	2011	to provide core support for the Biosciences eastern and central Africa initiative at the International Livestock Research Initiative
OPP1078791	International Livestock Research Institute	CGIAR	10,999,924	CGIAR	CGIAR	2013	to improve vaccines for the control of East Coast fever in cattle in Africa
OPP1082597	International Livestock Research Institute	CGIAR	1,438,727	CGIAR	CGIAR	2013	to prepare for and support a Program for Emerging Agricultural Research Leaders (PEARL) in sub-Saharan Africa
OPP1057798	International Livestock Research Institute	CGIAR	300,001	CGIAR	CGIAR	2013	to understand the molecular and genetic basis of maize x sorghum hybrids and set precedence for systematic crosses between maize and sorghum using a wider range of germplasm

OPP1093174	International Livestock Research Institute	CGIAR	9,749,999	CGIAR	CGIAR	2014	to provide DNA marker technologies (and related support services) that have already revolutionized plant breeding in temperate commercial agriculture to plant breeders serving African farmers, with the goal of enhancing the rate of genetic
OPP1075938	International Livestock Research Institute	CGIAR	8,350,001	CGIAR	CGIAR	2014	to support African national agricultural research scientists in driving and leading strategy and implementation of research for development projects, leading to sustainable productivity increases for smallholder farmers across Africa
OPP1112198	International Livestock Research Institute	CGIAR	10,999,996	CGIAR	CGIAR	2014	to catalyze a farmer-centric, public-private partnership model for chicken breeding and delivery, with the goal of increasing productivity, reducing poverty, increasing household animal protein intake, and empowering women farmers in rural
OPP1136244	International Livestock Research Institute	CGIAR	34,686	CGIAR	CGIAR	2015	to advance the role of livestock on the global development agenda with the objective of informing financial commitments to the sector, and ultimately engaging in in-country advocacy on livestock issues in a few priority countries in sub-Saharan Africa and South Asia
OPP1130995	International Livestock Research Institute	CGIAR	9,130,404	CGIAR	CGIAR	2015	to support a public-private partnership to establish national systems for dairy cattle genetic and productivity gain in Ethiopia and Tanzania
OPP1138560	International Livestock Research Institute	CGIAR	1,440,085	CGIAR	CGIAR	2015	to support the creation of a Livestock Master Plan for Tanzania, which will help the country meet its development objectives including improved nutrition through the consumption of meat, milk and eggs
OPP1153150	International Livestock Research Institute	CGIAR	1,086,562	CGIAR	CGIAR	2016	to increase understanding of and resources for safe, equitable, economically and environmentally sustainable livestock development and its role in addressing a range of development goals
OPP1139760	International Livestock Research Institute	CGIAR	587,986	CGIAR	CGIAR	2016	to develop a cheaper, safer means of protecting cattle in eastern Africa against East Coast fever, which threatens 49 million cattle in eastern Africa, mostly owned by poor small holder farmers and pastoralists
OPP1184413	International Livestock Research Institute	CGIAR	714,236	CGIAR	CGIAR	2017	to support the development of a 5-year Livestock Master Plan for Bihar in partnership with the State government to achieve improved productivity of the livestock sector, smallholder farmer incomes and nutrition outcomes
OPP1215760	International Livestock Research Institute	CGIAR	16,983,368	CGIAR	CGIAR	2019	to build partnerships in animal health and dairy genetic gains, strengthen countries' implementation of gender-intentional Livestock Master Plans, and advocate for investment in livestock development globally
OPP1213329	International Livestock Research Institute	CGIAR	1,000,000	CGIAR	CGIAR	2019	to support ILRI in planning for the implementation of strategic, organizational, and operational changes that will strengthen its contribution to the inclusive, sustainable transformation of animal food systems
OPP50516	International Potato Center	CGIAR	600,000	CGIAR	CGIAR	2008	to support sweetpotato improvement in Sub-Saharan Africa
OPP53344	International Potato Center	CGIAR	22,550,000	CGIAR	CGIAR	2009	to produce high-yielding, stress-tolerant varieties of sweet potato to help farming families in Sub-Saharan Africa improve their productivity, incomes, and nutrition
OPP1004965	International Potato Center	CGIAR	6,799,991	CGIAR	CGIAR	2011	to advocate for the increased production and utilization of orange-fleshed sweet potato to combat Vitamin A deficiency in sub-Saharan Africa
OPP1068494	International Potato Center	CGIAR	100,000	CGIAR	CGIAR	2012	to identify key genes in African sweetpotato weevils that can be used as targets for RNA interference strategies.
OPP1060158	International Potato Center	CGIAR	100,000	CGIAR	CGIAR	2012	to introduce compounds into in-vitro growth media used to propagate cloned food crops in an effort to eliminate plant viruses.
OPP1070785	International Potato Center	CGIAR	1,478,756	CGIAR	CGIAR	2013	to provide local institutions and development practitioners with a low-cost and effective Agricultural Remote Sensing Information System (ARSIS) for gathering data on cropping areas and other data services related to smallholder agriculture
OPP1081538	International Potato Center	CGIAR	3,936,416	CGIAR	CGIAR	2014	to build sustainable seed systems and increase nutritional and economic value capture for orange-fleshed sweet potato (OFSP) farmers, particularly women, in the West African countries of Ghana, Nigeria, and Burkina Faso. It will test and evaluate different approaches to integrating OFSP into diversified markets as a pathway to ensure the successful, accelerated introduction of a highly nutritious product that combats vitamin A deficiency into the food economy. Additionally, a public health component will enable ante-natal care practitioners to provide nutritional information and access to OFSP planting material to pregnant mothers, ensuring supply of a cheap source of vitamin A to mothers and their infants.
OPP1019987	International Potato Center	CGIAR	21,643,707	CGIAR	CGIAR	2014	to produce high-yielding and disease-resistant varieties of sweet potato as well as tools for improved seed systems for farming families in Sub-Saharan Africa
OPP1130642	International Potato Center	CGIAR	11,611,993	CGIAR	CGIAR	2015	to develop a cassava seed system in Nigeria that can sustainably supply high quality planting materials to small-holder farmers who rely on this root crop for food security and income
OPP1137764	International Potato Center	CGIAR	4,981,960	CGIAR	CGIAR	2015	to help reduce under-nutrition amongst populations vulnerable to micronutrient deficiency by providing new knowledge and capacities for increasing their access to biofortified crops
OPP1130216	International Potato Center	CGIAR	2,385,906	CGIAR	CGIAR	2016	to increase availability of disease-free sweetpotato, yam, and cassava germplasm for breeding and seed systems through faster elimination of viruses and subsequent determination of their infection status, increasing productivity gains, food
OPP1212264	International Potato Center	CGIAR	15,000,000	CGIAR	CGIAR	2019	to develop an effective sweet potato breeding system and a functional early seed generation system, in select African countries, capable of delivering rapid genetic gains for farmers with added benefits for both rural and urban households
OPP49207	International Rice Research Institute	CGIAR	19,896,653	CGIAR	CGIAR	2007	to reduce poverty and hunger and increase food and income security of resource-poor farm families and rice consumers in South Asia and sub-Saharan Africa through the development and dissemination of rice varieties tolerant of abiotic stresses
OPP51586	International Rice Research Institute	CGIAR	11,017,675	CGIAR	CGIAR	2008	to increase yield by increase the photosynthetic efficiency of rice
OPP52303	International Rice Research Institute	CGIAR	22,128,658	CGIAR	CGIAR	2008	to decrease hunger and poverty in South Asia by increasing rice, wheat and maize production

OPP1001841	International Rice Research Institute	CGIAR	96,869	CGIAR	CGIAR	2009	to support the Conference in Beijing, China in connection with the IAAE conference
OPP1007728	International Rice Research Institute	CGIAR	600,000	CGIAR	CGIAR	2010	to monitor the diffusion of improved crop varieties in rainfed areas of South Asia
OPPGD1383	International Rice Research Institute	CGIAR	10,287,784	CGIAR	CGIAR	2010	to address the problem of Vitamin A deficiency among millions of people in the Philippines and Bangladesh
OPPGD1395	International Rice Research Institute	CGIAR	20,000,000	CGIAR	CGIAR	2011	to develop and disseminate stress-tolerant rice varieties for smallholder farmers in Africa and South Asia.
OPPGD1394	International Rice Research Institute	CGIAR	8,375,747	CGIAR	CGIAR	2012	to increase yield by increasing the photosynthetic efficiency of rice
OPP1076488	International Rice Research Institute	CGIAR	12,500,000	CGIAR	CGIAR	2013	to significantly increase the efficiency and genetic gain in irrigated rice breeding programs by using modern breeding tools and approaches to increase food and income security of resource-poor farmers, and to ensure rice food security in Asia and Africa
OPP1098551	International Rice Research Institute	CGIAR	690,327	CGIAR	CGIAR	2013	to conduct pilot survey to monitor varietal adoption and rice production in South Asia
OPP1088843	International Rice Research Institute	CGIAR	32,770,000	CGIAR	CGIAR	2014	to reduce poverty and hunger and increase food and income security for farm families and rice consumers in South Asia and sub-Saharan Africa through the development and dissemination of high-yielding rice varieties tolerant of abiotic stresses
OPP1118610	International Rice Research Institute	CGIAR	3,359,914	CGIAR	CGIAR	2014	to increase rice productivity in South Asia and improve agricultural policies
OPP1161211	International Rice Research Institute	CGIAR	880,000	CGIAR	CGIAR	2016	to help Indian and Bangladeshi rice breeding programs deliver higher rates of genetic gains in the farmers' fields by improving product design, shorten breeding cycles, increase selection pressure, and improve heritability
OPP1173178	International Rice Research Institute	CGIAR	18,000,000	CGIAR	CGIAR	2017	to develop and deploy healthier rice varieties genetically engineered to improve the nutritional and health status of the poor in Asia, particularly in Bangladesh and the Philippines
OPP1194925	International Rice Research Institute	CGIAR	34,990,000	CGIAR	CGIAR	2018	to unify existing rice breeding efforts targeting South Asia and Sub-Saharan Africa into a system capable of sustainably delivering genetic gain in farmers' fields
OPP1211156	International Rice Research Institute	CGIAR	1,651,962	CGIAR	CGIAR	2019	to evaluate the effectiveness of the organization and identify potential improvements in strategy, management, and partnership that could enhance the rate of genetic gain delivered to smallholder farmers
OPP50887	International Water Management Institute	CGIAR	9,012,826	CGIAR	CGIAR	2008	to create and disseminate a portfolio of promising technologies/interventions that can be deployed in support of agrarian poverty reduction for smallholders
OPP47976	World Agroforestry Centre	CGIAR	15,000	CGIAR	CGIAR	2007	to support a two-day workshop to plan a 2008 international conference on improved strategies for soil fertility and soil-system management in developing nations
OPP49209	World Agroforestry Centre	CGIAR	13,566,219	CGIAR	CGIAR	2007	to build an effective and transferable career development program for women in agricultural research and development in sub-Saharan Africa
OPP1052433	World Agroforestry Centre	CGIAR	14,317,317	CGIAR	CGIAR	2012	to accelerate African gender-responsive agricultural development by strengthening the scientific and leadership skills of women agricultural researchers in sub-Saharan Africa
OPP1119525	World Agroforestry Centre	CGIAR	100,000	CGIAR	CGIAR	2014	to increase food security by using television programs to teach innovative agricultural practices to dairy farmers in Kenya, and promoting the use of mobile phones to gather feedback and measure performance
OPP1160792	World Agroforestry Centre	CGIAR	4,500,000	CGIAR	CGIAR	2016	to enhance gender responsiveness across African agricultural research and development by strengthening the ability of research institutions and scientists to conduct more inclusive, better targeted, and better designed research
INV-004986	Acceligen, Inc.	Corporate	3,686,514	United States	North America	2020	to provide small scale dairy producers in sub-Saharan Africa access to highly-productive and well-adapted cows to increase their income
OPP1064718	Action for Enterprise	Corporate	249,435	United States	North America	2012	to build the capacity of seed trade associations in Tanzania and Nigeria
OPP1132892	Acumen Fund, Inc.	Corporate	2,017,636	United States	North America	2015	to unlock the latent potential of Ethiopia's poultry market as a means to improve the wellbeing of smallholder farmers
OPP1182419	Acumen Fund, Inc.	Corporate	2,585,697	United States	North America	2017	to help poultry enterprises improve the nutritional and positive gender impacts on smallholder farming households; to better understand the impact of foreign breeds of chickens on smallholder farming households and poultry consumers in Nigeria
OPP1002430	AfricaBio	Corporate	270,170	South Africa	Africa	2009	to identify the most effective means of raising public awareness of biotechnology issues in sub-Saharan Africa
INV-002851	African Seed Trade Association (AFSTA)	Corporate	223,684	Kenya	Africa	2020	to partner with seed companies and their national associations to co-design, test, and make recommendations for promotion campaigns that increase farmers awareness of the benefits of replacing their older varieties of crops with newer seed
OPP1156390	Aga Khan Foundation	Corporate	4,604,839	Switzerland	Europe	2016	to pilot agronomic and farming systems approaches in Bihar to reduce losses and increase the production of pulses, enhancing nutrition and income security for the poor
OPP1151824	AgBiome, Inc.	Corporate	6,527,791	United States	North America	2016	to identify and validate biological fungicides to control one or more of three major crop diseases important in Sub-Saharan Africa including sorghum anthracnose, black Sigatoka in banana, and aflatoxin contamination in maize
OPP1177633	AgBiome, Inc.	Corporate	6,726,680	United States	North America	2018	to discover an efficacious biological nematicide for the control of Meloidogyne incognita infection of yam in West Africa
CR45407	AgBiome, Inc.	Corporate	5,390,737	United States	North America	2019	to validate activity and initiate early product development of beneficial microbes for deployment to smallholder and pre-commercial farmers in sub-Saharan African nations to control sweet potato weevils, a major pest of sweet potatoes
OPP1196499	Agri Experience Limited	Corporate	5,000,000	Kenya	Africa	2018	to increase the efficiency, coordination, and performance of key public institutions in Tanzania to enable a private sector-oriented model, that delivers high quality seed, and new varieties to farmers
INV-002860	Agri Reseaux International	Corporate	879,996	France	Europe	2019	to document and profile livestock agribusinesses in Africa to increase the flow of investment capital for scaling the delivery of quality inputs and services to rural small-scale producers
OPP1096819	Akeso, LLC	Corporate	100,000	United States	North America	2013	to improve labor productivity of women smallholder farmers by testing the efficacy of treating hookworm infections that lead to the development of anemia, which is associated with reduced aerobic work capacity.

OPP1068460	aPEEL Technology, Inc.	Corporate	99,995	United States	North America	2012	to develop a natural molecular camouflage to create a barrier that renders the foodsâ€™ natural surfaces unrecognizable to bacteria, fungi, and insects.
OPP1130141	aPEEL Technology, Inc.	Corporate	985,161	United States	North America	2015	to extend the shelf-life of crops without refrigeration and protect them from being eaten by pests by developing a molecular camouflage that uses cutin from plant extracts to create an edible, ultrathin barrier on the crop surfaces
INV-004672	Archipel&Co	Corporate	1,357,076	United Kingdom	Europe	2020	to enable building platforms to collect and analyze animal health market data in Ethiopia and Kenya leading to better informed and more impactful investment decisions and getting closer to inclusive livestock transformation
OPP1068471	Asilomar Bio	Corporate	96,478	United States	North America	2012	to induce early germination of the parasitic plant witchweed in the absence of a host, resulting in its rapid death
OPP1111976	Asilomar Bio	Corporate	663,600	United States	North America	2014	to improve the productivity of smallholder farms in Sub-Saharan Africa by developing a cost-effective tool for controlling the parasitic plant Striga through the field application of a low-cost synthetic strigolactone before planting to induce germination and death of the Striga parasite in the absence of a host
OPP1125909	Babban Gona Farmer Services Limited	Corporate	4,000,000	Nigeria	Africa	2015	to demonstrate the sustainability of an innovative social enterprise to enable smallholder farmers to increase their incomes and improve their livelihoods and to publicly disseminate the lessons learned from such project
INV-005494	BK TechHouse Limited	Corporate	2,498,432	Rwanda	Africa	2020	to facilitate adoption and scaling of an integrated and digitally-enabled farmer services platform through mutually beneficial public-private sector-partnerships in Rwanda
OPP1177529	Boragen	Corporate	5,298,455	United States	North America	2018	to carry out R&D activities that will lead to the eventual development of low cost novel fungicides with low toxicity and broad antifungal spectrum to assist Sub-Saharan African small-holder farmers to treat their major crop fungal diseases
OPP1134139	CEVA	Corporate	6,630,001	France	Europe	2015	to improve the lives of smallholder and poor village farmers by improving the health and productive capacity of poultry and cattle, species with significant economic importance to poor livestock keepers in developing countries
OPP1093521	Cibus US LLC	Corporate	2,574,720	United States	North America	2013	to develop cassava varieties for Nigerian farmers that are compatible with a modern and appropriate integrated weed management system
OPP1155997	ClinGlobal	Corporate	1,916,752	Mauritius	Africa	2016	to evaluate the effectiveness of different products against ecto- and endo-parasite species with the highest prevalence and economic impact on livestock (small and large ruminants) of small-scale rural farmers in three East African and three
OPP1176956	ClinGlobal	Corporate	1,580,300	Mauritius	Africa	2017	to develop a vaccine against tick infestation, that will greatly enhance productivity of small-scale rural farming in Africa
OPP1213344	ClinGlobal	Corporate	1,636,344	Mauritius	Africa	2019	to confirm if an ectoparasiticide is suitable for the African livestock market
OPP1215021	ClinGlobal	Corporate	3,783,100	Mauritius	Africa	2019	to develop improved methods for monitoring acaricidal resistance and confirm if an ectoparasiticide is suitable for the African livestock market
INV-005869	ClinGlobal	Corporate	7,090,425	Mauritius	Africa	2020	to develop novel Livestock ectoparasiticides for Africa
OPP1125367	ClinVet International Ltd.	Corporate	963,457	South Africa	Africa	2015	to identify and collect the ectoparasites and endoparasites with the highest prevalence and economic impact on livestock of small-scale rural farmers in selected areas of three Eastern African and three Western African countries
OPP1160582	CureVac AG	Corporate	898,637	Germany	Europe	2016	to test several messenger RNA vaccine candidates for picornaviruses with the goal to identify a safe and stable next generation vaccine for diseases with a disproportionate negative impact on smallholder farmers and their families
OPP1136194	D-Implement Inc.	Corporate	5,999,462	United States	North America	2015	to strengthen dynamic problem solving and management skills for use in stimulating positive change in Tanzaniaâ€™s capacity to deliver services and products to the farmer
INV-005770	Edge Animal Health, Inc.	Corporate	4,850,000	United States	North America	2020	to develop improved livestock vaccines utilizing CRISPR Cas.
OPP1155733	Elanco US, Incorporated	Corporate	3,126,451	United States	North America	2016	to provide dairy and poultry smallholder farmers in East Africa (Kenya, Uganda, and Tanzania) with both knowledge transfer and consistent access to reliable, high quality animal health products at an affordable price
OPP1097693	Ergo-Tech, Incorporated	Corporate	100,000	United States	North America	2013	to improve irrigation methods for women smallholder farmers in Africa by building and testing an irrigation system from cheap, well built and widely available automobile parts, for which their are locally available expertise for repair.
OPP1129234	EthioChicken	Corporate	7,860,123	Mauritius	Africa	2015	to enable smallholder farmers in Ethiopia to benefit from improved egg and market weight poultry production through the expansion of superior poultry stock hatching, brooding, and dissemination capabilities
OPP1059983	Evolutionary Genomics	Corporate	100,000	United States	North America	2012	to screen for genes that confer resistance to Ug99 stem rust to introduce into cultivated regional African wheat varieties to increase crop yields.
OPP1052676	Exosect	Corporate	1,093,143	United Kingdom	Europe	2012	to bring to market safe, sustainable, and easy to apply insect control products for the protection of stored maize and other staple grains in Sub-Saharan Africa, with an overall goal of reducing hunger and poverty in Ghana and Tanzania
OPP1058410	Functional Circulation, LLC	Corporate	99,966	United States	North America	2012	to augment bowls used by women to transport cassava roots to market by incorporating pest controlling elements
OPP1087014	Global Cycle Solution	Corporate	100,000	Tanzania, United Republic of	Africa	2013	To decrease labor and costs associated with threshing a variety of crops for women smallholder farmers by evaluating an affordable, portable hand-powered multi-crop thresher and exploring local manufacturability and dissemination strategies.
OPP1160905	Global Poverty Project, Inc.	Corporate	10,178,578	United States	North America	2017	to cultivate political will and citizen engagement to drive public policy and build the political, parliamentary and congressional champions needed to achieve global health and development priorities
OPPGD1305	GSMA Mobile for Development Foundation Inc.	Corporate	2,894,553	United States	North America	2009	to support the development of effective, sustainable, and replicable Farmer Helpline initiatives in East Africa and South Asia
OPP1190193	Hendrix Genetics	Corporate	8,973,857	Canada	North America	2018	to support increased poultry production and productivity by African farmers by securing access to and supply of parent stock to companies in Africa, and to set up a long-term genomic selection program to build on the superior genetic potent

OPP1156907	Hester Biosciences Kenya Limited	Corporate	1,108,800	Kenya	Africa	2016	to reduce smallholder farmers' livestock mortality while improving productivity gains and income through the establishment of an accessible distribution model of affordable high quality epidemiologically relevant animal health products for the control of livestock diseases
INV-002837	IDS Georadar North America	Corporate	3,977,876	United States	North America	2019	to develop and validate a ground penetrating radar platform capable of pre-harvest assessment of cassava root yield and associated root traits to enhance breeding for better varieties for smallholder farmers of Sub-Saharan Africa
OPP1119737	Ipsos Mori UK Limited	Corporate	1,187,089	United Kingdom	Europe	2015	to support the creation of a sustainable data source on the spending behaviors and food consumption of target populations, focused especially on those living on \$2 U.S. dollars or less per day, and with specific attention to girls and women, in Nigeria, Ethiopia and Uttar Pradesh, India, through a public private partnership model, to inform strategic and tactical decision making by its partners for improving food consumption in these under-represented populations
OPP1068549	ISCA Technologies, Inc.	Corporate	100,000	United States	North America	2012	to build ultra-cheap laser bug sensors that accurately count and identify flying insect pests from a distance.
OPP1106745	ISCA Technologies, Inc.	Corporate	100,000	United States	North America	2014	to reduce the incidence of insect-transmitted human diseases such as malaria by developing a human pheromone spray to lure the insects to animals, which are disease-resistant and can be used to destroy the insects and associated parasites.
OPP1199594	Livestock Improvement Corporation	Corporate	2,925,304	New Zealand	Oceania	2018	To support the development of a national fit-for-purpose livestock information and analytic system framework
OPP1153248	Logimac	Corporate	1,200,000	Tanzania, United Republic of	Africa	2016	to provide technical and advisory support to the Ministry of Industry, Trade and Investments and the Ministry of Agriculture, Livestock, and Fisheries including contributing to a white paper focused on reducing poverty by improving participation of small business and smallholder farmers in income generating activities
OPP1060044	Lotus Innovative Sciences Inc.	Corporate	100,000	United States	North America	2012	to develop the white powdery wax from winter melon into a safe and effective preservative against various biotic stresses for fruits and grains.
OPP1197568	Miraka Holdings Limited	Corporate	500,000	New Zealand	Oceania	2018	to establish a processor-led model of smallholder farmer-inclusive dairy development to drive productivity, establish a reliable offtake system and increase household income among smallholder farmers in the Selale milk corridor of Ethiopia
OPP1068145	Mobile Assay Inc	Corporate	100,000	United States	North America	2012	to develop a low-cost, highly sensitive smartphone-based platform that employs phone cameras to image and amplify signals from immunoassays to detect Botrytis and aflatoxin infection in seeds or soil.
OPP1112728	Mobile Assay Inc	Corporate	634,791	United States	North America	2014	to deploy a Lab-on-Mobile-Device platform on smartphones for use by Sub-Saharan Africa to quantify mycotoxins in grain and then develop an integrated mobile ozone decontamination treatment system for contaminated material
OPP1174636	MSC Global Consulting Private Limited	Corporate	8,992,755	Singapore	Asia	2017	to equip government ministries in India with the data and technical resources to expand the poor's access to digital financial services and to improve their access to welfare benefits for food, fertilizer, and fuel in India and other FSP fo
OPP1189447	One Health Platform	Corporate	150,360	Belgium	Europe	2018	to support attendance of the International One Health Congress by the future leaders of One Health from low and middle income countries and to promote the health and productivity of livestock in developing countries by reducing the impact of neglected zoonotic diseases
OPP1128575	Phillips Consulting Limited	Corporate	723,878	Nigeria	Africa	2015	to improve the livelihoods and well-being of smallholder farmers in Nigeria by enhancing the capacity of agricultural leaders to prioritize and deliver effective agricultural investment programs
OPP1133158	Precise Consult International	Corporate	900,000	Ethiopia	Africa	2015	to design a financially sustainable agribusiness accelerator model to expand value addition activities and increase market opportunities, health conditions and income for rural smallholder farmers in Ethiopia
INV-016225	Precision Agriculture for Development Inc.	Corporate	704,932	United States	North America	2020	to develop rigorous evidence on the impact of Ama Krushi extension services on rice productivity, farm income, and women's empowerment in Odisha, India
OPP1213859	PULA Advisors GmbH	Corporate	2,914,964	Switzerland	Europe	2019	to improve adoption of agriculture insurance through bundling with farm inputs, and using innovative distribution platforms and partnerships to drive uptake and impact on smallholder farmers
OPP1201313	Sahel Consulting Agriculture & Nutrition Limited	Corporate	14,999,972	Nigeria	Africa	2019	to enhance the productivity of small holder dairy farmers, particularly amplifying the economic empowerment of women and improving nutrition, by helping to strengthen public-private partnerships
INV-004431	Sahel Consulting Agriculture & Nutrition Limited	Corporate	1,496,066	Nigeria	Africa	2020	to provide strategic institutional strengthening to one of our key partners in Nigeria, FMARD, in specific thematic areas to be mutually agreed via a needs assessment of technical gaps in the policy and technical capacity areas.
OPP1198267	Samunnati Agro Solutions Private Limited	Corporate	4,996,733	India	Asia	2018	to strengthen the enabling ecosystem for farmer producer organization's through the development of data, tools, methods and systems that facilitates their transformation into sustainable businesses and improves small farmers' access to fina
OPP1086913	Schutter Energy Ltd	Corporate	100,000	Kenya	Africa	2013	To provide a biogas system, which also generates quality biofertilizer, to women farmers in Kenya as a cheaper and labor-saving alternative to traditional fuels by refining the technology and developing an affordable "pay as you go" model.
OPP1067838	Sensor Development Corporation	Corporate	99,787	United States	North America	2012	to develop a portable device that analyzes gases to detect the pheromones of the larger grain borer and the mold gases associated with aflatoxin
OPP1127360	Sidai Africa (Kenya) Limited	Corporate	4,485,000	Kenya	Africa	2016	to support the building of an innovative, and financially sustainable, social business that provides vital inputs and services to smallholder farmers enabling them to increase their incomes and family welfare, by improving the profitability
OPP1163662	Sir Dorabji Tata Trust	Corporate	3,000,000	India	Asia	2016	to establish a joint platform for policy and research on nutrition and agricultural development in India
OPP1215701	Stellapps Technologies Private Limited	Corporate	6,291,298	India	Asia	2019	to test a digital platform for the dairy value chain in India to improve economic outcomes and relieve conditions of poverty for smallholder farmers

OPP1142113	Syngenta Foundation for Sustainable Agriculture	Corporate	995,000	Switzerland	Europe	2016	to increase propagation rates of cassava through developing a durable, storable, shorter planting stake that can reduce the number of field generations and increase the proportion of virus-free and productive plants grown by smallholder farmers in Africa
OPP1087131	Synovision Solutions, LLC	Corporate	100,000	United States	North America	2013	To recycle waste into valuable materials by developing equipment to convert waste plastic shopping bags into drip irrigation tubing suitable for use by women smallholder farmers in developing countries.
OPP51464	The Corporate Council on Africa (CCA)	Corporate	35,000	United States	North America	2008	to support a conference on African agricultural markets
OPP1087092	Vivus Ltd.	Corporate	100,000	Ghana	Africa	2013	To provide cargo motorbikes to rural women smallholder farmers to reduce labor costs and enable access to remote markets by testing financing models and establishing infrastructure for provision and maintenance.
OPP1089212	Well Told Story Limited	Corporate	7,870,569	Kenya	Africa	2013	to support a trans-media campaign in Kenya and Tanzania promoting public health and agribusiness
OPP44052	World Agricultural Forum	Corporate	250,000	United States	North America	2007	to support World Agricultural Forum 2007
OPP50932	World Cocoa Foundation	Corporate	22,415,895	United States	North America	2009	to improve the livelihoods of West African smallholder cocoa farmers by improving marketing efficiency, production efficiency, and income security
OPP1049181	World Cocoa Foundation	Corporate	8,913,171	United States	North America	2014	to improve the livelihoods of West African smallholder cocoa farmers by improving marketing efficiency, production efficiency and income security
OPP52198	World Food Logistics Organization (WFLO)	Corporate	1,280,342	United States	North America	2009	to support a study of postharvest technologies for improving market access and incomes for small horticultural farmers
OPP1165393	Zoetis	Corporate	14,399,711	Belgium	Europe	2017	to alleviate the livestock disease burden and improve the economic and health outcomes of smallholder farmers in sub-Saharan Africa, by reducing barriers to entry into the animal health market, to ensure a sustainable and affordable supply
OPP1120181	African Development Bank	International Organization	144,073	International Organization	International Organization	2014	to strengthen the African Parliamentariansâ€™ Network on Development Evaluation in improving the environment for development evaluation and the use of evaluation evidence in informing public policy and decision making
OPP53265	African Economic Research Consortium	International Organization	99,889	International Organization	International Organization	2009	to support a conference focusing on the economics of smallholder farmer competitiveness
OPP52148	African Economic Research Consortium	International Organization	6,012,824	International Organization	International Organization	2009	to support capacity building in agricultural and applied economics education in Sub-Saharan Africa
OPP1066522	African Economic Research Consortium	International Organization	2,975,200	International Organization	International Organization	2012	to provide general operating support to strengthen organizational capacity
OPP1128622	African Economic Research Consortium	International Organization	1,500,000	International Organization	International Organization	2015	to provide scholarships and internships to African students to study barriers to smallholder farmer productivity growth and find options to overcome these barriers
OPP1161579	African Economic Research Consortium	International Organization	3,169,284	International Organization	International Organization	2016	to rigorously research agricultural policies for improved policy development, program design, and nutrition outcomes in sub-Saharan Africa
OPP1067858	African Union Commission	International Organization	3,707,883	International Organization	International Organization	2012	to promote African agricultural transformation, food security and improved livelihoods for smallholder farmers through increased commitments by African states to the Comprehensive Africa Agriculture Development Program
OPP1097065	African Union Commission	International Organization	1,045,775	International Organization	International Organization	2013	to develop and encourage adoption of a Livestock Development Strategy for Africa as well as finalizing a framework for monitoring public investments in the livestock sector
OPP1133462	African Union Commission	International Organization	1,500,000	International Organization	International Organization	2015	to build the capacity of the African Union Commission to support transformation in Africaâ€™s economies through improved agricultural productivity, food security, improved incomes and livelihoods for smallholder farmers through increased comm
OPP1152561	African Union Commission	International Organization	5,500,000	International Organization	International Organization	2016	to generate an evidence base on the prevalence of aflatoxin in Africa, disseminate knowledge about tools and strategies to combat aflatoxins and engage with public and private sector stakeholders to increase an aflatoxin-free food supply
OPP1173500	African Union Commission	International Organization	1,500,000	International Organization	International Organization	2017	to develop high quality data and information systems to improve evidence-based policy making, strategic planning, implementation and mutual accountability to actions and impact at the African Union and at member state levels to drive agricu
INV-005129	African Union Development Agency	International Organization	9,500,000	International Organization	International Organization	2020	to strengthen the African Biosafety Network of Expertise to help African countries develop functional systems to regulate the testing and use of safe and productivity-enhancing agricultural biotechnologies
OPP46297	Asian Vegetable Research and Development Center	International Organization	12,083,990	International Organization	International Organization	2006	to increase vegetable production, marketing and consumption and foster rural development in order to improve the health of vulnerable groups, in particular poor women and children in sub-Saharan Africa
OPP1014147	Asian Vegetable Research and Development Center	International Organization	250,000	International Organization	International Organization	2010	To increase vegetable production, marketing, and consumption in order to reduce poverty and increase the livelihood of vulnerable groups; in particular woman and children in Sub-Saharan Africa
OPP48598	Food and Agriculture Organization of the United Nations	International Organization	6,324,966	International Organization	International Organization	2007	to construct a statistical framework and apply an information technology solution for countries and regions, to consolidate food and agricultural statistics into an integrated solution to support policy decisions and their monitoring
OPPGD803	Food and Agriculture Organization of the United Nations	International Organization	6,527,424	International Organization	International Organization	2009	to monitor African food and agricultural policies
OPP1015921	Food and Agriculture Organization of the United Nations	International Organization	309,587	International Organization	International Organization	2010	to support the 5th International Conference on Agricultural Statistics
OPPGD1280	Food and Agriculture Organization of the United Nations	International Organization	829,651	International Organization	International Organization	2011	to improve agricultural statistics in sub-Saharan Africa by supporting piloting opportunities that leverage satellite imagery and GIS tools
OPP1029955	Food and Agriculture Organization of the United Nations	International Organization	905,082	International Organization	International Organization	2011	to support the improvement of national agricultural statistics in nine countries in Africa and Asia
OPPGD1452	Food and Agriculture Organization of the United Nations	International Organization	6,929,304	International Organization	International Organization	2011	to construct a statistical framework and apply an info technology solution for countries and regions; and to consolidate food and agriculture statistics into an integrated solution to support policy decisions and their monitoring

OPP1052713	Food and Agriculture Organization of the United Nations	International Organization	15,114,881	International Organization	International Organization	2012	to improve the capacity of African countries to make evidence-based agricultural policies & decisions that improve livelihoods of the rural poor & increase national food security, through relevant, cost-effective & timely agricultural stati
OPP1052564	Food and Agriculture Organization of the United Nations	International Organization	5,637,513	International Organization	International Organization	2012	to support the globally accessible and transparent MIS platform, and build the capacity of Bangladesh, India, Nigeria and other countries to produce, disseminate and analyze quality agriculture market statistics using digital technologies
OPP1098200	Food and Agriculture Organization of the United Nations	International Organization	229,318	International Organization	International Organization	2013	for policy-oriented technical studies in order to define more effective policy and institutional actions for improving diets and raising levels of nutrition
OPP1103948	Food and Agriculture Organization of the United Nations	International Organization	745,473	International Organization	International Organization	2014	to enhance the governance of food security and nutrition by supporting the activities of the Committee on World Food Security (CFS) to enable it to realize its vision and roles
OPP1082068	Food and Agriculture Organization of the United Nations	International Organization	1,498,154	International Organization	International Organization	2014	to improve our understanding of the role of livestock in the smallholder farming sector and experiment with and identify effective approaches to provide policy assistance in the livestock sector
OPP1009488	Food and Agriculture Organization of the United Nations	International Organization	12,026,239	International Organization	International Organization	2014	to strengthen national policy enabling environments for agricultural development by identifying, assessing and supporting the approval and implementation of at least fifteen reforms to inputs, trade, markets and investment policies, across
OPP1146492	Food and Agriculture Organization of the United Nations	International Organization	251,154	International Organization	International Organization	2016	to fund the work of the Committee on World Food Security (CFS) as it explores the modalities of its engagement with the Sustainable Development Goals (SDGs), ensuring that the inclusive, multi-stakeholder and integrated approach prevailing during the design of Agenda 2030 and the SDGs, further accompany the follow-up and review process regarding progress on food security, nutrition and sustainable agriculture related goals
OPP1121080	Food and Agriculture Organization of the United Nations	International Organization	1,002,787	International Organization	International Organization	2016	to landscape constraints and opportunities in small ruminant livestock value chains in Burkina Faso and Ethiopia
OPP1163079	Food and Agriculture Organization of the United Nations	International Organization	10,543,640	International Organization	International Organization	2016	to improve private and policy decisions on agriculture and food security by local, national and global actors, as a result of more timely, relevant and available information on development finance, agriculture inputs, processes and outputs
OPP1200854	Food and Agriculture Organization of the United Nations	International Organization	750,000	International Organization	International Organization	2019	to enable coordination of key stakeholders to improve the resource environment for livestock development.
INV-015990	Food and Agriculture Organization of the United Nations	International Organization	6,000,000	International Organization	International Organization	2020	to increase the capacity of National Statistics Offices in LICs so that they are better able to collect and analyze data for the primary purposes of reporting against CAADP and SDGs
INV-006219	Food and Agriculture Organization of the United Nations	International Organization	10,000,000	International Organization	International Organization	2020	to provide emergency funding for the response to the locust crisis in the Horn of Africa
OPP1215212	Food and Agriculture Organization of the United Nations	International Organization	2,384,636	International Organization	International Organization	2020	to improve veterinary paraprofessional (VPP) capacity to deliver essential animal health services in key geographies to help reduce animal mortality and increase the productivity of livestock assets for smallholder livestock keepers
OPP52367	International Bank for Reconstruction and Development	International Organization	20,898,639	International Organization	International Organization	2008	to improve the quality and policy relevance of agricultural statistics in Sub-Saharan Africa
OPP50934	International Bank for Reconstruction and Development	International Organization	76,607	International Organization	International Organization	2008	to support Food and Nutrition Security Workshop
OPP50014	International Bank for Reconstruction and Development	International Organization	857,544	International Organization	International Organization	2008	to support national agriculture survey in Tanzania
OPP51370	International Bank for Reconstruction and Development	International Organization	888,654	International Organization	International Organization	2008	to support the 2008 Development Marketplace Global Competition
OPPGD1237	International Bank for Reconstruction and Development	International Organization	4,828,979	International Organization	International Organization	2009	for expenditure tracking and other analytics to support agricultural policy and finance planning in sub-Saharan Africa
OPPGD922	International Bank for Reconstruction and Development	International Organization	2,580,425	International Organization	International Organization	2009	to improve livestock data systems to enhance decision-making for greater impact on poor smallholder livestock keepers
OPP52914	International Bank for Reconstruction and Development	International Organization	2,435,447	International Organization	International Organization	2009	to support a study of business indicators for Sub-Saharan Africa
OPP1018283	International Bank for Reconstruction and Development	International Organization	70,000,000	International Organization	International Organization	2010	to improve the income and food security of poor people in developing countries through improved public and private sector investment in the agriculture and rural sectors
OPP1039215	International Bank for Reconstruction and Development	International Organization	2,000,000	International Organization	International Organization	2011	for general operating support
OPP1049295	International Bank for Reconstruction and Development	International Organization	15,000,000	International Organization	International Organization	2012	to support a multi-donor fund focused on creating innovative agricultural development pilots which will be structured to pay for outputs instead of inputs, results instead of intentions
OPP1026356	International Bank for Reconstruction and Development	International Organization	4,564,355	International Organization	International Organization	2012	to support the creation of a Doing Business Index in agriculture and rank countries on their pro-famer, pro agriculture policies, to contribute toward increasing productivity sustainably
OPP1088983	International Bank for Reconstruction and Development	International Organization	5,000,000	International Organization	International Organization	2013	For the CGIAR in transforming its policies, practices and performance with regard to delivering free and open access to CGIAR research and data products.
OPP1115451	International Bank for Reconstruction and Development	International Organization	100,000	International Organization	International Organization	2014	to support the development of communications materials for the Livestock Global Alliance (LGA)
OPP1114265	International Bank for Reconstruction and Development	International Organization	22,084,338	International Organization	International Organization	2015	to provide data to empower governments and the global investment and research communities to make better decisions on behalf of the rural poor in Africa
OPP1155929	International Bank for Reconstruction and Development	International Organization	591,750	International Organization	International Organization	2016	to better target and increase investment in the livestock sector for its greater contribution to the alleviation of poverty
OPP1153670	International Bank for Reconstruction and Development	International Organization	215,000	International Organization	International Organization	2016	to enhance cooperation and coordination of Livestock Global Alliance members and their partners, and to strengthen evidence-based communication on sustainable livestock development issues
OPP1156268	International Bank for Reconstruction and Development	International Organization	2,500,633	International Organization	International Organization	2016	to fund the collection, analysis and dissemination of actionable indicators to identify and prioritize creating enabling environments for inclusive agriculture and agribusiness growth
OPP1152321	International Bank for Reconstruction and Development	International Organization	1,508,760	International Organization	International Organization	2017	to collect and analyze agricultural labor market data in two countries to help identify key factors constraining women farmers to bridge the gender gap in access and returns to agricultural labor

OPP1203090	International Bank for Reconstruction and Development	International Organization	12,000,846	International Organization	International Organization	2018	to establish high-quality agricultural data systems in low and lower-middle income countries to enable better agricultural monitoring and decision-making at global, regional, and national levels
OPP1196323	International Bank for Reconstruction and Development	International Organization	19,998,740	International Organization	International Organization	2018	to increase rural women's economic empowerment in the agriculture sector (RWEA) in Ethiopia and Nigeria through evidence-informed policy change
OPP1194905	International Bank for Reconstruction and Development	International Organization	1,500,000	International Organization	International Organization	2018	to address the lack of strategic and budget-constrained government prioritization of policies and public investments for driving agricultural transformation (with a particular focus on rural income growth) in Sub-Saharan Africa and South As
OPP1211924	International Bank for Reconstruction and Development	International Organization	390,473	International Organization	International Organization	2019	to inform the design of a two to three year Agriculture Policy Support Program pilot
INV-005905	International Bank for Reconstruction and Development	International Organization	1,693,457	International Organization	International Organization	2020	to support the collection, analysis and dissemination of actionable indicators of enabling environments for inclusive agriculture and agribusiness growth
OPP1112915	International Finance Corporation	International Organization	7,000,000	International Organization	International Organization	2014	to increase access to improved services, technologies and market outlets for smallholder livestock producers by encouraging higher quality public-sector provision of these services and technologies as well as greater private-sector investme
OPP1199992	International Finance Corporation	International Organization	5,000,000	International Organization	International Organization	2018	To invest in innovative technologies and business models that solve critical constraints facing smallholder farmers and will strengthen and modernize India's agricultural sector
OPP1102958	International Fund for Agricultural Development	International Organization	230,000	International Organization	International Organization	2014	to provide an occasion for farmers and rural producers' organizations at grassroots, national, and regional-levels from around the world to share experiences, further engage in international policy dialogue on agricultural development, and generate synergies with IFAD country programs
OPP1127572	International Fund for Agricultural Development	International Organization	516,216	International Organization	International Organization	2015	to show that the goat subsector contributes to poverty alleviation and enables donors to partner with private and public sector and producers to improve productivity in small ruminant value chains in Bihar, Odisha and UP, India
INV-022457	International Fund for Agricultural Development	International Organization	174,000	International Organization	International Organization	2020	to provide membership dues and support to the Global Donor Platform for Rural Development
OPP1215766	International Fund for Agricultural Development	International Organization	2,554,918	International Organization	International Organization	2020	to support development of a partnership with the International Fund for Agricultural Development to advance mutual programmatic interests in agricultural development.
OPP1160488	Islamic Development Bank	International Organization	1,500,000	International Organization	International Organization	2016	to support the Lives and Livelihoods Fund operations and fully achieve the fund's mandate for reducing deaths of mothers and children, increasing productivity of smallholder farms and lifting people out of poverty
OPP52404	Joint United Nations Programme on HIV/AIDS	International Organization	493,500	International Organization	International Organization	2009	to increase small holder production through structured demand in TB, HIV treatment and OVC programs
OPP50667	Organisation for Economic Co-operation and Development (OECD)	International Organization	305,268	International Organization	International Organization	2008	to support a project gathering agricultural data in Africa
OPP45498	United Nations Development Programme	International Organization	23,985,153	International Organization	International Organization	2007	to establish sustainable, replicable rural agro-enterprises in West Africa
OPP1012473	United Nations Development Programme	International Organization	485,000	International Organization	International Organization	2010	to support the African Human Development Report on Food Security for Human Development
OPP1030084	United Nations Development Programme	International Organization	11,769,899	International Organization	International Organization	2011	to contribute to the Ethiopian Agricultural Transformation Agency (ATA) by supporting ATA's program delivery which aims to accelerate Ethiopia's agricultural development, grow the economy, and improve the livelihood of smallholder farmers
OPP1060666	United Nations Development Programme	International Organization	5,425,513	International Organization	International Organization	2012	to provide capacity support to the Ministry of Agriculture and Rural Development for the implementation of the Agricultural Transformation Agenda in Nigeria
OPP1082506	United Nations Development Programme	International Organization	8,999,426	International Organization	International Organization	2013	to catalyze rapid, broad-based growth in Tanzania's agricultural sector by capacitating the government to coordinate an efficient and professional set of interventions to promote greater yields and generate demand pull for smallholder farms
OPP1106487	United Nations Development Programme	International Organization	3,750,000	International Organization	International Organization	2014	to enhance the SUN Secretariat's impact and effectiveness to achieve its mission to scale up nutrition
OPP45782	United Nations Foundation	International Organization	29,911,740	International Organization	International Organization	2007	to protect the genetic diversity of 21 critical crops for food security and poverty alleviation, by supporting national genebanks, the Svalbard Global Seed Vault, and the Global Crop Diversity Trust
OPP1117348	United Nations Foundation	International Organization	20,300,000	International Organization	International Organization	2014	to create a Mobile Hub which aims to unite key public and private sector stakeholders to improve the effectiveness of digital products and services that seek to improve the lives of the poor
OPP1196897	United Nations Foundation	International Organization	230,570	International Organization	International Organization	2018	to support the public launch the SDG2 donor roadmap process
OPP1215446	United Nations Foundation	International Organization	1,199,826	International Organization	International Organization	2019	to generate the necessary analysis and relationships to support the FAO and other international institutions strengthen their support for agricultural statistics with respect to their mandate and responsibilities
OPP1212988	United Nations Foundation	International Organization	25,101,198	International Organization	International Organization	2019	to accelerate the uptake of, and progress toward, select Sustainable Development Goals, including and especially those related to global health, through targeted advocacy, policy, and communications activities
OPP1199793	United Nations Office for Project Services, Geneva	International Organization	768,765	International Organization	International Organization	2018	to enhance the capacity of the Ministry of Water, Irrigation, and Electricity to deliver against GTP II priorities of developing irrigation for smallholder farmers through the efficient ground, surface and rainwater management
OPP48395	United Nations World Food Programme	International Organization	7,790,704	International Organization	International Organization	2007	to provide decisionmakers with reliable and comprehensive multi-sectoral information to design and implement development and emergency programs
OPP48040	United Nations World Food Programme	International Organization	1,100,848	International Organization	International Organization	2007	to develop a comprehensive framework to exploit School Feeding's potential in alleviating rural poverty
OPP49746	United Nations World Food Programme	International Organization	923,375	International Organization	International Organization	2008	to design development and emergency programs that improve small farmers access to markets

OPP49979	United Nations World Food Programme	International Organization	74,598,415	International Organization	International Organization	2008	to improve market opportunities for smallholder farmers through the expansion of food purchasing mechanisms
OPPGD1132	United Nations World Food Programme	International Organization	1,101,365	International Organization	International Organization	2009	to provide funding to the REACH partnership for exploring linkages between local agricultural development and health-focused nutrition programming
OPP1081275	United Nations World Food Programme	International Organization	40,508	International Organization	International Organization	2013	to provide space and use of facilities for development organizations in Tanzania
OPP1104169	United Nations World Food Programme	International Organization	1,000,000	International Organization	International Organization	2013	to facilitate food purchase from smallholder farmers in Kenya to supply the Kakuma Refugee camp school feeding programme, support refugees and the local community to generate income through value addition on grains, and implement school health and nutrition interventions in the camp
OPP1064638	United Nations World Food Programme	International Organization	499,995	International Organization	International Organization	2014	to provide an analysis and dissemination of Brazilian institutional food procurement experiences and food-based safety net programs that source food from smallholder farmers
OPP1153309	United Nations World Food Programme	International Organization	10,381,914	International Organization	International Organization	2016	to address systemic issues in Ethiopia's agriculture sector and reach smallholder farmers with crops and livestock technologies and solutions that will improve productivity and incomes
OPP1139694	United Nations World Food Programme	International Organization	2,496,153	International Organization	International Organization	2016	to connect smallholder farmers to the grains and legumes markets
OPP1063601	World Food Program USA	International Organization	250,000	International Organization	International Organization	2012	to assist and support WFP's work through a diagnostic assessment
OPP1057689	World Organisation for Animal Health (OIE)	International Organization	3,618,386	International Organization	International Organization	2012	to establish a PPR vaccine bank, increase the supply of PPR vaccines, and develop a pilot strategy to progressively control/eradicate PPR in Africa
OPP1097073	World Organisation for Animal Health (OIE)	International Organization	4,103,433	International Organization	International Organization	2013	to enhance performance of veterinary services in sub-Saharan Africa and South Asia that will improve the prevention and control of animal diseases worldwide, generating global impacts and benefits
OPP1159705	World Organisation for Animal Health (OIE)	International Organization	1,603,930	International Organization	International Organization	2016	to support national Veterinary Services in overcoming obstacles and initiating public-private partnerships to improve the quality of animal health, the health and well-being of people and the reliability and universality of veterinary services
OPP1192925	World Organisation for Animal Health (OIE)	International Organization	6,499,856	International Organization	International Organization	2018	to improve the compilation, analysis, and application of global animal health data to enable OIE Members to make informed decisions towards the effective prevention and control of animal diseases and to support national livestock development
INV-005366	World Organisation for Animal Health (OIE)	International Organization	4,999,618	International Organization	International Organization	2020	to design and implement a tool calculating the economic impact of animal diseases which improves resource prioritization to provide resilient incomes to people and organizations involved in livestock food systems.
INV-005249	World Organisation for Animal Health (OIE)	International Organization	1,438,901	International Organization	International Organization	2020	to support effective public-private partnerships to improve the quality of animal health, the health and well-being of people and the reliability and universality of veterinary service delivery
OPP1130238	Bangladesh Rice Research Institute	National Research Centres	3,999,301	Bangladesh	Asia	2015	to enable the Bangladesh Rice Research Institute to deliver a sustainably increased rate of genetic gain to rice growers in Bangladesh, the world's most rice-dependent country, thereby increasing food security and incomes of the poor and su
INV-003892	Bangladesh Rice Research Institute	National Research Centres	3,999,920	Bangladesh	Asia	2019	to sustainably increase the rate of genetic gain delivered in smallholder farmers' fields, in the form of nutritious, resilient, and market-preferred varieties, by the Bangladesh Rice Research Institute
OPP1059393	Bioforsk	National Research Centres	100,000	Norway	Europe	2012	to engineer a plant virus to express genes that will initiate RNA silencing in the sweet potato feather mottle virus, one of the most damaging crop viruses in Africa.
OPP1068489	Biomedical Research Institute of New Mexico	National Research Centres	96,543	United States	North America	2012	to develop biopolymers that encapsulate and protect fungal biopesticides to kill desert locusts that destroy crops in Africa.
OPP1084371	Biotechnology Industry Research Assistance Council	National Research Centres	382,200	India	Asia	2014	to target the relationship between agriculture, nutrition, and health to reduce the high incidence of low birth weight and early stunting and wasting among Indian infants
OPP1144782	Biotechnology Industry Research Assistance Council	National Research Centres	3,000,000	India	Asia	2016	to create a mechanism for jointly sponsoring, managing and co-funding research projects in India across the foundation's global health and development strategies
OPP1193541	Biotechnology Industry Research Assistance Council	National Research Centres	500,000	India	Asia	2018	to support generation of evidence on the efficacy of nutri-gardens in managing household-level malnutrition among rural households in India
OPP1092759	Brazilian Agricultural Research Corporation	National Research Centres	6,957,203	Brazil	Latin America	2013	To enable Brazilian and African agricultural research organizations to collaborate on agricultural innovations on the African continent that will improve the productivity of smallholder farmers in Sub-Saharan Africa
OPP1091605	Brazilian Institute of Geography and Statistics	National Research Centres	50,000	Brazil	Latin America	2013	For the ICAS Conference, which convenes senior agricultural statisticians from all over the world, mainly representatives from national statistical offices and ministries of agriculture.
OPP1068450	Carnegie Institution for Science	National Research Centres	100,000	United States	North America	2012	to develop GMO-free rice lines that can block the ability of pathogens to access host nutrients.
OPP1118805	Carnegie Institution for Science	National Research Centres	1,023,159	United States	North America	2014	to increase food security and food availability by decreasing pathogen susceptibility of crops, and to make new breeding lines of rice available to breeders and farmers in Africa and Asia
OPP1126866	Centrum voor Onderzoek in Diergeneeskunde en Agrochemie-Centre d'Etude et de Recherches Veterinaires et Agrochimiques	National Research Centres	616,837	Belgium	Europe	2015	to create a new, efficient and safe inactivated vaccine will support sustainable agriculture for poor small farmers by reducing financial losses and increasing food production

OPP1118825	Chinese Academy of Agricultural Mechanization Sciences	National Research Centres	550,000	China	Asia	2015	to produce fully-functional motorized small scale machinery to benefit smallholder farmers, including women, by increasing production and productivity of tef, an important traditional crop in Ethiopia
OPP51587	Chinese Academy of Agricultural Sciences	National Research Centres	18,243,636	China	Asia	2008	to develop stress resistant rice variety
OPPGD1393	Chinese Academy of Agricultural Sciences	National Research Centres	15,000,000	China	Asia	2012	to increase food & income security of poor smallholder farmers, particularly women, in sub-Saharan Africa, Southeast and South Asia through the breeding and dissemination of rice cultivars that are efficient and resistant to stresses
OPP1130530	Chinese Academy of Agricultural Sciences	National Research Centres	8,250,000	China	Asia	2016	to increase the productivity and incomes of smallholder farmers by developing and delivering high-yielding, stress-tolerant, and disease-resistant rice varieties to farmers in Sub-Saharan Africa and South Asia
OPP1178942	CIRAD (French Agricultural Research Center for International Development)	National Research Centres	8,295,632	France	Europe	2017	to develop the tools to allow better definition of product profiles for breeders, and tools that will allow them to breed for quality traits of roots, tubers, and bananas (RTB)
OPP1086735	Compatible Technology International	National Research Centres	100,000	United States	North America	2013	To improve quality and yield of pearl millet in West Africa by testing a suite of four manually-operated devices for processing this major food source, and exploring local financing and manufacturing possibilities.
OPP1097442	Council for Scientific and Industrial Research	National Research Centres	100,000	South Africa	Africa	2013	to develop a more effective labor-saving practice or device by evaluating perceptions of labor and the need for labor-saving efforts for women smallholder farmers in three diverse regions of South Africa.
OPP1114092	CSIR - Crops Research Institute, Ghana	National Research Centres	3,995,209	Ghana	Africa	2014	to build capacity for yam disease management in yam growing communities in Nigeria and Ghana, which will result in increased yam production and incomes for smallholder farmers
OPP1112552	CSIR - Crops Research Institute, Ghana	National Research Centres	472,857	Ghana	Africa	2014	to support the Crops Research Institute's efforts to evaluate and develop new high beta carotene varieties of cassava to combat the scourge of Vitamin A deficiency in rural populations
OPP1108547	CSIRO	National Research Centres	765,692	Australia	Oceania	2014	to improve our common understanding of productivity yield gaps for smallholder livestock farmers in Africa and Asia, in order to improve the targeting of donor and national livestock investments for increasing incomes and food security in developing countries
OPP1131636	CSIRO	National Research Centres	1,300,038	Australia	Oceania	2015	to enable crop breeders to improve productivity of rice and sorghum in Sub-Saharan Africa and South Asia by developing disease resistance qualities that reduce losses caused by a range of pathogens
OPP1153084	CSIRO	National Research Centres	150,000	Australia	Oceania	2016	to provide bursary support for developing country attendees to the 2016 One Health EcoHealth Congress in Melbourne, Australia
INV-004428	CSIRO	National Research Centres	3,009,309	Australia	Oceania	2020	to enable crop breeders to improve productivity of rice and sorghum in Sub-Saharan Africa and South Asia by developing disease resistance qualities that reduce losses caused by a range of pathogens
INV-023682	CSIRO	National Research Centres	958,518	Australia	Oceania	2020	to explore a method of modelling the environmental aspect of livestock interventions as a planning and implementation tool
OPP50493	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	National Research Centres	25,374,840	Germany	Europe	2009	To develop the supply chains of African cashews to improve the incomes of smallholder farmers. http://aci.africancashewalliance.com/
OPP1026254	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	National Research Centres	8,516,263	Germany	Europe	2012	to increase the competitiveness of African cashew production and achieve sustainable poverty reduction in its project countries
OPP1086492	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	National Research Centres	17,068,067	Germany	Europe	2013	to improve the livelihoods of smallholder rice farmers and their family members in Nigeria, Ghana, Burkina Faso, and Tanzania
OPP1179344	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	National Research Centres	1,499,681	Germany	Europe	2017	to strengthen the Ethiopian government's soil health program in support of smallholder agriculture through strategic investment planning using geo-referenced soil data and evidence
OPP1188414	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	National Research Centres	61,518	Germany	Europe	2018	to support the Global Donor Platform for Rural Development to implement its Annual Work Programme
OPP1184998	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	National Research Centres	2,835,699	Germany	Europe	2018	to provide support for the practical development of coordination and learning platforms for CARI Phase II, such as the Steering Committee, cross learning events, and supporting regional cooperation in rice value chain in both West and East
INV-002862	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	National Research Centres	50,000	Germany	Europe	2019	to support the Global Donor Platform for Rural Development to implement its Annual Work Programme
INV-005460	Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH	National Research Centres	2,000,000	Germany	Europe	2020	to strengthen the Ethiopian government's soil health program in support of smallholder agriculture by facilitating content development for agricultural advisory services
OPP50933	Deutsche Investitions- und Entwicklungsgesellschaft mbH	National Research Centres	24,400,000	Germany	Europe	2008	to improve livelihoods of rural poor in African countries by increasing cotton-related income
OPP1044858	Deutsche Investitions- und Entwicklungsgesellschaft mbH	National Research Centres	7,881,449	Germany	Europe	2012	to double the yields of 85,000 Tanzanian coffee farmers

OPPGD1432	Deutsche Investitions- und Entwicklungsgesellschaft mbH	National Research Centres	15,362,030	Germany	Europe	2012	to improve the livelihoods of smallholder cotton farmers and their family members in Benin, Burkina Faso, Cote d'Ivoire, Malawi, Mozambique, and Zambia
OPP51423	Donald Danforth Plant Science Center	National Research Centres	5,345,895	United States	North America	2008	to support the creation of a biosafety resource support network for the Grand Challenge #9 projects.
OPPGD1484	Donald Danforth Plant Science Center	National Research Centres	8,257,560	United States	North America	2010	to support the development of high iron, protein, and proVitamin A cassava for Nigeria and Kenya
OPPGD1485	Donald Danforth Plant Science Center	National Research Centres	5,548,750	United States	North America	2011	to support work on Mosaic and Brown Streak resistant cassava, Africa's most devastating cassava diseases.
OPP1056735	Donald Danforth Plant Science Center	National Research Centres	329,150	United States	North America	2012	to support a conference that is part of a triennial series of global meetings on cassava coordinated by the Global Cassava Partnership for the 21st Century
OPP1129063	Donald Danforth Plant Science Center	National Research Centres	6,139,512	United States	North America	2016	to expand and accelerate the development and deployment of advanced sorghum phenotyping and breeding technologies in support of improved varieties for smallholder farmers
OPP1152626	Donald Danforth Plant Science Center	National Research Centres	10,455,636	United States	North America	2016	to support the work of a consortium of American, Nigerian, Ugandan, and Kenyan institutions to develop disease-resistant and nutritionally enhanced cassava varieties to improve the livelihoods and health status of African farm families
INV-001984	Donald Danforth Plant Science Center	National Research Centres	4,912,715	United States	North America	2019	to create new varieties of cassava that are resistant to two of the major diseases currently constraining smallholder cassava production across Sub-Saharan Africa
OPP1126462	Ethiopia Ministry of Agriculture, Agricultural Mechanization Directorate	National Research Centres	345,951	Ethiopia	Africa	2015	to address food security for smallholder farmers and the urban population through developing fully functional, motorized small-scale machinery for tef production
OPP1111893	Ethiopian Agricultural Transformation Agency	National Research Centres	383,143	Ethiopia	Africa	2014	to address the food security challenge for both smallholder farmers and urban populations in Ethiopia by developing a tef planter machine
OPP1109475	Ethiopian Agricultural Transformation Agency	National Research Centres	600,992	Ethiopia	Africa	2014	to make high-quality, real-time and periodic data about Ethiopian agricultural institutions accessible to public and private-sector stakeholders through a web-based portal and analytics
OPP1135054	Ethiopian Agricultural Transformation Agency	National Research Centres	258,266	Ethiopia	Africa	2015	to benefit smallholder farmers in Africa by distilling key lessons and insights from the Ethiopia Commodity Exchange diagnostic for the public realm
OPP1126143	Ethiopian Agricultural Transformation Agency	National Research Centres	699,463	Ethiopia	Africa	2015	to enable the creation of tool that shows who is doing what, where, and with whom in the agricultural sector in Ethiopia
OPP1141817	Ethiopian Agricultural Transformation Agency	National Research Centres	2,849,690	Ethiopia	Africa	2015	to systematically link smallholder farmers in Ethiopia to domestic and international food systems to create more financially sustainable engagements for smallholder farmers
OPP1149123	Ethiopian Agricultural Transformation Agency	National Research Centres	1,499,441	Ethiopia	Africa	2016	to provide emergency drought relief support by establishing a back-up seed supply
OPP1153302	Ethiopian Agricultural Transformation Agency	National Research Centres	11,134,987	Ethiopia	Africa	2016	to support the Ethiopian Agricultural Transformation Agency in holistically addressing systemic issues in Ethiopia's agriculture sector and reaching smallholder farmers with crops and livestock technologies and solutions that will improve p
OPP1154732	Ethiopian Agricultural Transformation Agency	National Research Centres	2,500,000	Ethiopia	Africa	2016	to test and validate the concept of an agribusiness accelerator in Ethiopia by providing finance and technical assistance to increase productivity and income of smallholder farmers
OPP1134235	Ethiopian Institute of Agricultural Research	National Research Centres	7,514,000	Ethiopia	Africa	2016	to modernize the crop improvement programs of the Ethiopian Institute of Agricultural Research
OPP1201262	Ethiopian Institute of Agricultural Research	National Research Centres	559,722	Ethiopia	Africa	2018	to support the Ethiopian Government to increase the production of early generation seed for lowland varieties to increase wheat production for food security and replace wheat imports
OPPGD1491	European Molecular Biology Laboratory	National Research Centres	478,458	United Kingdom	Europe	2010	to support the development of strategies to protect cereals against rust pathogens and diagnostic tools for rust research
OPP1207956	Foreign Economic Cooperation Center, Ministry of Agriculture, P. R. China	National Research Centres	600,000	China	Asia	2019	to support strengthening of the Forum on China-Africa Agricultural Cooperation (FOCAAC) in supporting Inclusive Agricultural Transformation through the generation of relevant analysis and support for convening key stakeholders
OPP1088553	Harbin Veterinary Research Institute, CAAS	National Research Centres	1,521,491	China	Asia	2013	to evaluate the ability of the BEN-1 vaccine to act as a highly effective and safe Contagious Bovine Pleuropneumonia (CBPP) vaccine that meets target product profile and that is a pivotal enabler for the control and then possibly elimination of the disease in Africa
OPP1087392	Hellenic Agricultural Organization - Demeter	National Research Centres	38,379	Greece	Europe	2013	to support an international conference for scientists working on whitefly-related crop problems
OPP1154401	Indian Council of Agricultural Research	National Research Centres	1,509,610	India	Asia	2018	to develop proof of concepts towards the development of potential biomarkers & low-cost molecular diagnostic tools/assay systems helping smallholder farmers in India.

OPP1194767	Indian Council of Agricultural Research	National Research Centres	3,999,795	India	Asia	2018	to modernize the ICAR crop breeding programs to deliver higher rate of genetic gain in breeding programs in a sustainable manner thereby increasing the productivity of food crops and improving the livelihood of the farmers in a changing cli
OPP1202765	Indian Council of Medical Research	National Research Centres	35,000	India	Asia	2018	to support the travel and accommodation expenditures of the speakers and young researchers who will participate from across the globe
OPP1029478	Indira Gandhi Institute of Development Research	National Research Centres	1,769,730	India	Asia	2012	to contribute to the reduction of hunger and malnutrition among India's poor and provide tools to decision makers to strengthen the pathways from agriculture to nutrition
OPP1060078	Institut de Recherche pour le Développement	National Research Centres	100,000	France	Europe	2012	to use new TALEN technology to modify the genomes of rice varieties to elevate resistance in these crops to emerging bacterial diseases.
OPP1060127	Institut National de la Recherche Agronomique	National Research Centres	100,000	France	Europe	2012	to target a newly described structure at the tip of aphid stylet to block transmission of plant viruses and disturb insect feeding.
OPP1130147	Institut National de la Recherche Agronomique	National Research Centres	886,124	France	Europe	2015	to conduct research on the physiological mechanism of virus transmission by phloem-sucking insects
OPP1198772	Institute of Agricultural Economics and Development	National Research Centres	149,922	China	Asia	2018	to inform donor and agricultural development partners on their strategies for funding programs and working in China, to ultimately help small householders improve income
OPP1097721	Institute of Chemical Technology	National Research Centres	100,000	India	Asia	2013	to increase production of cassava, which is a major staple crop grown by women smallholder farmers, by designing and testing a low-cost movable dryer called CassavaTech to easily and more quickly dry large quantities of cassava.
OPP1098861	Institute of Chemical Technology	National Research Centres	100,000	India	Asia	2013	to protect animals and humans from brucellosis, which is an infectious disease, by developing a nanoparticle vaccine using Brucella species antigens bound to immunostimulatory molecules and mucoadhesive polymers for intranasal administration.
OPP1087003	Institute of Chemical Technology	National Research Centres	100,000	India	Asia	2013	To save time, labor and costs, and extend storage life of harvested grains for women smallholder farmers by developing a mobile solar powered grain dryer to rapidly reduce the moisture content of grains.
INV-023014	Institute of Plant Protection, Chinese Academy of Agricultural Sciences	National Research Centres	349,150	China	Asia	2020	to generate learning from China's experience in establishing and improving early warning systems for major crops, which can be shared with less developed countries with such needs, especially in Sub-Saharan Africa
OPP1083413	Institute of Soil Science, Chinese Academy of Sciences	National Research Centres	100,000	China	Asia	2013	To improve rice productivity and save labor in Southern China by developing and testing a cheap periphyton biofilm fertilizer, which is composed of a mixture of microorganisms, as a safer and more effective alternative to chemical fertilizer.
OPP38212	International Center for Tropical Agriculture	National Research Centres	6,000,000	Colombia	Latin America	2005	to demonstrate that biofortified crops can be delivered effectively to farmers and consumers to reduce micronutrient malnutrition
OPP1126519	International Development Research Centre	National Research Centres	25,000,000	Canada	North America	2015	to support research and development on priority neglected livestock diseases; the Livestock Vaccine Innovation Fund will discover new vaccine innovations and make existing vaccines safer, more effective, more accessible and more affordable
OPP1060006	John Innes Centre	National Research Centres	100,000	United Kingdom	Europe	2012	to generate whitefly-resistant plants using RNAi targeted against genes essential to whitefly survival and reproduction.
OPP1068053	John Innes Centre	National Research Centres	100,000	United Kingdom	Europe	2012	to investigate the ability of plant symbiotic bacteria to deliver plasmids that express viral coat proteins to crop plant cells and stimulate immunity against new viral infections.
OPP1028264	John Innes Centre	National Research Centres	10,674,606	United Kingdom	Europe	2012	to test the feasibility of developing cereal crops capable of fixing nitrogen as an environmentally-sustainable approach for small farmers in sub-Saharan Africa to increase maize yields
OPP1067380	Lake Zone Agricultural Research and Development Institute	National Research Centres	1,494,983	Tanzania, United Republic of	Africa	2013	to increase sweet potato productivity for improved food security and incomes in Uganda and Tanzania by adopting, adapting, and deploying a novel system for producing disease-free (clean) planting material of acceptable varieties.
OPP51466	Mikocheni Agricultural Research Institute	National Research Centres	1,872,927	Tanzania, United Republic of	Africa	2008	to support a cassava research program
OPP1070386	Mikocheni Agricultural Research Institute	National Research Centres	200,000	Tanzania, United Republic of	Africa	2012	to support the Mikocheni Agricultural Research Institute to continue work on cassava disease diagnostics and strengthen local capacity
OPP1052391	Mikocheni Agricultural Research Institute	National Research Centres	6,837,744	Tanzania, United Republic of	Africa	2013	to diagnose, characterize, monitor and sustainably manage viruses affecting cassava productivity in East and Southern Africa and enhance capacity of national cassava research programs located in sub-Saharan Africa
OPP1112522	Mikocheni Agricultural Research Institute	National Research Centres	499,214	Tanzania, United Republic of	Africa	2014	to contribute to increased common bean production through reduced incidence of viral diseases
OPP43651	National Academy of Sciences	National Research Centres	649,442	United States	North America	2006	to identify new scientific knowledge and promising technology with the potential to transform the production capabilities of farmers in Sub-Saharan Africa and South Asia
OPP48042	National Academy of Sciences	National Research Centres	902,268	United States	North America	2007	to support a study that will generate an updated report on the science behind sustainable agricultural practices, and the factors important for the adoption and scaling of sustainable farming systems

OPP1015316	National Academy of Sciences	National Research Centres	150,000	United States	North America	2010	to convene experts from the public and private sector in agricultural development to help establish the dimensions of the food security challenge and explore how to sustainably meet growing food demands during the coming decades
OPP1097068	National Academy of Sciences	National Research Centres	250,000	United States	North America	2013	to complete a study that will identify critical research and development (R&D), technologies, and resource needs for research in the field of animal agriculture, both nationally and internationally (with particular focus on sub-Saharan Africa and South Asia)
OPP1150262	National Academy of Sciences	National Research Centres	1,562,500	United States	North America	2016	to support an endowment for an annual National Academy of Sciences Prize in Food and Agriculture Sciences
OPP1112511	National Agricultural Research Laboratories	National Research Centres	448,864	Uganda	Africa	2014	to develop and be able to provide new varieties of groundnut with resistance to mycotoxin contamination and reduce the toxic and carcinogenic effects in the communities that depend on this crop for food and nutrition security, to improve ov
OPP1134098	National Agricultural Research Laboratories	National Research Centres	6,200,000	Uganda	Africa	2016	to create effective decision-support tools for farmers and extension agents in Uganda and Tanzania to improve banana productivity for resource-poor banana farmers and ensure crop resilience against future challenges including climate variab
OPP1097626	National Agricultural Research Organization	National Research Centres	100,000	Uganda	Africa	2013	to reduce the time and labor needed to process groundnuts by developing and testing a simple plucking tool to remove the pods, utilizing input from Ugandan women smallholder farmers, and teaching local manufacturers to fabricate them.
OPP1096702	National Agricultural Research Organization	National Research Centres	100,000	Uganda	Africa	2013	to save time and labor for women smallholder farmers in Uganda and neighboring countries who harvest cassava by designing and evaluating a simple, low cost tool that can be operated in an upright manner and be locally fabricated.
OPP1112515	National Agricultural Research Organization	National Research Centres	499,853	Uganda	Africa	2014	to support the National Crops Resources Research Institute's project to implement the use of biochemistry-based election of weevil resistance to develop high yielding, nutrient rich and weevil resistant sweetpotato varieties for improved incomes, health and livelihoods of communities in Uganda
OPP1080965	National Crops Resources Research Institute	National Research Centres	3,506,840	Uganda	Africa	2013	to improve food security, increase profits and timely access to disease-free cassava planting material by small-scale farmers resident in cassava brown streak disease (CBSD) and cassava mosaic disease (CMD) affected areas of Uganda
OPP1084135	National Crops Resources Research Institute	National Research Centres	199,801	Uganda	Africa	2013	to increase bean yields and improve livelihoods of smallholder farmers by developing bean varieties that are resistant to bean root rots
OPP1131470	National Crops Resources Research Institute	National Research Centres	499,827	Uganda	Africa	2015	to improve food security and farm incomes in Uganda through the development of knowledge-based management practices for bean leaf beetles on common bean
OPP1112564	National Root Crops Research Institute Umudike	National Research Centres	448,638	Nigeria	Africa	2014	to develop high pro-vitamin A, post-harvest physiological deterioration (PPD) tolerant cassava lines adapted to Nigeria to reduce root losses and improve the nutritional and economic value of this staple crop
OPP51589	National Science Foundation	National Research Centres	24,000,000	United States	North America	2008	to build a foundation for generating sustainable, science-based solutions to problems of smallholder agriculture in developing countries, testing innovative hypotheses leading to novel and creative approaches and technologies
OPP1082853	Netherlands Institute of Ecology	National Research Centres	7,994,082	Netherlands	Europe	2016	to improve the crop productivity and income for smallholder farmers in sub-Saharan Africa by engineering the microbiomes of sorghum agro-ecosystems for protection against the parasitic weed Striga
OPP50792	Plant Resources of Tropical Africa Foundation	National Research Centres	2,923,773	Netherlands	Europe	2009	to document and widely distribute information on useful plants of tropical Africa
OPP1084159	Public Library of Science	National Research Centres	100,000	United States	North America	2013	to provide general operating support
OPP1067793	Rhode Island Hospital	National Research Centres	100,000	United States	North America	2012	to identify endophytes for important food plants in Sub-Saharan Africa that can help increase crop production while preventing the invasion of disease-causing pathogens.
OPP1200036	Rothamsted Research	National Research Centres	548,125	United Kingdom	Europe	2018	to analyze technologies, markets, partners, constraints and models for the establishment of a customer-centric platform and toolbox to develop and deliver agronomy solutions at scale in support of smallholder farming in the Global South
OPP1137216	Royal Tropical Institute (KIT)	National Research Centres	349,787	Netherlands	Europe	2015	to develop transformative pathways for increasing the performance of agricultural advisory and extension systems to better respond to demands of and provide advisory support to smallholder farmers for increasing their productivity
OPP1112585	Rwanda Agriculture Board	National Research Centres	499,853	Rwanda	Africa	2014	to respond effectively to the Maize Lethal Necrosis epidemic threatening food security in Rwanda and the entire Eastern African region
OPP1215286	Rwanda Agriculture Board	National Research Centres	1,975,776	Rwanda	Africa	2019	to develop a soil information service for improving soil fertility and land use management by smallholder farmers in Rwanda.
OPP1014417	Shanghai Institute of Biological Sciences	National Research Centres	481,388	China	Asia	2010	to support research that will guide the C4 rice project
OPP1066859	South Carolina Research Foundation	National Research Centres	31,680	United States	North America	2012	to support a conference to exchange scientific information concerning improvement of sorghum as high quality, resilient food and feed grain throughout the world
OPP1052623	Sugarcane Research Institute - Kibaha	National Research Centres	2,199,956	Tanzania, United Republic of	Africa	2012	to support the Sugarcane Research Institute - Kibaha to improve cassava production in Tanzania through community-based control and management of cassava brown streak disease using phytosanitation in order to managing cassava virus diseases

OPP1114417	Sugarcane Research Institute - Kibaha	National Research Centres	5,225,799	Tanzania, United Republic of	Africa	2014	to increase sweet potato production, consumption and enhance nutritional status by smallholder farmers in Tanzania and Uganda through timely access to preferred and improved varieties of sweetpotato. It will pilot the use of rural school-going children as nodes to fast-track introduction of improved varieties in their communities, especially women farmers. Students will receive agronomy and nutritional education using orange fleshed sweetpotato as an entry point, and then given small bundles of vines of the promoted varieties to take to their mothers for planting
OPP1112555	Sugarcane Research Institute - Kibaha	National Research Centres	475,630	Tanzania, United Republic of	Africa	2014	to support the Sugarcane Research Institute - Kibaha's contributions to improved banana productivity through sustainable management of banana nematodes in Tanzania by use of proper and improved diagnostic tools
OPP1082722	Tegemeo Institute of Agricultural Policy & Development	National Research Centres	1,704,592	Kenya	Africa	2013	to allow Tegemeo to reach the next level of its development and remove the barriers to growth, including finding new accommodation for the Institute, strengthening the relationship with Egerton University, and embedding Tegemeo as a national leader within Kenya
OPP1134876	Tegemeo Institute of Agricultural Policy & Development	National Research Centres	1,607,033	Kenya	Africa	2015	to improve adoption of modern and higher yielding varieties of maize, rice, banana and selected legumes by smallholder farmers in Tanzania
OPP49323	The Institute of Development Studies	National Research Centres	145,032	United Kingdom	Europe	2007	to support the Farmer First Revisited conference
OPP52340	The Institute of Development Studies	National Research Centres	2,676,910	United Kingdom	Europe	2008	to support smallholder farmers in Africa and South Asia through impact planning and learning
OPP1098823	The Pirbright Institute	National Research Centres	90,023	United Kingdom	Europe	2013	to aid peste des petits ruminants (PPR) disease control efforts by developing a thermo-tolerant vaccine based on human adenovirus 5 that enables differentiating infected from vaccinated animals (DIVA).
OPP1098099	The Pirbright Institute	National Research Centres	189,232	United Kingdom	Europe	2013	to improve our understanding of, and effective use of, current control tools and measures (including vaccines) against peste des petits ruminants and foot and mouth disease, two serious diseases affecting livestock that are widespread in developing countries
OPP1131495	The Pirbright Institute	National Research Centres	1,494,536	United Kingdom	Europe	2015	to develop high quality master seed viruses and cell lines that are relevant for foot-and-mouth disease virus vaccine production for East Africa
OPP1154700	The Pirbright Institute	National Research Centres	837,704	United Kingdom	Europe	2016	to improve cell lines to increase virus yields for foot-and-mouth disease virus vaccine production
OPP1192002	The Pirbright Institute	National Research Centres	2,999,745	United Kingdom	Europe	2018	to refine a novel vaccine against foot and mouth disease by enhancing the breadth of protection against different virus strains.
INV-002836	The Pirbright Institute	National Research Centres	5,530,900	United Kingdom	Europe	2019	to establish methods for antibody discovery, manipulation and testing in livestock species
OPP1215550	The Pirbright Institute	National Research Centres	1,474,103	United Kingdom	Europe	2019	to develop quadrivalent foot-and-mouth disease virus vaccine technology
OPP1060026	The Sainsbury Laboratory	National Research Centres	100,000	United Kingdom	Europe	2012	to test the feasibility of altering characteristics in plant crops to speed the introduction and multiplication of variants of resistance against pathogens
OPP52207	United States Department of Agriculture	National Research Centres	365,937	United States	North America	2008	to support a study of locally produced school feeding programs in Africa
OPP1110623	USAID	National Research Centres	3,000,000	United States	North America	2014	to provide a competitive granting fund that will be used to scale up a range of proven information and communication technologies to support the adoption of proven and appropriate agriculture technologies by smallholder farmers in select Af
OPP1163607	USDA, Agricultural Research Service	National Research Centres	921,567	United States	North America	2016	to improve vaccines for East Coast Fever in cattle
OPP1199718	ACCESS Development Services	NGO	1,499,858	India	Asia	2018	to enhance the market power and income of marginal and smallholder maize-growing farmers of Nabarangpur district of Odisha by integrating them into the mainstream maize value chain through a clutch of interlinked interventions
OPP1100803	Access to Seeds Foundation	NGO	1,494,050	Netherlands	Europe	2014	to support the development of and implementation of a Global and East African Access to Seeds Index, which are biennial rankings, measuring the performance of the world's and regional leading seed companies with respect to their efforts enhancing the degree by which smallholder farmers benefit from their knowledge, technologies, varieties and seed.
OPP1168540	Access to Seeds Foundation	NGO	500,000	Netherlands	Europe	2016	to broaden and deepen the coverage of the Access to Seeds Index to influence the behavior and business models of leading seed companies to improve access to quality seeds of improved varieties for smallholder farmers.
OPP1165490	ActionAid Italy	NGO	493,377	Italy	Europe	2016	to influence the Italian G7 presidency agenda to elevate food, nutrition, women's rights and migration and to coordinate the CSO community behind these priorities
OPP1027377	ActionAid USA	NGO	4,533,391	United States	North America	2011	to catalyze increased quantity and quality of public investment in agriculture
OPP1111523	ActionAid USA	NGO	4,250,656	United States	North America	2014	to support the capacity development of country ActionAid affiliates and CSO partners in priority countries to advocate for better public financing allocations to smallholder farmer priorities

OPP1172596	ActionAid USA	NGO	3,751,715	United States	North America	2017	to catalyze increased quantity and improved quality of public investment in agriculture through enhanced citizens' participation in policy making to increase the productivity and well-being of smallholder farmers.
OPP50888	Acumen Fund, Inc.	NGO	6,739,795	United States	North America	2008	to provide risk capital and management support to entrepreneurs improving the provision of agricultural inputs to smallholder farmers, to better the lives of poor farmer families
OPP1211448	African Association of Agricultural Economists	NGO	100,000	Kenya	Africa	2019	to engage with the African agricultural economist community on emerging analytical approaches to the prioritization of policies and public investments for driving inclusive agricultural transformation
OPP1070645	African Center for Economic Transformation	NGO	1,445,817	Ghana	Africa	2012	to promote sustainable rural development in Africa
OPP1135471	African Center for Economic Transformation	NGO	1,095,834	Ghana	Africa	2015	to promote agricultural transformation in Africa through studies, dissemination and policy convenings aimed at policy reforms. Agricultural transformation will increase the incomes of farmers, improve lives in rural areas, reduce hunger in both the rural and urban areas, and support the overall transformation of African economies
OPP1062659	African Evaluation Association	NGO	1,152,374	Ghana	Africa	2012	to strengthen measurement and evaluation capacity to design and implement high caliber evaluations of grantees across the African continent
OPP1136677	African Fertilizer and Agribusinesses Partnership	NGO	499,515	United States	North America	2015	to analyze past global donor agrodealer development efforts and current economics of agrodealers to provide improvement recommendations to benefit small holder farmers
OPP1157712	African Fertilizer and Agribusinesses Partnership	NGO	399,770	United States	North America	2016	to develop a strategy and implementation plan for improving the Nigerian fertilizer sector for the benefit of smallholder farmers
OPP1180156	African Fertilizer and Agribusinesses Partnership	NGO	8,900,002	United States	North America	2017	to increase the availability of quality, affordable fertilizers to smallholder farmers in sub-Saharan Africa
OPP1083391	African Women Education and Development Forum	NGO	100,000	United States	North America	2013	To overcome cultural taboos that reduce productivity by inhibiting women from farming while menstruating by providing innovative reusable menstrual cups and related community education.
OPP1095385	African Women's Development Fund	NGO	6,998,115	Ghana	Africa	2013	for capacity building support
OPP1130346	Aga Khan Foundation	NGO	6,808,235	Switzerland	Europe	2015	to leverage India's Jeevika platform of Self Help Groups to reduce small ruminant mortality to 10%, increase income from goat rearing by 50%, and empower 50,000 women in Bihar
OPP1191140	Agriculture & Food Systems Institute	NGO	1,496,752	United States	North America	2018	to improve the transparency and predictability of biosafety risk assessment and regulation in Bangladesh and the Philippines
OPP1110024	Agriterra	NGO	572,858	Netherlands	Europe	2014	to develop policy papers that will highlight the needs of smallholder farmers and bring this focus into the Dutch development policy dialogue
INV-015985	AKADEMIYA2063	NGO	4,094,502	Rwanda	Africa	2020	to strengthen national data reporting for the CAADP biennial review process
OPP1194533	Alliance to End Hunger	NGO	655,628	United States	North America	2018	to support the SDG2 Advocacy Hub to connect, educate, coordinate and activate civil society, the private sector, multilaterals including UN agencies, and other relevant stakeholders around the Zero Hunger goal
INV-016599	Alliance to End Hunger	NGO	1,203,334	United States	North America	2020	to support the SDG2 Advocacy Hub to convene a broad set of stakeholders around ag, nutrition, food security and hunger to coordinate advocacy efforts and achieve SDG2 by 2030
OPP1200308	American Farm Bureau Foundation for Agriculture	NGO	300,000	United States	North America	2018	to increase support for U.S. investment in global development and public sector research for access to innovative technologies and practices
OPP51819	American Institutes for Research in the Behavioral Sciences	NGO	590,239	United States	North America	2008	to support the development of a project plan for rural farmer radio in Africa
OPP53360	American Institutes for Research in the Behavioral Sciences	NGO	9,837,605	United States	North America	2009	to share vital agricultural information over the radio to enhance the livelihoods of small-holder farmers in Africa
INV-006215	American Institutes for Research in the Behavioral Sciences	NGO	754,933	United States	North America	2020	to develop rigorous evidence on the impact of Digital Green's FarmStack interventions on farmer-level outcomes in productivity and income on two use cases of wheat and dairy
OPP49175	Ashoka	NGO	15,084,305	United States	North America	2008	to bring lasting agricultural solutions to India and Africa and to expand access to financial and information services for the poor across the globe
OPP53197	Association for Progressive Communications	NGO	132,224	South Africa	Africa	2009	to explore Mobile Solutions for Small-Scale Agriculture in Africa
OPP1020713	Association of African Business Schools	NGO	1,362,390	South Africa	Africa	2012	to partner with member schools in Tanzania, Nigeria and Ghana to develop agribusiness management and training programs to support foundation grantees, strengthen local institutions, and build value-chain capacity
OPP49328	BAIF Development Research Foundation	NGO	182,152	India	Asia	2008	to develop a sustainable model to scale-up delivery of dairy-based animal husbandry services
OPP53046	BAIF Development Research Foundation	NGO	5,400,893	India	Asia	2009	to increase of small farmer incomes and test a financially sustainable dairy input delivery model by establishing cattle development centers utilizing different operational and financial approaches, and rigorously evaluating and sharing results
OPP1112185	BAIF Development Research Foundation	NGO	10,853,336	India	Asia	2014	to give small and marginal dairy farmers access to the latest livestock breeding technologies through supply of sexed semen and high quality genetics, with the goal of increasing the productivity and incomes of more than four million small
INV-015908	Ban Ki-Moon Centre for Global Citizens	NGO	861,810	Austria	Europe	2020	to build upon the Secretary General's twin legacies of the Paris Agreement and the SDGs to help build the adaptive capacity of smallholder farmers - who are on the front lines of climate change
OPP1068582	BOND	NGO	1,549,076	United Kingdom	Europe	2012	to support the Joint Campaign on Food and Hunger
OPP1190856	BRAC	NGO	344,723	Bangladesh	Asia	2018	to support the initiation of South Asian Policy Leadership for Nutrition and Growth (SAPLING), a regional platform to build consensus in realigning the food system for delivery of accessible, affordable and healthy diets across South Asia
OPP1083277	Brookings Institution	NGO	2,894,845	United States	North America	2013	to create credible donor score-cards on agriculture through detailed information and analyses of agricultural foreign aid, to help provide more and better aid resources to long-term small-holder led, sustainable agricultural development

OPP1097747	Brookings Institution	NGO	175,000	United States	North America	2013	to examine how conflict and instability in West Africa affect agricultural development activities
OPP1198863	Bureau for Food and Agricultural Policy	NGO	4,999,420	South Africa	Africa	2018	To provide economic modeling and other technical analyses in support of public sector activities for driving market-led inclusive agricultural transformation in four African countries.
OPP1010922	CAB International	NGO	5,155,085	United Kingdom	Europe	2010	to support the distribution of up-to-date knowledge on integrated soil fertility management to drive increased productivity on smallholder farms in sub-Saharan Africa
OPP1098043	CAB International	NGO	4,681,576	United Kingdom	Europe	2015	to support the development, production and dissemination of communication materials by building capacity in the information supply chain from research to practitioners and policy makers to benefit small holder farmers
OPP1200031	CAB International	NGO	1,499,655	United Kingdom	Europe	2018	to promote data management, sharing, and access for improved data-driven decision making in the soil and agronomy data domains in India and Ethiopia
OPP1215722	CAB International	NGO	1,499,990	United Kingdom	Europe	2019	to establish the tools, technologies, and partnerships needed to implement an early warning plant health system in east Africa
OPP1082547	Canadian Foodgrains Bank	NGO	1,495,771	Canada	North America	2014	to build political will and public support for the reduction of hunger and poverty through sustained Canadian foreign assistance levels for agricultural development
OPP1190791	Canadian Foodgrains Bank	NGO	1,199,013	Canada	North America	2018	to increase the quantity and quality of Canadian aid resources for sustainable agricultural development with a focus on women smallholder farmers
OPP45467	CARE	NGO	5,804,718	United States	North America	2007	to improve incomes of landless and smallholder farmers by enhancing their participation in and profit from the milk value chain through increased production and quality, enhanced animal health service, and better access to transport and markets
OPP53369	CARE	NGO	747,785	United States	North America	2009	to develop a program encompassing scaled, sustainable interventions that advance productive and equitable participation of women in agriculture
OPP1009529	CARE	NGO	20,300,000	United States	North America	2011	to increase women farmers' productivity and empowerment in more equitable agriculture systems in sub-Saharan Africa and South Asia
OPP1066344	CARE	NGO	4,396,631	United States	North America	2012	to increase the dairy income and create more sustainable livelihoods for smallholder rural dairy producers in North and Northwest Bangladesh, through their participation in a sustainable dairy hub model
OPP1130006	Catapult Design	NGO	474,999	United States	North America	2015	to design, prototype, and commercialize an improved and affordable gari roaster for smallholder farmers that will be implemented in Ghana and Nigeria
OPP48549	Catholic Relief Services, Inc.	NGO	23,876,316	United States	North America	2007	to increase small farmer cassava productivity by strengthening farmer groups to more effectively manage pests and diseases, access disease resistant planting material and adopt better agronomic and integrated pest management practices
OPP1006204	Catholic Relief Services, Inc.	NGO	4,703,084	United States	North America	2011	to support research and development of agronomic technologies and in turn help increase productivity and resilience needs of smallholder farmers in Bihar
OPP1041467	Catholic Relief Services, Inc.	NGO	2,960,185	United States	North America	2012	to develop, test, document and promote commercially-sustainable supply chains for affordable quality assured cassava seed, serving small farmers in Nigeria
OPP1107879	Catholic Relief Services, Inc.	NGO	88,647	United States	North America	2014	to optimize business-focused agricultural services that use technology, such as mobile-phone delivered courses on business planning, by testing different ways of obtaining feedback on their performance and value directly from farmers.
OPP1047576	Center for Global Development	NGO	1,348,994	United States	North America	2011	to contribute to the reform of UN Food Agencies and increase their development effectiveness, helping improve food security and enhance agricultural productivity
OPPGD1184	Center for Strategic & International Studies, Inc.	NGO	168,375	United States	North America	2009	to explore and disseminate effective policy approaches to improve long-term food productivity and access in the developing world
OPP1121630	Center for Strategic & International Studies, Inc.	NGO	9,537,181	United States	North America	2015	to raise profile and support for key global health and development issues and policies among government officials, policymakers and political influencers, develop new champions, meet health-related security challenges and build global expert networks
OPP1178355	Center for Strategic & International Studies, Inc.	NGO	8,074,000	United States	North America	2017	to provide general operating support and to support U.S. leadership in global health and global food security, essential to improving the lives of the world's vulnerable populations
OPP1149074	Chatham House	NGO	146,617	United Kingdom	Europe	2016	to enable delegates from low income countries to attend the conference in order to share their experiences and best practices with peers; to support personnel involved in organizing the conference; and to produce a report on the influence of animal protein on nutrition during the first 1000 days of life
OPP1198842	Chatham House	NGO	434,118	United Kingdom	Europe	2018	to support organize public fora for candidates to the Director General role at the Food and Agriculture Organization of the United Nations
OPP51902	CNFA	NGO	2,913,700	United States	North America	2009	to support a project to increase the incomes of poor Ghanaian cocoa farming families in Africa
OPP1034243	Collaborative Africa Budget Reform Initiative	NGO	2,999,896	South Africa	Africa	2012	to support CABRI's efforts to enhance budget transparency, better public finance management, and improved spending in the agricultural sector in Africa
OPP1200627	Collectives for Integrated Livelihood Initiatives	NGO	4,978,802	India	Asia	2018	to set up the India Agritech Incubation Network that will provide mentorship to agriculture and allied sector technology startups with the potential to show large-scale sustainable impact on smallholder farmers and help these startups craft
OPP53313	Congressional Hunger Center	NGO	24,581	United States	North America	2009	for general operating support
OPPGD953	Conservation International Foundation	NGO	763,111	United States	North America	2009	to develop an operational strategy for measuring natural resource indicators
OPP1018448	Conservation International Foundation	NGO	496,793	United States	North America	2011	to support the examination of the diversity and prevalence of Madagascar's community-based mechanisms for managing agricultural risk and test their effectiveness
OPPGD943	Conservation International Foundation	NGO	9,774,817	United States	North America	2012	to develop a monitoring system to collect and analyze data on the environmental impacts of agricultural development in sub-Saharan Africa
OPP1140919	Conservation International Foundation	NGO	2,500,000	United States	North America	2015	for general operating support
OPP1052591	Consumer Unity & Trust Society	NGO	672,329	India	Asia	2012	to understand regulatory challenges in high-yielding varieties of rice seed trade between Eastern India and Bangladesh, through policy analysis and advocacy, to increase small-holder farmer productivity via increased seed trade

OPP1132113	Context Global Development	NGO	4,047,930	United States	North America	2015	to test, refine and select successful programs for realizing agricultural productivity gains for smallholder farmers growing sorghum and pearl millet in the Sahel
OPP1180806	Context Global Development	NGO	524,665	United States	North America	2017	to develop a toolkit of case studies that SSA seed system stakeholders can leverage in the formation of healthy early generation seed (EGS) public-private partnerships in their local context and suited for their crops and crop archetypes
INV-004862	Context Global Development	NGO	299,575	United States	North America	2020	to deliver a set of investable options for promoting market-based approaches to move prospective seed buyers, including women, through the stages of awareness and consideration that lead to the decision to purchase new varieties of seed
INV-004233	Context Global Development	NGO	10,037,711	United States	North America	2020	to generate routine estimates of crop variety adoption and turnover in partner geographies
OPP45565	Cooperative League of the USA	NGO	3,858,858	United States	North America	2007	to improve economic and social conditions for people in the developing world through collective entrepreneurship
OPP53181	D-Rev: Design for the Other Ninety Percent	NGO	425,257	United States	North America	2009	to survey and market-test ultra-low-cost multimedia devices for use in agricultural extension work
OPP1198316	Development Gateway, Inc.	NGO	4,993,215	United States	North America	2018	to build and populate data dashboards that support decision-making by government and other stakeholders in the fertilizer sector in Sub-Saharan Africa to ultimately benefit smallholder farmers by improving efficiency in the fertilizer value
OPP1211467	Development Gateway, Inc.	NGO	3,998,859	United States	North America	2019	to build and populate data dashboards that support decision-making by government and other stakeholders that benefit African smallholder farmers by promoting periodic replacement of better crop varieties and improving seed system efficiency
OPP1022219	Diagnostics for All	NGO	1,988,318	United States	North America	2011	to support the development of low cost diagnostic tests for bacterial contamination of milk, cow pregnancy, and aflatoxin in maize to increase smallholder farmer's income
OPP1078804	Diagnostics for All	NGO	1,085,383	United States	North America	2014	to support development of a low-cost field diagnostic for heat detection in bovine animals, in order to improve milk yields for smallholder farmers
OPP51526	Digital Green	NGO	2,861,910	United States	North America	2009	to disseminate locally produced agricultural information to smallholder farmers
OPP1038968	Digital Green	NGO	13,069,464	United States	North America	2012	to disseminate agricultural information via participatory video and mediated instruction in partnership with India's Natural Rural Livelihood Mission, in order to raise income and improve food security for 500,000 smallholder farmer households
OPP1109377	Digital Green	NGO	9,578,623	United States	North America	2014	to raise incomes and increase food security of smallholder farming communities in Ethiopia through improved sustainable agronomic practices and technologies by scaling and enhancing a locally relevant, cost-effective agricultural extension
OPP1210659	Digital Green	NGO	10,558,707	United States	North America	2019	to contribute to the increase in Ethiopian smallholder farmer income by creating a public-led digital platform to support agricultural advisory services, which will enable government, private and civil society actors across value chains to
INV-004995	Digital Green	NGO	639,323	United States	North America	2020	to demonstrate commercially viable, scalable model using next generation technologies to support improved quality and better price realization for high value agriculture in Andhra Pradesh (AP)
OPP53331	Ecoagriculture International Inc.	NGO	125,074	United States	North America	2009	to plan a multi-year project to strengthen methods and institutional capacities of Ecoagriculture Partners and World Neighbors for managing ecoagriculture landscapes in Africa
OPP1021694	Ecoagriculture International Inc.	NGO	275,000	United States	North America	2010	to provide general operating support
INV-002838	EcoHealth Alliance Inc	NGO	1,499,414	United States	North America	2020	to support India's Ministry of Animal Husbandry and Dairying for establishment of National One Health Platform
OPP1097682	Episcopal Relief and Development	NGO	100,000	United States	North America	2013	to decrease labor costs and increase productivity of women smallholder farmers in sub-Saharan Africa by promoting the use of donkeys with ploughs for draught power by training potential users and providing affordable financing options.
OPPGD1100	Farm Concern International	NGO	6,027,019	Kenya	Africa	2010	to increase the profitability of horticulture production by creating efficient marketing mechanisms to serve domestic markets in four countries in Sub-Saharan Africa
OPP1097702	Farm Concern International	NGO	100,000	Kenya	Africa	2013	to promote farming-related trade between rural African villages by developing a mobile phone platform for ordering and paying for farming-related materials, products and services, as well as establishing a distribution and supply network.
OPP1089209	Farm Concern International	NGO	499,975	Kenya	Africa	2013	for a landscape analysis of banana and orange sweetpotato to assess viable opportunities, barriers, consumer markets, sustainable innovations, and the business environment along the seed-farmer-market-consumer value chain to form the basis of comprehensive programmatic market-led interventions
OPP1109197	Farm Concern International	NGO	6,383,203	Kenya	Africa	2014	to optimize profitability and productivity by catalyzing market oriented value chain- wide competitiveness and investments in banana and sweet potato for increased household income
OPP53184	Farm Foundation	NGO	120,000	United States	North America	2009	to support the International Conference of Agricultural Economists
OPP1052583	Farm Foundation NFP	NGO	133,500	United States	North America	2012	to support African and South Asian participation in the 28th International Conference of Agricultural Economists: The Global Bio-Economy
OPP1083318	Farm Foundation NFP	NGO	462,000	United States	North America	2013	to support the African Association of Agricultural Economists, African Association of Agricultural Economists, Asian Society of Agricultural Economists, and International Conference of Agricultural Economists conference
OPP1086614	Farm Journal Foundation	NGO	1,500,000	United States	North America	2013	to build a new rural U.S. constituency of champions for global agricultural development
OPP1136187	Farm Journal Foundation	NGO	2,943,577	United States	North America	2015	to foster a greater United States commitment to reducing global food and nutrition insecurity and poverty through stronger policy, international leadership and investment in agricultural development
OPP1199686	Farm Journal Foundation	NGO	2,800,160	United States	North America	2018	to cultivate influencers in U.S. agriculture to advocate for a U.S. leadership role in global food and nutrition security, international agricultural development, and agricultural research among U.S. policymakers
INV-004327	Farm Journal Foundation	NGO	351,198	United States	North America	2020	to maintain and build support for US global agricultural development programs and agricultural R&D investments through educational events with key policymakers

OPP1156009	FHI Solutions LLC	NGO	5,999,517	United States	North America	2016	to establish a sustainable center for dietary intake assessment to respond to the global need for reliable measurement of dietary practices among vulnerable populations and the use of that data to inform the development of evidence-based po
OPP1014553	Fiorello H. LaGuardia Foundation	NGO	138,833	United States	North America	2010	to provide support for a conference in Brazil to design a Program of Projects to transfer successful smallholder conservation agricultural strategies from Latin America to Africa
OPPGD1129	Food and Agricultural Research Management Limited	NGO	5,188,438	United Kingdom	Europe	2010	to develop an Animal Health Services Franchising Business for the delivery of vaccines and pharmaceuticals to smallholder farmers in Kenya
OPP1086984	Food and Agricultural Research Management Limited	NGO	100,000	United Kingdom	Europe	2013	To improve access and use of existing labor-saving technologies for women farmers in Ethiopia growing maize and sorghum by supporting trial and financing, and by promoting social acceptance and local manufacturing.
OPP1032718	Food, Agriculture and Natural Resources Policy Analysis Network	NGO	10,298,340	South Africa	Africa	2014	to break the intergenerational cycle of under-nutrition in four Sub-Saharan African countries and improve the nutrition of smallholder farm families and poor households through tailored nutrition sensitive agriculture programs that ultimate
OPP1176765	Foundation for Food and Agriculture Research	NGO	5,000,000	United States	North America	2017	to research tools and technology developing or predicting crop phenotypes for climate and resource availability and build partnerships increasing scientific and technological research and innovation enhancing sustainable production of nutri
OPP1124512	Foundation International One Health Congress	NGO	56,825	Netherlands	Europe	2015	to support the 2015 International One Health Congress and its exchange of global knowledge and best practices in infectious diseases of animals and humans, ecological health and epidemics
OPP1119563	Foundations for Farming	NGO	100,000	Zimbabwe	Africa	2014	to promote knowledge sharing between local farmers in Zimbabwe by developing a low cost mobile phone platform that hosts "buddy" chat groups to encourage real-time conversations and enables the collection of feedback
OPP1139682	Friends of the US Pavilion Milano 2015 Inc.	NGO	200,000	United States	North America	2015	to provide sponsorship support for partnership, planning and execution of events at the USA Pavilion on World Food Day at the 2015 Milan Expo
OPP1187959	Fund for International Conference of Agricultural Economists	NGO	201,000	United States	North America	2018	to cover the travel, accommodation and registration costs of selected economists from low-income countries who attend the 2018 triennial International Conference of Agricultural Economists in Vancouver, Canada
OPP1122113	Global Alliance for Improved Nutrition	NGO	100,000	Switzerland	Europe	2014	to develop a comprehensive plan to catalyze investment and drive implementation of Nigeria's Transformative Partnership on High Energy Nutritious Foods in Africa
OPP49064	Global Alliance for Livestock Veterinary Medicines	NGO	22,515,040	United Kingdom	Europe	2008	to develop solutions to the key diseases that affect animals and thus their sustainability and health
OPP1009497	Global Alliance for Livestock Veterinary Medicines	NGO	41,233,106	United Kingdom	Europe	2011	to develop solutions to the key diseases that affect small farmers' livestock in sub-Saharan Africa and South Asia
OPP1093639	Global Alliance for Livestock Veterinary Medicines	NGO	11,348,490	United Kingdom	Europe	2014	to develop and promote the adoption of effective Animal African Trypanosomosis (AAT) disease control tools for small-scale livestock keepers in affected regions of sub-Saharan Africa
OPP1100291	Global Alliance for Livestock Veterinary Medicines	NGO	1,421,722	United Kingdom	Europe	2014	to develop safe and effective drugs against drug-resistant Animal African Trypanosomosis (AAT) as well as a diagnostic test for field diagnosis of infection in cattle, and improving the quality control of existing trypanocides used by smallholder livestock keepers in sub-Saharan Africa
OPP1184801	Global Alliance for Livestock Veterinary Medicines	NGO	3,090,266	United Kingdom	Europe	2017	To overcome animal health product registration barriers and initiate distribution initiatives that will significantly improve smallholder livestock productivity through access to, and awareness of, usage of effective animal health products.
OPP1176784	Global Alliance for Livestock Veterinary Medicines	NGO	40,000,000	United Kingdom	Europe	2017	to develop new livestock vaccines and private sector based market development initiatives that will significantly improve smallholder income and productivity through access to, and, usage of effective animal products
OPP1187035	Global Alliance for Livestock Veterinary Medicines	NGO	25,000,000	United Kingdom	Europe	2017	to support the AgResults Brucellosis Vaccine Prize, which incentivizes the development of a high-quality and affordable vaccine for a livestock disease which disproportionately affects poor and smallholder farmers in developing countries
OPP1200611	Global Alliance for Livestock Veterinary Medicines	NGO	19,000,000	United Kingdom	Europe	2018	to develop and promote the adoption of effective Animal African Trypanosomosis (AAT) disease control tools for small-scale livestock keepers in affected regions of sub-Saharan Africa
INV-005820	Global Alliance for Livestock Veterinary Medicines	NGO	4,970,250	United Kingdom	Europe	2020	to scale-up poultry vaccination coverage in Sub-Saharan Africa through innovative in-hatchery vaccination and sustainably increase availability of vaccinated quality day-old chicks for small scale poultry producers
OPP52386	Global Child Nutrition Foundation Inc.	NGO	80,000	United States	North America	2008	to support school feeding leaders from developing countries in the 2008 Global Child Nutrition Forum
OPP53280	Global Child Nutrition Foundation Inc.	NGO	124,998	United States	North America	2009	to provide research based information and comprehensive technical assistance for leaders in developing countries to provide the platform for expansion of country operated sustainable school feeding programs
OPP1110140	Global Development Analytics	NGO	319,869	United States	North America	2014	to provide a historical reanalysis of historical (2009-2013) hourly, global, gridded multi-satellite rainfall estimates that will support crop modeling, variety selection, weather-indexed insurance (in conjunction with terrestrial weather stations) and other derived uses to support value-chain decisions and logistics in service of smallholder farmers in Africa and South Asia
OPP1118943	Global Development Analytics	NGO	1,249,425	United States	North America	2014	to provide localized agricultural meteorological information to agriculture researchers, extension agents and smallholder farmers in Africa and South Asia to manage against climate variability and to increase productivity and food security
OPP1136345	Global Development Incubator	NGO	733,283	United States	North America	2015	to better understand barriers that impede small holder farmers from using Digital Financial Services in Tanzania
OPP1126535	Global Poverty Project, Inc.	NGO	16,624,329	United States	North America	2015	to support building a critical mass of global citizens who will campaign for and increase political support for the Sustainable Development Goals, particularly those that focus on reproductive, maternal, newborn and child health
OPP52173	Grameen Foundation USA	NGO	393,896	United States	North America	2008	to support a project for community knowledge workers

OPPGD1063	Grameen Foundation USA	NGO	12,190,323	United States	North America	2009	to develop a network of community knowledge workers in Uganda using mobile devices to increase the reach and relevance of agricultural information, leading to improved productivity and livelihoods for small-holder farmers
INV-019264	Grameen Foundation USA	NGO	1,500,000	United States	North America	2020	to build institutional mechanisms for profitability and sustainability of farmer groups, and accelerate uptake of biofortified seeds, nutri-cereals, post-harvest innovation, and climate-resilient technology, in a gender intentional way
INV-005392	Hailemariam & Roman Foundation	NGO	3,000,000	Ethiopia	Africa	2020	to provide for general operating support
OPP52389	Hanns R. Neumann Stiftung	NGO	394,460	Germany	Europe	2008	to develop farmer to farmer learning tool and investigation of areas that would benefit from the tool
OPPGD669	Hanns R. Neumann Stiftung	NGO	4,170,436	Germany	Europe	2009	to improve the livelihood of poor Ugandan coffee farmers by improving their production and marketing capacity
OPP1120928	HealthforAnimals	NGO	426,807	Belgium	Europe	2014	to support a roundtable convening, white paper and a Global Animal Health Conference in 2015 identifying opportunities to improve veterinary medicines regulations in sub-Saharan Africa
OPP48963	Heifer Project International	NGO	49,385,300	United States	North America	2007	to increase the incomes of smallholder dairy farmers through enhancing their access to and profit from dairy markets, improving the productivity of their cows and increasing their access to and use of improved inputs
OPPGD1441	Heifer Project International	NGO	25,590,323	United States	North America	2013	to enable smallholder dairy farmers to increase their dairy productivity and income through the dairy hub approach, and achieve replication of the approach through private sector and government investment
OPP1197660	Heifer Project International	NGO	1,380,000	United States	North America	2019	to help smallholder dairy farmers through producer organizations in the Southern Highlands of Tanzania to partner with processors to increase the collection, chilling, procurement, processing, and sale of high quality milk
OPP1067758	Helen Keller International	NGO	4,219,702	United States	North America	2012	to assess whether the consumption of beta-carotene-enhanced rice can contribute to the control of vitamin A deficiency in poor, rural populations
OPP1189647	Hester Biosciences Africa Limited	NGO	4,000,000	Tanzania, United Republic of	Africa	2018	to increase consistent access to high quality, affordable animal vaccines and health products for smallholder farmers through the adoption and standardization of production at a local manufacturing facility
OPP1011131	IDEO.org	NGO	823,620	United States	North America	2010	to support improved livelihoods in rural communities by freely distributing the Human Centered Design (HCD) toolkit to the non-profit public and creating a peer-based hub of ongoing support for social innovation at the local level
OPP1086996	IDEO.org	NGO	100,000	United States	North America	2013	To improve productivity and incomes for Indian smallholder farmers by designing and testing a micro-franchise system incorporating financing, training and equipment maintenance for renting out small and mid-sized timesaving agricultural implements.
OPP1129552	IDinsight	NGO	1,591,381	United States	North America	2015	to test methods for scaling the adoption of products and services through the use of decision-focused, rapid, low-cost randomized controlled trials
OPP1153750	IDinsight	NGO	7,245,689	United States	North America	2016	to create an innovation unit to generate ongoing evidence to improve priority Government of India programs working to better the lives of India's poorest citizens
INV-003060	IDinsight	NGO	1,098,939	United States	North America	2020	to conduct impact and process evaluations of the three poultry companies under the APMI grant to understand the program's impact on productivity, income, diet quality, and women's empowerment.
OPP1126423	Indian Council for Research on International Economic Relations	NGO	649,167	India	Asia	2015	to evaluate India's agricultural growth experience at the national and state levels since the introduction of economic reforms in 1991 and to examine the linkages between agri-growth and poverty alleviation and reduction in malnutrition at
OPP49084	Information Training and Outreach Centre for Africa	NGO	985,898	South Africa	Africa	2007	to support access to comprehensive, up-to-date information on agricultural education and extension in Africa
OPP1195406	Innovative Solutions for Decision Agriculture (ISDA) Ltd.	NGO	7,499,386	United Kingdom	Europe	2018	to build market-driven tailored and scalable digital tools for the management of soil and agricultural systems that will be delivered through a suite of products and services to aggregators and intermediaries interfacing with smallholders a
OPP1208822	Innovative Solutions for Decision Agriculture (ISDA) Ltd.	NGO	7,495,965	United Kingdom	Europe	2019	to combine current science and low-cost field-level agronomic diagnostics with advanced geospatial analytics to achieve increased cost-benefit of agronomic advisory for small-scale farmers in Africa.
OPP1097670	Instituto Kairós	NGO	100,000	Brazil	Latin America	2013	to increase crop yield and decrease associated time and labor costs for African smallholder farmers by producing and testing a new seed planting system using biodegradable paper strips, which protects the seeds and improves growth.
OPP1136006	InterAction	NGO	1,997,604	United States	North America	2015	to increase the amount of timely and standardized data on agricultural investments by updating the industry standards
OPP1173664	InterAction	NGO	2,549,119	United States	North America	2017	to generate support for US foreign assistance across a range of global health and development priorities
OPP50380	International Center for Research on Women	NGO	4,000,000	United States	North America	2008	for general operating support
OPP50471	International Centre for Genetic Engineering and Biotechnology - Italy	NGO	2,963,680	Italy	Europe	2008	to develop effective safety and regulatory systems in the field of modern biotechnology
OPP1045430	International Centre for Genetic Engineering and Biotechnology - Italy	NGO	6,388,170	Italy	Europe	2012	to develop effective safety and regulatory systems in the field of modern biotechnology
OPP45235	International Development Enterprises	NGO	14,244,609	United States	North America	2006	to develop small-plot water technologies, technology markets, and connect farmers to fruit and vegetable markets in Ethiopia, Zambia, Nepal, and Myanmar
OPP48829	International Development Enterprises	NGO	23,804,794	United States	North America	2007	to improve smallholder farmers' access to affordable, efficient irrigation technologies
OPP1009638	International Development Enterprises	NGO	7,315,925	United States	North America	2011	to increase smallholder farmers' income through micro-irrigation and related interventions in Ethiopia, Zambia, and Ghana
OPP1083906	International Development Enterprises	NGO	282,831	United States	North America	2013	to complete and launch LimaLinks, a mobile phone-based tool that connects small-scale horticultural farmers with output markets

OPP50026	International Fertilizer Development Center	NGO	25,000	United States	North America	2008	to improve the livelihoods of the rural poor in Kenya
OPP1002076	International Food & Agriculture Trade Policy Council	NGO	165,922	United States	North America	2009	to support a n event hosting climate change, agriculture and trade experts to recommend policy options to promote climate change mitigation without omitting the need to strengthen food security and contribute to economic development
OPP1210352	International Initiative for Impact Evaluation Inc.	NGO	2,420,464	United States	North America	2019	to conduct an evaluation of the WorldFish aquaculture project â€”Aquaculture: increasing income, diversifying diets, and empowering women in Bangladesh'
INV-023356	International Initiative for Impact Evaluation Inc.	NGO	1,995,581	United States	North America	2020	to increase the body of rigorous evidence on the effectiveness of a variety of innovative agricultural insurance interventions in improving farmersâ€™ well-being
OPP1082059	International Initiative for Impact Evaluation Inc.(3IE)	NGO	4,500,002	United States	North America	2013	to support rigorous impact evaluation for AGRA and IFAD investments in the areas of markets, post-harvest losses, and seeds
OPP1015557	International Institute for Environment and Development	NGO	1,512,100	United Kingdom	Europe	2010	to develop innovative tools to secure land rights in West Africa
OPP1213871	International Institute for Sustainable Development	NGO	2,100,000	Canada	North America	2019	to support the generation of expert consensus on the most effective interventions needed to sustainably double small-scale productivity and income by 2030 as defined under Sustainable Development Goals 2.3 and 2.4 and an estimate on the cos
INV-016090	International Institute for Sustainable Development	NGO	200,000	Canada	North America	2020	to support communications efforts to Ceres2030
INV-006439	International Institute for Sustainable Development	NGO	250,000	Canada	North America	2020	to conduct historical analysis on the role of agricultural price volatility and price volatility management in agricultural transformation processes
OPP1139060	Jamsetji Tata Trust	NGO	1,000,000	India	Asia	2015	to establish a joint platform for policy and research on nutrition and agricultural development in India
OPP1087205	KEL Growing Nations Trust	NGO	100,000	Lesotho	Africa	2013	To save labor and time for small-scale women farmers planting maize and other grain crops by developing and testing an adapted rotary seed planter.
OPP1107876	Keystone Accountability	NGO	100,000	United Kingdom	Europe	2014	to support African agricultural development decisions by building an open web-based processing system to organize feedback collected directly from farmers and enable data analysis by agricultural institutions.
OPP47820	KickStart International	NGO	8,196,637	United States	North America	2007	to develop improved small-scale pump technologies, expand nationally the market distribution network for pumps, and monitor the impact on smallholder farmers in Tanzania
OPP1095726	Kilimo Trust	NGO	150,000	Uganda	Africa	2013	to support the International Symposium on Agricultural Development on the Occasion of All EAC Partner States @ 50 years of independence with the objective of increasing income, food and nutrition security for smallholder farmers through integrated deeper markets among the East African Community (EAC).
OPP1150300	Kofi Annan Foundation	NGO	750,054	Switzerland	Europe	2016	to promote effective policies and investments in African agriculture and food systems, with a focus on smallholder agriculture; to advocate for increased financial and political commitment to nutrition; and to encourage participation in accountability mechanisms for SDG 2 and CAADP to improve food and nutrition security in African and beyond.
OPP1192646	Kofi Annan Foundation	NGO	600,000	Switzerland	Europe	2018	to provide for General Operating Support
OPP1134211	Land O' Lakes International Development	NGO	18,101,476	United States	North America	2015	to establish sustainable channels for more efficient and effective private and public sector-led doorstep delivery of cattle artificial insemination (AI) and related dairy cattle development services to farmers in Ethiopia and Tanzania
OPP1120925	Land O' Lakes International Development Fund	NGO	299,890	United States	North America	2014	to create a report that explores the potential for private-sector investment in artificial insemination of cows, with the goal of getting more productive animals into the hands of farmers in East Africa and boosting their incomes
OPP49590	Landesa Rural Development Institute	NGO	9,166,835	United States	North America	2008	to help landless women agricultural laborers and their families in rural India to increase food security and income through secure land access and community gardens
OPP1145329	Landesa Rural Development Institute	NGO	3,750,000	United States	North America	2016	to ensure more secure land rights and improved livelihoods for poor women farmers and agricultural laborers in India
OPP1113605	Leibniz-Institut DSMZ-Deutsche Sammlung von Mikroorganismen und Zellkulturen GmbH	NGO	813,348	Germany	Europe	2014	to screen South American cassava germplasm to identify new resistance that can be introduced into African cassava
OPP1183406	Lugar Center	NGO	427,124	United States	North America	2017	to create support and momentum for U.S. leadership of a 21st Century Green Revolution
OPP51818	M.S. Swaminathan Research Foundation	NGO	61,493	India	Asia	2008	to support a study of how small-holder farmers might participate in large-scale school feeding and maternal and infant feeding programs
OPP1083876	Maasai Wilderness Conservation Fund	NGO	1,000,000	United States	North America	2013	to provide general operating support for Maasai Wilderness Conservation Fund
OPP42209	Market Matters, Inc.	NGO	166,318	United States	North America	2006	to explore the best way to support development of private seed companies
OPP1028051	Mennonite Economic Development Associates	NGO	4,075,089	Canada	North America	2012	to develop, test, document and promote commercially-sustainable supply chains for affordable quality-assured cassava seed systems serving small farmers in Tanzania
OPP1097456	Mennonite Economic Development Associates	NGO	78,595	Canada	North America	2013	to promote dry season cultivation in small farms in Northern Ghana by field-testing different models of water catchment, storage and irrigation systems, and performing cost-benefit analyses
OPP1154750	Mennonite Economic Development Associates	NGO	11,681,386	Canada	North America	2016	to increase smallholder productivity and income by enabling an economically sustainable, commercial cassava seed model in Tanzania through which superior, disease-resistant and tolerant varieties will be promoted and sold. It will develop a
OPP1214340	Mennonite Economic Development Associates	NGO	3,826,217	Canada	North America	2019	to optimize innovative seed multiplication and distribution models, improving smallholder farmer access to recently released varieties of bananas that are higher yielding and more resistant in the Great Lakes region of Africa
OPP1181967	Mercy Corps	NGO	1,400,000	United States	North America	2017	to revitalize the poultry livelihoods and markets in Nigeriaâ€™s Borno State through the establishment of mother units and the provision of chickens to vulnerable households
OPP1197943	Mercy Corps	NGO	5,600,000	United States	North America	2018	to support the development and scale of high-impact, digitally-enabled rural advisory and financial services and market access for smallholders across Kenya, Tanzania, Ethiopia and Nigeria

OPP49416	Meridian Institute	NGO	857,391	United States	North America	2008	to support and manage innovation and product development processes that lay the groundwork for bringing soil health and plant nutrition products into use
OPP52485	Meridian Institute	NGO	1,794,802	United States	North America	2009	to support a study of innovations for agricultural value chains using science and technology
OPP1026507	Meridian Institute	NGO	19,811,768	United States	North America	2011	to develop an Africa-based and Africa-led partnership, and to substantially control aflatoxin contamination in key staple crops across sub-Saharan Africa.
OPP1022719	Meridian Institute	NGO	1,500,000	United States	North America	2011	to support a U.S. initiative on food and agriculture policy
OPP1080029	Meridian Institute	NGO	899,997	United States	North America	2014	to support a U.S. initiative on food and agriculture policy
INV-017867	Mozilla Foundation	NGO	2,439,221	United States	North America	2020	to enable data collection, model development and integration of voice technologies in digital applications relevant for low income populations in Africa for finance and agriculture use cases
OPP1017027	National 4-H Council	NGO	129,076	United States	North America	2010	to support an African-based program that will help youth participate productively in the agricultural sector
OPP1031044	National 4-H Council	NGO	1,582,560	United States	North America	2011	to launch 4H's work in Sub-Saharan Africa through national partners in Tanzania, Ghana and Ethiopia to equip the next generation of African smallholders with the knowledge and skills to participate productively in crop and livestock value-chains
OPP51915	National Peace Corps Association	NGO	497,430	United States	North America	2009	to develop and pilot a new web-based social network of Diaspora and others in the U.S. connected to rural African communities
OPPGD1440	National Peace Corps Association	NGO	716,318	United States	North America	2009	to further develop and operationally expand a new web-based social network for addressing the needs of rural agricultural communities in Sub-Saharan Africa
OPP1013572	NetHope	NGO	442,144	United States	North America	2010	to support an Initiative to increase reliable weather and climate information for farmers throughout Africa
OPP1037005	New Venture Fund	NGO	9,068,833	United States	North America	2011	to advance the work of the global development community by providing targeted funding to support global development policy, communications, and advocacy efforts
OPP1118531	New Venture Fund	NGO	50,559,457	United States	North America	2014	to advance the work of the global development community by providing targeted funding to support global development policy, communications, and advocacy efforts
OPP1214831	New Venture Fund	NGO	47,389,151	United States	North America	2019	to advance the work of the global health and development community by providing targeted funding primarily to support policy, advocacy, and communications efforts
OPP1195654	NpM, Platform for Inclusive Finance	NGO	236,372	Netherlands	Europe	2018	to fund an innovation challenge seeking new ideas to use geospatial imagery to promote financial inclusion
OPP1108058	Oliver's Planet, Inc	NGO	86,930	United States	North America	2014	to promote the funding and success of agricultural projects in developing countries by building an online platform using SMS to crowd source expertise directly from rural farmers for creating feasible solutions to relevant agricultural issues.
OPP1066355	One Acre Fund	NGO	11,642,932	United States	North America	2013	to significantly increase smallholder farmer adoption of existing and impactful technologies
OPP1160910	One Acre Fund	NGO	6,005,247	United States	North America	2016	to trial, disseminate and drive adoption of new or improved delivery models targeting smallholder farmer access to locally adapted agronomic recommendations and efficient, affordable financial services at scale
OPPGD1037	Oxfam Great Britain	NGO	1,325,191	United Kingdom	Europe	2009	to identify the best ways of strengthening the livelihoods of rural women agricultural producers in sub-Saharan Africa through collective action
OPP1086970	Oxfam Intermón Fundación	NGO	100,000	Spain	Europe	2013	To reduce the labor intensity of parboiled rice production for Burkinabe women by developing and evaluating more efficient and durable rice husk furnaces and lower-cost rice sorting equipment.
OPP1086939	Oxfam Solidarit�	NGO	100,000	Belgium	Europe	2013	To design, produce and test labor-saving hoes for tilling and weeding in Northern Mozambique by bringing together women smallholder farmers, local blacksmiths and scientists in a participatory approach.
OPP1007413	Oxfam-America Inc	NGO	146,369	United States	North America	2009	to support the monitoring of bacillus thuringiensis cotton impact in West Africa
OPP1018443	Oxfam-America Inc	NGO	467,556	United States	North America	2010	to advance understanding of the relationship between community-based coping mechanisms, external interventions, and the pressures of climate change in sub-Saharan Africa
OPP1019887	Oxfam-America Inc	NGO	5,382,083	United States	North America	2010	to implement a series of innovations in Ethiopia's extension system, one of the largest in the world, to improve the system's overall performance at a national-scale and generate productivity improvements for smallholders
OPPGD1353	Oxfam-America Inc	NGO	17,000,079	United States	North America	2011	to support elevation of, and engagement with, priority development issues in new and evolving global decision-making
OPP1097510	Oxfam-America Inc	NGO	100,000	United States	North America	2013	to promote the widespread adoption of labor-saving weeder machines tailored for smallholder women farmers in Cambodia by launching a marketing strategy to stimulate demand, and working with local fabrication businesses to promote supply.
OPP1086976	Oxfam-America Inc	NGO	100,000	United States	North America	2013	To promote widespread adoption of cheap and labor-saving groundnut shellers for Ethiopian women farmers by incorporating also the private sector and the Ethiopian Agricultural Extension System in the design and development process.
OPP1125488	Oxfam-America Inc	NGO	15,840,184	United States	North America	2015	to support Oxfam's work to achieve robust and good quality Official Development Assistance in key donor markets, including for health and agriculture; and to champion investments in small holder farmers in targeted countries in Africa
OPP1190047	Oxfam-America Inc	NGO	11,380,000	United States	North America	2018	to support Oxfam's work to achieve robust and good quality Official Development Assistance in key donor markets, including for health and agriculture; and to champion investments in smallholder farmers in targeted countries in Africa
OPP1109057	PATH	NGO	2,175,527	United States	North America	2014	to improve livestock diagnostics tools for use by smallholder farmers in low and middle-income countries by undertaking a landscape analysis of livestock diagnostics and recommending a broader investment strategy aimed at furthering the fit
OPP1176288	PATH	NGO	345,000	United States	North America	2017	to support an open source tool to support mobile data management to enhance long term impact in global development
OPP1141832	Population Council, Inc.	NGO	5,309,787	United States	North America	2015	to generate evidence on the effectiveness and sustainability of large scale community mobilization through state and non-governmental programs on maternal, newborn, and child health, and nutrition (maternal and child) outcomes

OPP1178222	Precision Agriculture for Development Inc.	NGO	1,972,820	United States	North America	2017	to improve the effectiveness of agricultural extension services in India's State of Odisha using the latest available technologies, including mobile phones, and research methods
OPP45832	Pride Africa	NGO	748,463	Kenya	Africa	2007	to develop a supply chain management system to support smallholder farmers by financing the production and marketing of sunflower oilseed in Western Kenya
OPP49537	Professional Assistance for Development Action	NGO	10,243,389	India	Asia	2009	to create sustainable livelihoods for rural farming families in poor regions of India by training women farmers in land, water management and other farming practices
OPP1069590	Professional Assistance for Development Action	NGO	20,626,866	India	Asia	2013	to develop sustainable agri-based livelihood systems for women-led families in India
INV-004993	Professional Assistance for Development Action	NGO	3,000,000	India	Asia	2020	to strengthen and enhance market access and market integration of tribal farmers in Odisha using the Agri Production Cluster model to build collective agency and improve returns from farming in a gender intentional way
OPP45625	Rainforest Alliance, Inc.	NGO	5,343,026	United States	North America	2007	to develop and implement new business models that enable smallholder farmers to participate in sustainable trading relationships with multinational business
OPP1116475	Rajiv Gandhi Charitable Trust	NGO	1,320,129	India	Asia	2015	to increase the agricultural productivity of women farmers in Uttar Pradesh by leveraging the Self-Help Group platform to strengthen informal seed systems in a gender transformative manner with an emphasis on rice and wheat, complemented with
INV-006414	Re-Imagine Europa	NGO	1,487,120	Belgium	Europe	2020	to engage with a broad set of European stakeholders on genome editing in the 21st century
OPP1135312	REPOA	NGO	785,252	Tanzania, United Republic of	Africa	2015	to learn the pathway from mobile phone ownership to financial inclusion among women in a developing country by understanding which mobile devices, service packages and distribution mechanisms best cause uptake of digital financial services and the overall impact on women's livelihoods
OPP1002254	Research Institute of Organic Agriculture	NGO	302,783	Switzerland	Europe	2009	for the production of the African Organic Farming and Training Resource Manual that delivers best organic farming competencies to farmers, farmer groups, rural advisors, extensionists, agricultural teachers, self-help groups, researchers and NGOs
INV-016082	Results for Development Institute, Inc.	NGO	397,757	United States	North America	2020	to contribute body of knowledge of high impact policy interventions in food systems for nutrition
OPPGD1358	Root Capital Inc.	NGO	7,500,000	United States	North America	2009	to provide loans and financial training to small and growing rural businesses in Africa
OPP1112234	Rothamsted Research	NGO	14,481,915	United Kingdom	Europe	2014	to rapidly expand the effective use of scientific data and information to ensure that Africa's soil and landscape resources are described, understood and used effectively to help raise agricultural production and lower ecological footprints
OPP1010339	SAIDE	NGO	1,174,956	South Africa	Africa	2012	to provide Open Educational Resources methods and approaches in crop and livestock science in African universities and research institutions to promote an institutional and small-holder centric approach to teaching, research and development
OPP49358	Salzburg Seminar in American Studies Inc.	NGO	200,280	United States	North America	2007	to support the African Agriculture Conference
OPP1175289	Samagra Development Associates	NGO	5,465,890	India	Asia	2017	to improve the quality, utility, availability, and use of data and evidence by Odisha state government officials, ideally resulting in improved resource allocation and policy decisions that better address the needs of smallholder farmers
OPPGD610	Samaj Pragati Sahayog	NGO	150,000	India	Asia	2009	to build understanding of watershed issues critical to rain fed agriculture and the livelihoods of small scale farmers in India
OPP53469	Sasakawa Africa Association	NGO	7,145,573	Mexico	Latin America	2010	to implement a series of innovations in Ethiopia's extension system to improve the system's overall performance at a national-scale and generate productivity improvements for smallholders
INV-002919	Save the Children Federation, Inc.	NGO	6,042,902	United States	North America	2019	to strengthen the capacity of the Ethiopian Ministry of Agriculture to integrate nutrition into large-scale agriculture programs
OPP1097652	Send a Cow Rwanda	NGO	100,000	Rwanda	Africa	2013	to empower Rwandan women to make financial and domestic decisions by educating men and women on gender barriers and social behavior issues in order to stimulate the use of available energy-saving stoves for cooking, thereby saving time and labor.
OPP1008789	SNV USA	NGO	7,735,178	United States	North America	2011	to improve the livelihoods of smallholder farmers in sub-Saharan Africa, particularly women, by increasing their access to the structured demand market opportunities of national school feeding programs in Ghana, Kenya, and Mali
OPP1031130	SNV USA	NGO	3,472,806	United States	North America	2012	to strengthen the technical and managerial capacities of agricultural cooperatives in Ethiopia
OPP1107871	SNV USA	NGO	100,000	United States	North America	2014	to promote the coffee industry in Rwanda by facilitating communication between smallholder coffee producers and district coffee taskforces, which consider issues including production and market access, using smartphones and visual presentations.
OPP52468	Social Profit Network	NGO	294,671	United States	North America	2008	to support a study of low-cost milk sterilization
OPP1002474	Society for International Development	NGO	3,000	United States	North America	2009	for general operating support
OPPGD1304	Southern African NGO Network	NGO	1,699,822	South Africa	Africa	2010	to develop mobile phone applications that will help agricultural support organizations boost incomes of small-scale farmers and increase the effectiveness of selected agricultural development programs in Sub-Saharan Africa
OPP1191980	Stichting IDH Sustainable Trade Initiative	NGO	15,000,000	Netherlands	Europe	2018	to develop, test and scale inclusive and sustainable business models to serve smallholder farmers, supporting a systemic transformation in the service delivery market, and providing smallholder farmers with tailored service offerings to improve
OPP1012223	Syngros Institute, Inc	NGO	10,095,010	United States	North America	2011	to contribute to the Ethiopian Agricultural Transformation Agency (ATA) by supporting ATA's program delivery which aims to accelerate Ethiopia's agricultural development, grow the economy, and improve the livelihood of smallholder farmers
OPP1110230	Syngros Institute, Inc	NGO	10,061,631	United States	North America	2014	to provide organizational development and capacity building support to the Ethiopian Agricultural Transformation Agency and to the Ministry of Agriculture to advance Ethiopia's agricultural development
OPP1130409	Syngros Institute, Inc	NGO	7,394,287	United States	North America	2015	to improve the livelihoods and well-being of smallholder farmers in Nigeria by enhancing the capacity of state-level agricultural leaders and institutions to prioritize and deliver effective agricultural development interventions

OPP1154481	Synergos Institute, Inc	NGO	1,516,248	United States	North America	2016	to fund an evaluation and design of a proposed Nigerian entity to drive agricultural transformation to benefit smallholder farmers
OPP1157348	Synergos Institute, Inc	NGO	4,196,688	United States	North America	2016	to support the Nigerian Federal Ministry of Agriculture and Rural Development (FMARD) in implementing its agricultural development strategy
OPP1216832	Synergos Institute, Inc	NGO	2,478,021	United States	North America	2019	to strengthen the human resource system of the Ethiopian Ministry of Agriculture.
OPP52974	Tanager	NGO	4,075,918	United States	North America	2009	to use market force and technology to empower farmers to improve the well-being of their families and communities
OPP1115277	Tanager	NGO	10,338,113	United States	North America	2015	to improve the nutritional status of women and children in Burkina Faso through an integrated strategy that increases household poultry production and incomes, and empowers women in society, economy, and households
OPP1184297	Tanager	NGO	15,064,450	United States	North America	2018	to strengthen African institutions' ability to implement quality nutrition and gender approaches into their way of doing business and their agriculture interventions
INV-002883	Tanager	NGO	16,000,000	United States	North America	2020	to expand an integrated model for empowering women and improving nutrition through the poultry value chain in Burkina Faso
INV-004992	Tanager	NGO	1,500,000	United States	North America	2020	to help build an inclusive, collaborative ecosystem in Odisha that achieves increased profitability and sustainability of farmer collectives and improves income gains from agriculture for small-scale producers in a gender intentional way
OPP48714	TechnoServe, Inc.	NGO	885,901	United States	North America	2007	to conduct several key studies to better understand the coffee industries in East African countries
OPP52214	TechnoServe, Inc.	NGO	2,800,000	United States	North America	2008	to support capacity building
OPPGD1226	TechnoServe, Inc.	NGO	7,661,272	United States	North America	2009	to work with small farmers in Kenya and Uganda to increase the quality and quantity of mangoes and passion fruits and link them to fruit juice processing markets
OPP53472	TechnoServe, Inc.	NGO	132,139	United States	North America	2009	to develop a sustainable model to scale-up productivity and access for India soy farmers
OPPGD1113	TechnoServe, Inc.	NGO	8,049,230	United States	North America	2010	to link small-scale soy producers to industrial feed processors in Zambia and Mozambique
OPP1026264	TechnoServe, Inc.	NGO	18,000,000	United States	North America	2011	to increase the incomes of smallholder coffee farmers in East Africa through improved yields and value addition
OPP1105125	TechnoServe, Inc.	NGO	518,348	United States	North America	2014	to provide TechnoServe with General Operating funds to help support regional offices
OPP1111801	TechnoServe, Inc.	NGO	609,394	United States	North America	2014	to provide technical assistance to pilot and demonstrate the promotion of farmers producer organizations to strengthen their efforts of building agriculture based livelihoods
OPP1136682	TechnoServe, Inc.	NGO	977,410	United States	North America	2015	to improve smallholder farmers' fertilizer access as well as the economics underlying the lack of distribution
OPP1134830	TechnoServe, Inc.	NGO	1,649,542	United States	North America	2015	to test new methods for collecting outcome data associated with improving smallholder agricultural productivity
OPP1164000	TechnoServe, Inc.	NGO	200,000	United States	North America	2016	to develop strategies for two Agricultural Technology Demonstration Centers in Mozambique and Zambia to scale up their reach and become more financially sustainable over time
OPP1159391	TechnoServe, Inc.	NGO	4,848,735	United States	North America	2016	to develop farmer producer organization approaches to poverty alleviation for women smallholder farmers in Bihar
OPP1178181	TechnoServe, Inc.	NGO	5,000,000	United States	North America	2017	to improve the effectiveness of the Chinese funded Agricultural Technology Demonstration Centers (ATDCs) in Mozambique, and Zambia as technology and innovation hubs, making them key contributors to country led, inclusive agricultural trans
OPP52387	The Aspen Institute Inc	NGO	322,000	United States	North America	2009	to increase the amount and effectiveness of capital and technical assistance for entrepreneurs in developing countries
OPP1069375	The Aspen Institute Inc	NGO	3,993,646	United States	North America	2012	to support a communication fellowship program
OPP1137575	The Aspen Institute Inc	NGO	5,500,400	United States	North America	2015	to support the communications capacities of development experts and advocates through mentoring and training programs
OPP1088754	The Berry Center	NGO	180,000	United States	North America	2013	to provide general operating support
OPP51123	The Carter Center	NGO	399,888	United States	North America	2008	to support a smallholder agricultural extension project in Africa
OPP1194964	The CBCI Society for Medical Education	NGO	806,278	India	Asia	2018	to evaluate the linkages between production and consumption of nutrient dense food in Bihar
OPP51335	The Chicago Council on Global Affairs	NGO	999,030	United States	North America	2008	to support a project providing information to global leaders regarding international development
OPPGD1289	The Chicago Council on Global Affairs	NGO	475,000	United States	North America	2009	for general operating support
OPP1020703	The Chicago Council on Global Affairs	NGO	250,000	United States	North America	2010	to develop recommendations to better support the growth and development of adolescent girls working in the agriculture and food sectors in rural parts of Africa, Asia, Latin America, and the Caribbean
OPP1009277	The Chicago Council on Global Affairs	NGO	2,600,000	United States	North America	2010	to support the design, adoption, implementation, and accountability of U.S. policy for international agricultural development
OPP1082535	The Chicago Council on Global Affairs	NGO	3,000,000	United States	North America	2013	to support the design, adoption, implementation and accountability of U.S. policy for international agricultural development.
OPP1153254	The Chicago Council on Global Affairs	NGO	2,771,029	United States	North America	2016	to generate analysis and policy recommendations that demonstrate the rationale for sustained US and global leadership for nutrition sensitive agricultural development
INV-003628	The Chicago Council on Global Affairs	NGO	1,457,763	United States	North America	2019	To generate analysis and policy recommendations that support continued US leadership for agricultural development
OPP1010626	The Global Fund for Women, Inc.	NGO	1,569,923	United States	North America	2011	to strengthen community-based rural women's associations and networks in Africa
OPP50442	The Green Belt Movement International	NGO	110,000	United States	North America	2008	to provide a planning grant for community dam projects in semi-arid areas of Kenya
OPP50336	The McKnight Foundation	NGO	26,006,931	United States	North America	2008	to identify, support and facilitate the success of sets of crop research projects designed to overcome constraints to food and nutritional security in sub-Saharan Africa
OPP1022757	The McKnight Foundation	NGO	24,961,405	United States	North America	2013	to pilot a wide range of innovations under the broad theme of sustainable agro-ecological intensification and to build African national capacity in this area through a grant making program that is co-funded at 53% by the McKnight Foundation

OPP1097517	The Smallholders Foundation	NGO	100,000	Nigeria	Africa	2013	to save labor costs associated with processing cassava, a major staple food grown by women smallholder farmers, by improving and testing their Box in a Truck design for extending the lifespan of harvested cassava.
OPPGD1147	The Southern African Confederation of Agricultural Unions	NGO	4,348,368	South Africa	Africa	2010	to increase the incomes of smallholder farmers in Southern Africa by strengthening Farmers' Organizations and increasing their smallholder membership
OPP1083386	The Southern African Confederation of Agricultural Unions	NGO	1,480,635	South Africa	Africa	2013	to demonstrate the effectiveness and potential for wider replication of an electronic farmer management system that enhances the market position of large numbers of smallholder farmers and improves the performance of farmers' organizations
OPP49300	The World Food Prize Foundation	NGO	60,000	United States	North America	2007	to support the 2007 Norman E. Borlaug International Symposium
OPP51939	The World Food Prize Foundation	NGO	285,000	United States	North America	2008	to support the 2008 Norman E. Borlaug International Symposium
OPP1003421	The World Food Prize Foundation	NGO	500,000	United States	North America	2009	to support the 2009 Borlaug Dialogue symposium
OPP1007997	The World Food Prize Foundation	NGO	600,000	United States	North America	2010	to support an annual multi-day international forum on issues of food security and agricultural development
INV-002929	Tony Blair Institute for Global Change	NGO	5,000,000	United Kingdom	Europe	2019	to support the installation and governance of a new agriculture coordination hub located in the Office of the Nigerian Vice President, to guide and support the implementation of two pilot programs
INV-002802	Tony Blair Institute for Global Change	NGO	3,472,939	United Kingdom	Europe	2019	to support the design and operation of a multi-sector implementation unit in the Office of the President in Burkina Faso.
OPP1216482	Transforming Rural India Foundation	NGO	3,676,946	India	Asia	2019	This investment will be used to provide Technical Assistance to National and select State Missions of National Rural Livelihoods Mission to accelerate their efforts of health, nutrition and agriculture integration with SHGs platform
OPP1146928	Trust for Advancement of Agricultural Sciences	NGO	10,000	India	Asia	2015	to support a conference to facilitate a dialogue in India on innovative agricultural extension systems for smallholder farmers' empowerment and welfare
OPP1007985	TrustAfrica	NGO	1,826,149	Senegal	Africa	2009	to establish a small grants facility for African advocates in the area of agricultural development
OPP1109369	TrustAfrica	NGO	4,928,028	Senegal	Africa	2014	to support a stronger community of advocates for better agricultural policies and improved allocations to support smallholder farmers, especially women
OPP1110029	Utviklingsfondet	NGO	767,988	Norway	Europe	2014	to identify best practice and provide pragmatic suggestions on how Norway can maximize the effectiveness and efficiency of its investments in agriculture to reduce poverty, hunger and malnutrition in the developing world
OPP1083375	Vita	NGO	100,000	Ireland	Europe	2013	To save operating times and costs of cooking in Ethiopia by developing a sustainable financial and social model to locally produce and implement more efficient cooking stoves.
OPP1119556	Vredeseilanden	NGO	100,000	Belgium	Europe	2014	to capture and organize feedback from smallholder farmers on inclusion in modern markets by utilizing pattern detection software (SenseMaker) to produce quantitative data that can be easily queried by development program managers
OPP1130271	Vrutti	NGO	35,968	India	Asia	2015	to conduct formative research in the State of Madhya Pradesh, India on the effect of agricultural income seasonality on the health of pregnant women and infant children, the results will be used to design interventions that can help households reduce seasonal health vulnerabilities
OPP1082621	Welthungerhilfe	NGO	1,187,667	Germany	Europe	2013	to hold the German government accountable to agriculture overseas development aid commitments and build public support for agriculture investments
OPP1149521	Welthungerhilfe	NGO	2,159,839	Germany	Europe	2016	to increase the quality of German development policies and programs in the field of food and nutrition security, as well as the public funding (ODA) for this purpose
INV-003261	Welthungerhilfe	NGO	1,499,999	Germany	Europe	2020	to increase the quality of German development policies and programs in the field of food and nutrition security, as well as the public funding (ODA) for this purpose
OPP48041	Winrock International	NGO	250,785	United States	North America	2007	to collect and disseminate cutting-edge global designs for community ownership of food enterprises
OPP51655	Women Thrive Worldwide	NGO	1,518,891	United States	North America	2008	to support gender integration in African agriculture
OPP52357	Women Thrive Worldwide	NGO	60,858	United States	North America	2008	to support a conference on gender integration development
INV-002844	World Economic Forum	NGO	729,765	Switzerland	Europe	2020	to support a national policy platform for ag innovation and value chain development
OPP1017061	World Faiths Development Dialogue International Inc.	NGO	85,120	United States	North America	2010	to enhance the understanding of non-traditional actors, such as faith-inspired organizations, in agricultural development
INV-023477	World Food Prize Foundation	NGO	45,084	United States	North America	2020	to promote South Asia regional expansion of the International Borlaug Dialogue, hosted annually by World Food Prize
OPP1156530	World Poultry Foundation	NGO	26,004,423	United States	North America	2016	to support a women-centered integrated delivery of more-productive and appropriate chicken genetics and associated feed, vaccines, and technical support to empower rural women in order to increase poultry production and productivity, increa
OPP1002864	World Resources Institute	NGO	570,669	United States	North America	2009	to strengthen property rights in Kenya, Uganda, Tanzania, Mozambique, Ghana and Mali
OPP1031060	World Resources Institute	NGO	1,320,000	United States	North America	2011	to develop an educational online resource on land and natural resource property rights in Africa
OPP1155977	World Resources Institute	NGO	2,100,000	United States	North America	2016	to conduct research on transformative approaches to adaptation in the agriculture sector, and to use the resulting knowledge to inform global climate finance policies and programming
OPP1214611	World Resources Institute	NGO	1,000,000	United States	North America	2019	to provide for general operating support
OPP1060607	World University Service of Canada	NGO	2,134,386	Canada	North America	2012	to build on a successful pilot in Ethiopia using the proven technology of radio communications to scale up the adoption of at least 15 technologies to reach 20 million smallholder farmers
OPP1010074	World University Service of Canada	NGO	1,605,835	Canada	North America	2012	to collaborate with radio stations and national champions in West Africa to produce radio programs that will increase production and consumption of orange-fleshed sweetpotato thus enhancing vitamin A sufficiency and improved household nutrition

OPP1104769	World University Service of Canada	NGO	331,780	Canada	North America	2014	to research, design and test new models for using Radio 2.0 to create a Listening Post (LP) Service that will meet the listening needs of a wide variety of stakeholders, from grantmakers to extension services, farmers' organizations to research institutions
OPP45238	World Vision	NGO	6,411,770	United States	North America	2008	to establish a competitive and sustainable value chain for potatoes, onions, and carrots in the central highlands of post-war Angola, thereby increasing the income of smallholder farmers
OPP51457	Worldwatch Institute	NGO	1,325,613	United States	North America	2009	to evaluate environmentally sustainable and innovative solutions to reduce global hunger and rural poverty through the 2011 State of the World Report
OPP1082413	Université Félix Houphouët-Boigny	University	6,748,064	Côte d'Ivoire	Africa	2014	to increase the productivity and sustainability of root and tuber crops in farmers' fields across West Africa through improved understanding and coordinated management of virus disease threats
OPP1212261	Université Félix Houphouët-Boigny	University	9,200,001	Côte d'Ivoire	Africa	2019	to catalyze sustainable protection and productivity growth of root and tuber crops in West and Central Africa, through improved understanding and coordinated management of viral disease threats
OPP1097549	Ahmadu Bello University	University	100,000	Nigeria	Africa	2013	to aid female farmers in Nigeria by producing a mini participatory reality TV show with incentives for public voting to educate females in the use of draught animals for farming practices and increase cultural acceptance.
OPP1131397	Ahmadu Bello University	University	486,732	Nigeria	Africa	2015	to discover and use genetic markers to breed cowpea varieties with early maturity, low soil phosphorus tolerance and high yield to enable modern breeding of improved cowpeas for small holder farmers
OPP1068382	Arizona State University	University	100,000	United States	North America	2012	to develop live bacterial-based contraceptive vaccines that deliver testis- and sperm-specific antigens to sterilize rodent populations that destroy food crops.
OPP1052635	Arizona State University Foundation for A New American University	University	2,799,440	United States	North America	2012	to improve the productivity of chickens in Uganda
OPPGD1314	Association of Public and Land-Grant Universities	University	200,273	United States	North America	2009	to strengthen the capacity of Sub-Saharan African higher education institutions to contribute more effectively to long-term development through partnerships with U.S. institutions
OPP1131414	Bowen University	University	498,080	Nigeria	Africa	2015	to identify indicators that can be used in characterizing food quality traits by public yam breeding programs in order to develop varieties preferred by consumers with superior taste and culinary properties
OPPGD1528	Center for Development Research at the University of Bonn	University	450,300	Germany	Europe	2010	to design strategies for livelihood improvement in marginal environments
OPP1038686	Center for Development Research at the University of Bonn	University	1,415,344	Germany	Europe	2011	to promote innovations that foster agricultural productivity and rural economic development to all groups of the poor by better matching technology needs and adoption potential of different groups with new agricultural technology characteristics
OPP1107887	Centre for Remote Sensing and Geographic Information Services	University	100,000	Ghana	Africa	2014	to facilitate agricultural project development and farm productivity by developing an integrated system using existing technologies to gain feedback from smallholder farmers on agricultural projects that can then be analyzed by stakeholders.
OPP1086645	Charles Sturt University	University	100,000	Australia	Oceania	2013	to increase milk production in Pakistani dairy buffaloes by testing a device that enables the controlled internal release of progesterone to induce pregnancy and thereby reduce the long calving interval.
OPP51543	China Agricultural University	University	235,948	China	Asia	2009	to support a conference on agricultural development in Africa
OPP1088557	China Agricultural University	University	1,321,505	China	Asia	2013	to improve the livelihoods of smallholder and poor farmers in South Asia, sub-Saharan Africa and China through developing and disseminating a long-acting injectable suspension of ivermectin (LA-IVM) to control parasites in ruminant livestock
OPP1209192	China Agricultural University	University	150,000	China	Asia	2018	to support the Science and Technology Backyard model for developing innovative solutions to improve seed, agronomy, fertilizer, transgenic, market and rural advisory systems.
OPP1085982	Columbia Global Center - Africa	University	4,902,237	Kenya	Africa	2013	to expand the effective use of scientific information to ensure that Africa's soil and landscape resources are described, understood and used effectively to help sustainably raise agricultural productivity
OPP1025793	Columbia University	University	50,000	United States	North America	2010	to support the Earth Institute's International Nitrogen Conference
OPP1156815	Columbia University	University	25,000	United States	North America	2016	to provide an analytic basis for confident planning and actions for agricultural adaptation and transformation
OPP48389	Cornell University	University	963,261	United States	North America	2007	to support the exploration of alternative information and educational technologies to deliver a current and locally tailored agricultural curriculum for African and Asian agricultural education, extension and outreach to smallholder producers
OPP49767	Cornell University	University	26,680,893	United States	North America	2008	to develop improved rust resistant wheat varieties to protect resource-poor farmers
OPP53006	Cornell University	University	2,119,433	United States	North America	2009	to promote curriculum enhancement, improved research and extension quality of scientific agricultural literature used by faculty and students in agricultural colleges and universities in sub-Saharan Africa
OPP1011903	Cornell University	University	496,100	United States	North America	2010	to understand political economy determinants of food policy decisions
OPP1016384	Cornell University	University	3,138,514	United States	North America	2011	To support increasingly efficient breeding methods for public good in wheat and maize improvement programs
OPPGD1389	Cornell University	University	25,084,638	United States	North America	2011	to develop improved rust disease-resistant wheat varieties to protect resource-poor farmers
OPP1068482	Cornell University	University	100,000	United States	North America	2012	to uncover genetic targets in plants that interact with specific structures buried within the RNA of viral genomes to allow viruses to replicate and cause disease in food crops.
OPP1048542	Cornell University	University	21,279,144	United States	North America	2012	to increase dramatically the rate of improvement for the staple root crop cassava, beginning by strengthening conventional breeding programs in Nigeria and Uganda by hastening the time to flower and improving the seed set of cassava
OPP1060645	Cornell University	University	192,102	United States	North America	2012	to provide a better understanding of the impacts of high oil prices on African agricultural productivity and food security and ways to assess and mitigate those impacts
OPP1087919	Cornell University	University	1,234,931	United States	North America	2013	To test digital approaches to detect and model the effects of novel mutations in cassava, with a view to improving the accuracy of genomic selection predictions in cassava breeding

OPP1086185	Cornell University	University	5,356,175	United States	North America	2013	to improve the effectiveness of agricultural research, extension, policy and education through enhanced access to and effective use of the international and local agricultural knowledge-base
OPP1093167	Cornell University	University	18,498,113	United States	North America	2014	to facilitate the routine use of genomic data in public plant breeding programs serving smallholder farmers with a focus on poverty alleviation and food security for the poor
OPP1105776	Cornell University	University	5,591,694	United States	North America	2014	to support a global agricultural communications platform that will improve understanding of science-based agricultural technologies
OPP1135615	Cornell University	University	4,999,967	United States	North America	2015	to deliver evidence-based gender training for agricultural researchers in sub-Saharan Africa, developing a cadre of researchers who implement gender-responsive strategies to develop better solutions for smallholder farmers, women and men
OPP1133903	Cornell University	University	71,772	United States	North America	2015	to enable agricultural and livelihood development stakeholders, including the agricultural philanthropic community, to develop clear strategies grounded in the latest empirical evidence and findings from the field in order to best leverage our resources for farm and household-level impact
OPP1138946	Cornell University	University	2,999,778	United States	North America	2015	to provide African researchers with the tools and skills that they need to collaborate with partners, share and publish their findings and data, and efficiently manage their research, in order to increase the impact of the work being done t
OPP1133199	Cornell University	University	24,000,000	United States	North America	2015	to increase the rate of genetic gain and systematically reduce the world's vulnerability to wheat diseases, heat and drought stress, benefiting smallholder wheat farmers and consumers in East Africa and South Asia
OPP1137807	Cornell University	University	13,464,674	United States	North America	2015	to enhance the rural poor's year round access to affordable food quality by assisting in the design of ongoing and future agricultural projects, programs and policies
OPP1159867	Cornell University	University	1,499,786	United States	North America	2016	to develop an efficient medium density genotyping assay that can accelerate plant and animal breeding efforts focused on providing a more stable and nutritious food supply throughout the developing world
OPP1164455	Cornell University	University	467,365	United States	North America	2016	to fund the site maintenance, content updates and marketing for AgriKnowledge, a publicly available online library that provides easy, searchable access to analyses, reports and research
OPP1174937	Cornell University	University	604,027	United States	North America	2017	to build expert consensus, including an issue of a peer-reviewed journal, around key agricultural interventions to achieve SDG 2.3
OPP1175661	Cornell University	University	29,999,458	United States	North America	2017	to develop efficient cassava breeding programs with accelerated genetic gains, leading to the release of improved cassava cultivars that meet the agronomic and end-user needs of smallholder farmers in Africa and increase agricultural produc
OPP1155626	Cornell University	University	4,995,639	United States	North America	2017	to generate evidence quantifying the causal role of aflatoxin ingestion on post-natal growth
OPP1173768	Cornell University	University	7,435,454	United States	North America	2017	to support a global communications platform that will improve understanding of science-based agricultural technologies
OPP1216477	Cornell University	University	399,944	United States	North America	2019	to develop and pilot market relevant revised curriculum in three Indian State Agricultural Universities and assist Indian Council for Agricultural Research in future curriculum reform
INV-005049	Cornell University	University	196,707	United States	North America	2020	to summarize and synthesize the available evidence linking digital agricultural services to small scale producer outcomes
INV-016092	Cornell University	University	9,933,123	United States	North America	2020	To strengthen the only global communications platform that aims to elevate pro-science voices on agricultural technologies.
OPP50684	Dakota Wesleyan University	University	25,000	United States	North America	2008	to support an agricultural conference
OPP1086991	Eduardo Mondlane University	University	100,000	Mozambique	Africa	2013	To increase rice production in women-run smallholder farms by establishing ducks and azolla plants as environmentally friendly alternatives to fertilizers, insecticides and herbicides.
OPP1060246	Egerton University	University	100,000	Kenya	Africa	2012	to develop a simple, cost-effective, solar-powered grain drying unit for prevention of aflatoxin contamination in stored grain.
OPP1210781	Emory University	University	575,505	United States	North America	2019	to review and identify best practices of nutrition social behavior change communication interventions delivered through agricultural platforms
OPP1088642	ETH Zurich	University	3,794,686	Switzerland	Europe	2013	to develop cassava varieties for Nigerian farmers that are compatible with a modern and appropriate integrated weed management system
OPP1194889	ETH Zurich	University	3,991,879	Switzerland	Europe	2018	to identify the cassava CMD2 gene and its function in resistance to geminiviruses.
OPP1112617	Federal University of Agriculture, Abeokuta	University	393,140	Nigeria	Africa	2014	To create stable parental populations of improved high-productive chicken lines for subsequent multiplication and use in low-input production systems by smallholders in West Africa.
OPP1113365	Friedrich-Alexander-University Erlangen-Nuremberg	University	9,887,588	Germany	Europe	2014	to develop high yielding cassava plants by transferring current knowledge from other crop plants to cassava and by building a cassava-specific knowledgebase (metabolites, transcripts, proteins and carbon-fluxes) which will be used to develope
INV-003626	Friedrich-Alexander-University Erlangen-Nuremberg	University	15,008,470	Germany	Europe	2019	to develop high yielding cassava genotypes by genetic engineering and supporting advanced breeding strategies
OPP50233	Ghent University	University	198,206	Belgium	Europe	2008	to support the Global Cassava Partnership Conference
OPP1001752	Global Business School Network	University	25,000	United States	North America	2009	to support a conference to frame a new initiative and provide direction to promote agribusinesses in Africa through the business schools in the Global Business School Network
OPP1012219	Global Business School Network	University	182,205	United States	North America	2010	to support a consortium of African business schools in developing a plan to increase their course offerings and programs aimed at the agriculture and health sectors
OPP1112536	Gulu University	University	499,928	Uganda	Africa	2014	to characterize sweet potato viruses in East Africa using next generation sequencing tools and to develop simple, low-cost paper-based diagnostic assays suited to resource-limited setting of Africa for effective disease management, control, production of virus-free planting materials, leading to increased crop yield and improved food security of smallholder farmers

OPP1097635	Hampshire College	University	100,000	United States	North America	2013	to increase the yield of pearl millet, which is a staple crop in sub-Saharan Africa, by developing a cheap and simple threshing machine to help women smallholder farmers more easily and carefully extract the edible grains.
OPP1098855	Harvard University	University	100,000	United States	North America	2013	to better measure the economic burden of disease by developing a combined metric to incorporate disease impact on the health of both human and livestock systems.
OPP1155704	Heinrich Heine University	University	11,396,996	Germany	Europe	2017	to develop broad-spectrum blight resistant rice lines for subsistence farmers in India and Africa
INV-004365	Hiroshima University	University	2,730,675	Japan	Asia	2020	to provide smallholder dairy farmers access to highly-productive and well-adapted cows and buffaloes to increase their income
OPP1060234	Hokkaido University Catalysis Research Center	University	100,000	Japan	Asia	2012	to develop photoactive materials with antiseptic and antifungal properties for a new coating that can be used on food storage containers
OPPGD1138	Imperial College London	University	16,529,688	United Kingdom	Europe	2009	to support the delivery of cost-effective school feeding programs in Africa that promotes local agriculture and benefit small-holder farmers
OPP1009271	Imperial College London	University	2,692,835	United Kingdom	Europe	2010	to enable the UK, French, and European Commission governments to provide more effective agricultural development support for smallholder farmers in sub-Saharan Africa
OPP1082552	Imperial College London	University	1,894,953	United Kingdom	Europe	2013	to support high level advocacy to critical EU donors to promote smallholder agriculture and resilience as primary approach to agriculture development investment
OPP1119566	Imperial College London	University	98,934	United Kingdom	Europe	2014	to provide a new market for local farmers in Kenya by developing a mobile phone-based platform that advertises tenders from schools for the home grown school meals programs
OPP1113276	Imperial College London	University	74,433	United Kingdom	Europe	2014	to disseminate lessons and best practices to improve performance of agricultural structured demand programs to key stakeholders including smallholder farmers, donors and other partners
INV-017879	Indian Institute of Science	University	1,495,814	India	Asia	2020	to develop voice-based interfaces for mobile digital technologies that include the languages, dialects and accents of rural and low income populations
OPP1140024	INSEAD North America	University	753,080	United States	North America	2015	to synthesize disparate sources of agricultural and rural development information, and consolidate them into a central repository that allows the creation of numerous services appropriately targeting information service providers (academics)
OPP1193397	Institute for European Environmental Policy	University	1,076,778	Belgium	Europe	2018	to provide research evidence for increased support to agricultural R&D in the EU, in order to set the pathway to more sustainable food systems in Europe and beyond
OPP1082727	Institute of Statistical, Social and Economic Research	University	1,413,628	Ghana	Africa	2013	to support the institutional capacity of ISSER, help it achieve its goals and contribute to it becoming an important regional hub for MLE within the Agricultural Learning and Impacts Network (ALIne) initiative
OPP52816	Iowa State University	University	283,815	United States	North America	2009	to develop a public access network of African agricultural professionals in the diaspora as a resource to spark the transfer of knowledge, innovation, technical assistance, and entrepreneurialism between expatriates and their African colleagues
OPPGD1316	Iowa State University	University	1,087,351	United States	North America	2010	to support implementation of policy changes aimed at increasing the supply and access to seed of improved varieties across selected countries in sub-Saharan Africa to enhance productivity on small farms
OPP1087071	Iowa State University	University	95,619	United States	North America	2013	To save labor and time for smallholder women farmers in Uganda by designing and evaluating a simple, portable, hand-operated seed cleaner, which also enhances grain quality.
OPP1131327	Iowa State University	University	750,000	United States	North America	2015	to build capacity of African graduate programs to apply e-curriculum effectively, and to support the faculty of three African universities in improving their effectiveness in training plant breeders to manage cultivar development programs t
OPP1211308	Iowa State University	University	1,500,000	United States	North America	2019	to build an innovative digital learning platform in collaboration with developed and developing country Veterinary Education Establishments for educational resources aligned with to the OIE Day 1 Competencies and Core Curriculum and work wi
OPP1112519	Jimma University	University	499,950	Ethiopia	Africa	2014	To enhance the drought tolerance of Ethiopian sorghum germplasm.
OPP53082	Johns Hopkins University	University	152,243	United States	North America	2009	to provide a forum to discuss current challenges, technological developments and potential future collaborations to develop sustainable and transferrable solutions to the pressing issues related to water and agriculture
OPP1003687	Jomo Kenyatta University of Agriculture and Technology	University	150,460	Kenya	Africa	2009	to support a conference exploring effective agricultural models that transform the lives of poor resource farmers and other stakeholders in the agricultural value chain by addressing ways of developing engagements that focus issues at all levels
OPP1058537	Jomo Kenyatta University of Agriculture and Technology	University	100,000	Kenya	Africa	2012	to prevent aflatoxin contamination in maize by introducing RNA interference of key enzymes that enable fungi to synthesize aflatoxin.
OPP53076	Kansas State University	University	482,126	United States	North America	2009	to support a study to understand the impact of water efficient maize varieties on smallholders in Africa
OPP1071830	Kansas State University	University	1,670,504	United States	North America	2013	to analyze comprehensively the interaction between many hundreds of genes in a crop plant and infecting fungal disease, with the goal of generating new resources to protect farmers from crop losses
INV-004430	Kansas State University	University	3,393,955	United States	North America	2020	to develop novel approaches and products to control plant diseases
OPP1112531	Kebbi State University of Science and Technology, Aliero	University	499,726	Nigeria	Africa	2014	to increase food security and economic development of farmers in northern Nigeria by reducing the threat of cassava virus diseases by developing local capacity by setting up a molecular laboratory for cassava disease diagnosis in the region, training researchers, extension workers and quarantine officials for preventing the introduction of Cassava Brown Streak Disease (CBSD) to the region, and screening cassava germplasm for resistance to control severe forms of Cassava Mosaic Disease (CMD)
OPP1131485	Kebbi State University of Science and Technology, Aliero	University	499,560	Nigeria	Africa	2015	to increase collective knowledge and understanding of yam badnaviruses, their vectors and transmission and to strengthen diagnostic research capacity at Kebbi State University in northwest Nigeria

OPP1136424	King Abdullah University of Science and Technology	University	1,489,829	Saudi Arabia	Asia	2015	to significantly increase pearl millet productivity, by providing knowledge and alternative Striga control strategy, which will enhance smallholder farmers food and nutritional security in Striga-prone regions
OPP1194472	King Abdullah University of Science and Technology	University	4,999,958	Saudi Arabia	Asia	2018	To significantly increase pearl millet productivity and to improve food security and economic conditions of sub-Saharan African smallholder farmers by alleviating Striga infestation through reduction of accumulated Striga seedbank in infest
OPP1136656	London School of Hygiene and Tropical Medicine	University	1,098,049	United Kingdom	Europe	2015	to assess the impact and cost-effectiveness of a novel, multisectoral agriculture and nutrition program to improve maternal and child nutrition in India
OPP1195627	London School of Hygiene and Tropical Medicine	University	750,000	United Kingdom	Europe	2018	to increase equitable consumption of safe, affordable, diverse diets year-round through its research on reducing foodborne pathogens in urban and peri-urban Maputo, Mozambique and Nairobi, Kenya
OPP1199599	London School of Hygiene and Tropical Medicine	University	2,837,062	United Kingdom	Europe	2019	to deliver validated and harmonized food systems methods and metrics, synthesize and facilitate uptake of interdisciplinary agriculture-nutrition-health research to inform policies and programs in agriculture for improved health and nutrition
OPP1112548	Makerere University	University	493,396	Uganda	Africa	2014	to promote sustainable agricultural livelihoods of smallholder farmers in East Africa through improved techniques for diagnosis, surveillance and modeling of viral crop diseases in cassava
OPP1112152	Makerere University	University	499,567	Uganda	Africa	2014	to understand the mechanism of reversion in sweetpotato from virus infected to healthy, which occurs at a high frequency in some cultivars of sweetpotato in East Africa, is a heritable characteristic and an opportunity to enable cheap and sustainable seed distribution schemes in subsistence farming systems
OPPGD1211	Massachusetts Institute of Technology	University	393,700	United States	North America	2009	to improve the chemistry of nitrogen catalysts
OPP52811	Massachusetts Institute of Technology	University	5,772,571	United States	North America	2009	to develop and rigorously test programs that improve adoption and profitable use of agricultural technology by small-scale farmers in Sub-Saharan Africa and South Asia
OPP1083988	Massachusetts Institute of Technology	University	104,308	United States	North America	2013	to provide conference support for the Agricultural Technology Adoption Initiative Conference Series
OPP1136638	Massachusetts Institute of Technology	University	970,344	United States	North America	2015	to develop a single-injection delayed-release T-solium (swine tapeworm) vaccine that would require a one-time access to facilitate control programs in the Developing World
OPP1195002	Massachusetts Institute of Technology	University	4,593,784	United States	North America	2018	to provide the rigorous evidence base needed to advance policies and investments seeking to foster agricultural transformation in Sub-Saharan Africa and South Asia, and to facilitate the use of that evidence by policymakers
INV-005878	Massachusetts Institute of Technology	University	1,455,724	United States	North America	2020	to provide rigorous evaluation of the JSPVAT technical support partnership with the Government of Bihar via JEEVKA
OPP49404	Michigan State University	University	1,498,485	United States	North America	2007	to undertake a consultation, design, and training process to develop an African Biosafety Center of Expertise to serve the needs of African regulators of agricultural biotechnologies
OPP51352	Michigan State University	University	4,450,484	United States	North America	2008	to support a project identifying strategic opportunities for promoting incomes and food security
OPP49404_01	Michigan State University	University	13,294,412	United States	North America	2009	to create a center in Africa that provides training, education, and technical support for African regulators to make informed decisions on how to use biotechnology while protecting farmers, consumers, and the environment
OPPGD1025	Michigan State University	University	1,440,578	United States	North America	2009	to develop open education resources to improve curricula at the MSc level in Africa
OPP1039151	Michigan State University	University	7,815,486	United States	North America	2012	to support a project identifying strategic opportunities for promoting incomes and food security
OPP1076311	Michigan State University	University	1,492,831	United States	North America	2013	to evaluate the potential of perennial grain crops for African smallholder farmer systems
OPP1082463	Michigan State University	University	1,454,063	United States	North America	2014	to develop a prototype precision Integrated Pest Management (IPM) platform for the control of major cowpea pests in West Africa that will lay the foundation for the doubling of cowpea yields by smallholder farmers
OPPGD1406	Michigan State University	University	12,224,712	United States	North America	2014	to help African governments build functional regulatory systems for biotech crops, helping them to make science-based decisions that enhance agricultural productivity while protecting human health and the environment
OPP1133906	Michigan State University	University	308,701	United States	North America	2015	to provide evidence and integrated analysis that can guide the development of programs and policies to improve the welfare of African smallholder farmers and consumers
OPP1135403	Michigan State University	University	49,995	United States	North America	2015	to support the gathering of legume researchers from Africa and internationally to share research findings, discuss agriculture sector development challenges, consider solutions and opportunities for collaboration in pulse/grain legume research for a better future
OPP1142801	Michigan State University	University	4,102,487	United States	North America	2016	to conduct feeding trials in cattle and buffalos to demonstrate the utility and impact of AFEX feed on cow productivity, milk composition, and quality in India to reduce the seasonality in access to quality feed helping small-holder farmers
OPP1018454	Middlesex University	University	357,624	United Kingdom	Europe	2010	to research the role of floodplain community based organizations in coping with risk
OPP1060168	Mississippi State University	University	98,577	United States	North America	2012	to develop portable and cost effective technology to rapidly detect aflatoxin contamination in whole maize ears in rural areas of developing countries.
OPP1097731	Montana State University Bozeman	University	100,000	United States	North America	2013	to increase crop yield for women smallholder farmers by field-testing their developed fungal strain as an easily distributable and safe biological control method for eliminating the parasitic weed Striga, which inhibits crop growth.
OPP1087104	Muni University	University	100,000	Uganda	Africa	2013	To promote widespread adoption of a small seeds planter that saves time and labor, and increases yield for smallholder women farmers in Uganda by running full-scale field trials of workshops, demonstrations and radio presentations.
OPP50879	National Association of State Universities and Land-Grant Colleges	University	100,000	United States	North America	2008	to establish an organizational structure for grantmaking in support of tertiary education in Africa, particularly for agriculture
OPP1087084	National University of Ireland Galway	University	100,000	Ireland	Europe	2013	To enable women smallholder farmers in Tanzania to design and develop their own labor-saving agricultural tools for local manufacturing.
OPP1060273	North Carolina State University	University	100,000	United States	North America	2012	to develop a biodegradable cellulose matrix platform comprising active ingredients that can be used for seed treatment.

OPP1052983	North Carolina State University	University	13,900,896	United States	North America	2014	to develop modern genomic, genetic, and bioinformatics tools to facilitate crop improvement and improve genetic gains in sweet potato, an important food security and cash crop with highly recognized potential to alleviate hunger, vitamin A
OPP1149990	North Carolina State University	University	2,149,624	United States	North America	2016	to characterize novel DNA sequences that enhance or confer resistance to Cassava Mosaic Disease, identify new sources of resistance, and provide training for Tanzanian pre-doctoral and postdoctoral scientists
OPP1196989	North Carolina State University	University	2,467,316	United States	North America	2018	to validate a sustainable, affordable platform technology for crop protection from soil borne pathogens and pests for smallholder farmers in sub-Saharan Africa
OPP1154181	Obafemi Awolowo University	University	1,499,998	Nigeria	Africa	2016	to establish a baseline household and crop adoption data to guide policy making and philanthropic investments in Nigeria
OPP1195603	Ohio State University	University	917,000	United States	North America	2018	to efficiently and sustainably reduce food borne disease mortality and morbidity by developing and implementing a risk-based framework for food safety management and resource allocation in low and middle income countries
OPP1067940	Oregon State University	University	100,000	United States	North America	2012	to develop rice plants that accumulate higher levels of thiamine (vitamin B1) to test the theory that boosting thiamine enhances the plant's resistance to disease.
OPP1193805	Peking University	University	956,548	China	Asia	2018	To identify and prioritize opportunities for engaging African smallholder farmers in agricultural trade with China
OPP1058235	Penn State	University	100,000	United States	North America	2012	to produce plants expressing RNAi designed to sterilize ant queens in an effort to reduce populations of ants that act as bodyguards to the aphids that damage plant crops.
OPP1176950	Penn State	University	6,892,554	United States	North America	2017	to accelerate bovine tuberculosis control in developing countries
INV-018429	Penn State	University	1,100,000	United States	North America	2020	to develop accurate predictive models for crop pest and disease occurrence, utilizing multiple data sources at different scales
OPP45818	Purdue University	University	12,019,165	United States	North America	2007	to increase regional trade and raise farm income with non-chemical, hermetic storage for cowpea grain
OPP1006216	Purdue University	University	4,992,837	United States	North America	2011	to improve the livelihoods of sorghum farmers in Ethiopia and Tanzania through increased crop yields by developing, promoting, and deploying Striga control in a participatory and value chain approach in partnerships with key stakeholders
OPP1009185	Purdue University	University	1,391,163	United States	North America	2011	to validate scientifically the applicability of this hermetic storage technology to agricultural commodities other than cowpea
OPP1052924	Purdue University	University	1,000,000	United States	North America	2012	to develop a genetic and genomic resource that enables a better understanding of the phenotypic variation that will assist sorghum researchers to translate such knowledge into practical applications in sorghum improvement
OPP1114819	Purdue University	University	297,730	United States	North America	2014	to develop an effective bird deterrent that relies on a naturally occurring metabolite, methyl anthranilate (MA), produced by the sorghum plant and proven to repel bird pests such as the red-billed quelea
OPP1110549	Purdue University	University	443,847	United States	North America	2014	to increase the productivity and incomes of poor farmers by facilitating the growth of the input and output markets associated with sorghum and millet in the Sahel
OPP1038622	Purdue University	University	10,072,080	United States	North America	2014	to increase the use of hermetic storage technologies by 20% of grain stored on-farm in target countries, thereby reducing cereal and legume grain post-harvest losses and so increasing incomes and improving food security of smallholder farms
OPP1174896	Purdue University	University	4,984,153	United States	North America	2017	to strengthen the hybrid sorghum research and seed program in Ethiopia for capability to develop and commercialize drought and Striga tolerant sorghum hybrids by public, parastatal, and private agencies, towards raising income, food security
OPP1131765	Pwani University	University	499,928	Kenya	Africa	2015	to develop essential genetic and genomics resources and knowledge that will help accelerate targeted improvement of finger millet for blast resistance
OPP1068431	Queen's University Belfast	University	100,000	United Kingdom	Europe	2012	to engineer crop plant roots to secrete specific neuropeptides that interfere with nematode development to help reduce crop losses.
OPP1030916	Queensland University of Technology	University	499,000	Australia	Oceania	2011	for general operating support to strengthen CAMBIA's programs
OPPGD1385	Queensland University of Technology	University	3,894,691	Australia	Oceania	2012	to develop East African Highland Bananas with significantly increased levels of pro-vitamin A and iron to help address the problem of micronutrient malnutrition in Uganda
OPP1104285	Queensland University of Technology	University	1,627,719	Australia	Oceania	2013	to create and use a shared, global platform to aggregate and integrate innovation knowledge as a public good
OPP1087428	Queensland University of Technology	University	3,967,750	Australia	Oceania	2014	to increase smallholder production of the staple crop, bananas, through the development of locally accepted cultivars resistant to the devastating disease, banana bunchy top disease
OPP1178822	Queensland University of Technology	University	3,340,515	Australia	Oceania	2017	to develop farmer- and consumer-acceptable cooking bananas with significantly increased fruit levels of bioavailable pro-vitamin A for alleviating vitamin A deficiency in Uganda and potentially in surrounding countries
OPP50368	Regional Universities Forum for Capacity Building in Agriculture	University	14,195,431	Uganda	Africa	2009	to support improved agricultural productivity & wealth creation among rural communities in Africa through networking, advocacy and resource mobilization for university research, training and outreach
OPP1092230	Regional Universities Forum for Capacity Building in Agriculture	University	18,732,347	Uganda	Africa	2013	to support improved agricultural productivity and wealth creation by developing effective agricultural universities with graduates dedicated to improving rural livelihoods and by promoting research relevant to smallholder farmers in Africa
OPP1059130	Rice University	University	100,000	United States	North America	2012	to use light entrainment of plant circadian rhythms and mechanical perturbation to enhance crop biotic stress resistance.
OPP1108062	Rockefeller University	University	100,000	United States	North America	2014	to improve treatment of African trypanosomiasis in humans and cattle by testing the ability of a drug that was originally developed for treating cancer and heart disease to cure trypanosome infections, and evaluating its mechanism of action.
OPP50414	Royal Institution for the Advancement of Learning McGill University	University	99,350	Canada	North America	2008	to support an agricultural development conference
OPP1052703	Royal Institution for the Advancement of Learning McGill University	University	100,000	Canada	North America	2012	to support a conference that will engage a unique set of actors and experts working at the intersection of agriculture, public health, and private sector growth to identify opportunities for improving nutritional outcomes in India

OPP1107623	Royal Institution for the Advancement of Learning McGill University	University	100,000	Canada	North America	2014	to use the knowledge and expertise of women smallholder farmers in developing countries to better inform agricultural development projects for food security by using special interview techniques and providing visual communication aids.
OPP1195676	Royal Veterinary College	University	750,000	United Kingdom	Europe	2018	To mitigate consumer exposure to milk-borne pathogens from products flowing through the dairy supply chains in Andhra Pradesh.
OPP52149	Rutgers University Foundation	University	498,762	United States	North America	2009	to support a project measuring private research and innovation in South Asia and Sub-Saharan Africa
OPP1182694	SOAS University of London	University	987,303	United Kingdom	Europe	2017	to identify suitable investments that improve the affordability and availability of nutritious fresh produce in local markets serving poor and nutritionally vulnerable consumers in South Asia and Ethiopia
OPP1112579	Sokoine University of Agriculture	University	499,160	Tanzania, United Republic of	Africa	2014	to develop and introduce sustainable rodent management strategies for small-scale farmers in Tanzania and Uganda
OPP48776	Stanford University	University	3,743,077	United States	North America	2007	to support an effective and transferable model for assessing impact pathways and evaluating biofuel systems that can help the poor and enhance food security in the developing world
OPPGD804	Stanford University	University	1,089,117	United States	North America	2010	to support the development of an open access lecture series on agriculture and development
OPP1109005	Stellenbosch University	University	25,000	South Africa	Africa	2014	to provide funds for a conference on the Fusarium pathogen infecting bananas in Africa; the conference will enable major stakeholders to come together to develop consensus on addressing the current disease outbreak in Mozambique and preparing other countries against its spread and/or future introduction, defining roles and activities among stakeholders, and identifying and approaching donors for financial assistance
OPP1082500	Stichting DLO Centre for Development Innovation	University	1,500,000	Netherlands	Europe	2014	to develop a market-oriented, pluralistic, vibrant and dynamic seed sector in Africa for providing smallholder farmers access to quality seed of superior varieties.
OPP1068514	Swansea University	University	100,000	United Kingdom	Europe	2012	to use the symbiotic gut bacteria of the Western Flower Thrips to deliver interfering RNA that will disable the larvae of this major agricultural pest.
OPP1195617	Technical University of Denmark	University	1,084,000	Denmark	Europe	2018	to obtain evidence, provide novel methodologies, and implement surveillance tools for preventing and controlling of foodborne infections in African LMIC, and strengthen cross-sectorial collaboration and LMIC capacity to promote and lead suc
OPP1042444	Technical University of Madrid	University	3,127,139	Spain	Europe	2011	to support the introduction of biological nitrogen fixation in cereals in Sub-Saharan Africa and South Asia
OPP1143172	Technical University of Madrid	University	5,000,000	Spain	Europe	2016	to increase the opportunities of Sub-Saharan Africa and South East Asia small farmers to overcome poverty by increasing cereal crop productivity while lowering costs and preserving the environment
INV-005889	Technical University of Madrid	University	6,200,000	Spain	Europe	2020	to create engineered cereals that are capable of nitrogen fixation and sustained yield under conditions of limited nitrogen and water.
OPP1106435	Texas A&M AgriLife Research	University	96,578	United States	North America	2014	to improve vaccination strategies for diseases that infect both humans and livestock, such as tuberculosis, by developing single vaccines that can protect both species and be locally produced in goats milk.
OPP1010622	Texas A&M Foundation	University	1,000,000	United States	North America	2009	to support the Borlaug International Scholars Fund
OPP1068056	The Chinese University of Hong Kong	University	100,000	Hong Kong	Asia	2012	to engineer crops to produce insecticidal Cry protein crystals that encapsulate the antibacterial protein lysozyme and release it when a plant's defense mechanisms indicate biotic stress
OPP1068578	The College of William and Mary	University	100,000	United States	North America	2012	to design and test "nets" of sound that block vocal communication and hearing in pest bird species, causing them to move away from crop areas.
OPP1182519	The George Washington University	University	4,011,654	United States	North America	2017	to learn the extent to which a social norms-based approach can reduce anemia capacity among women of reproductive age and during pregnancy and improve physical work in women in Odisha, India, by changing behaviors related to the uptake of i
OPP1083453	The Nelson Mandela African Institution of Science and Technology	University	4,087,446	Tanzania, United Republic of	Africa	2014	to conduct applied research in service of executing the foundation's livestock commodity implementation plans and provide research intensive training at the PhD and postdoctoral levels in tropical animal health and production, so that scien
OPP1114913	The Nelson Mandela African Institution of Science and Technology	University	892,222	Tanzania, United Republic of	Africa	2014	to increase dairy productivity and incomes of poor smallholder dairy farmers through provision of information and tools allowing farmers to optimize acquisition, use and replacement of appropriate dairy cattle
OPP1127286	The University of Edinburgh	University	16,000,000	United Kingdom	Europe	2015	to support the application of genetics, genomics, informatics, and reproductive biotechnologies to address tropical livestock constraints, to increase productivity and adaptability of chickens and dairy cows owned by poor smallholders in su
OPP1134229	The University of Edinburgh	University	10,940,728	United Kingdom	Europe	2016	to deliver improved data and evidence that better informs the design and targeting of development interventions aimed at improving tropical smallholder livestock health and productivity
INV-004102	The University of Edinburgh	University	9,497,536	United Kingdom	Europe	2020	To improve the quality, availability, and utility of livestock data and evidence for the sector while also supporting the AgDev Livestock portfolio to develop and monitor key metrics for evidence-based investment prioritization.
OPP53186	The University of Sydney	University	431,253	Australia	Oceania	2009	to support increasing skills in cereal rust pathology and genetics in the developing world
OPP1028057	Tshwane University	University	1,279,771	South Africa	Africa	2011	to support training and research in legume sciences
OPP1113127	Tufts University	University	4,999,911	United States	North America	2014	to address and help to rectify the critical issues of food consumption data scarcity, high cost, inaccessibility, low quality, and under-use that are current barriers to effective food, nutrition and agricultural policy and programming
INV-001600	Tufts University	University	2,000,000	United States	North America	2020	to develop and disseminate a tool to collect and analyze high-quality individual quantitative dietary data to inform nutrition and agriculture program design and policy making
INV-016158	Tufts University	University	1,499,517	United States	North America	2020	To scale up the use of new price indexes to guide agricultural production and food markets for improved nutrition, globally and within high-risk countries
OPP52987	Tulane University	University	476,947	United States	North America	2009	to support a project to provide agricultural weather data

OPP1011274	United States International University	University	797,888	Kenya	Africa	2011	to design and deliver a certificate program for smallholder agribusiness entrepreneurs in Kenya
OPP1097472	Universidade Federal de Viçosa	University	100,000	Brazil	Latin America	2013	to improve land and labor productivity of African smallholder farms by designing and testing a new concept for a seeder machine, which uses only two rotating parts, to enable more efficient and effective planting of crops.
OPP1112559	Université d'Abomey-Calavi	University	499,993	Benin	Africa	2014	to increase the productivity of yams in Benin to meet the national needs and stimulate a sustainable increase in incomes for smallholder yam producers and contribute to their food security and economic development
OPP1098835	Université des Montagnes	University	100,000	Cameroon	Africa	2013	to block the transmission of Human African Trypanosomiasis (sleeping sickness) by tsetse flies by identifying different chemical blends to effectively repel the flies as an environmentally friendly method of disease control.
OPP1060258	Université Paris-Sud	University	100,000	France	Europe	2012	to develop a biodegradable, water-soluble business card impregnated with bacteriophages targeting bacterial pathogens.
OPP50047	University Health Network	University	2,992,320	Canada	North America	2008	to facilitate the successful and appropriate adoption of agricultural technologies
OPP1086930	University of Adelaide	University	100,000	Australia	Oceania	2013	To identify sustainable and broadly applicable labor-saving solutions in developing countries by creating a virtual Evolutionary Learning Laboratory to incorporate and develop views from farmers, policy makers, and developers.
OPP1068570	University of Alcalá	University	100,000	Spain	Europe	2012	to develop maize kernels to increase the expression of anti-fungal genes in the transfer cell layer, which transports nutrients and protect filial tissues in the adjacent growing seeds.
OPP1067832	University of Arizona	University	100,000	United States	North America	2012	to develop a fungal resistant, aflatoxin-free groundnut by suppressing fungal growth and inhibiting the fungus' ability to biosynthesize the mycotoxin compound.
OPP1068522	University of Arizona	University	100,000	United States	North America	2012	to modify existing genes in cassava plants that are essential for the translation and replication of Cassava brown streak virus.
OPPGD1493	University of Arizona Foundation	University	1,318,747	United States	North America	2009	to develop a next-generation platform to identify cassava molecular markers for crop improvement
OPP1131386	University of Calabar	University	499,936	Nigeria	Africa	2015	to increase the rate of production and dissemination of virus free yam seedlings in Nigeria
OPP53428	University of California, Berkeley	University	223,230	United States	North America	2009	to identify ICT-based applications and systems that can increase African smallholder productivity, profitability, and sustainability
OPP1001867	University of California, Davis	University	346,263	United States	North America	2009	to enhance wheat resistance to multiple rust diseases
OPP52836	University of California, Davis	University	36,757	United States	North America	2009	to support a study of intellectual property rights for improved crops to serve small holder farmers
OPP1068554	University of California, Davis	University	100,000	United States	North America	2012	to develop targeted nucleases that can be used to engineer cassava-infecting geminivirus resistance into staple African cassava varieties.
OPP1052669	University of California, Davis	University	928,023	United States	North America	2012	to provide long-term strategies for protecting wheat against rust fungi which threaten the food supply in multiple developing countries
OPP1081607	University of California, Davis	University	161,949	United States	North America	2013	to provide public researchers working to improve the wheat crop with access to the most efficient and effective technologies for modifying the crop
OPP1173479	University of California, Davis	University	866,587	United States	North America	2017	to collect and analyze data on household income, consumption, and welfare following activities by Agha Kahn Foundation to increase pulse production in rural Bihar
OPP1097505	University of California, Irvine	University	100,000	United States	North America	2013	to reduce the environmental and labor costs of cooking stoves in developing countries by improving the performance and reducing the cost of their energy storage device, which collects and stores solar energy for indoor or night-time cooking.
OPP1125410	University of California, Los Angeles	University	5,303,906	United States	North America	2015	to create new varieties of cassava that are resistant to two of the major diseases currently constraining smallholder cassava production across Sub-Saharan Africa
OPP1059995	University of California, Riverside	University	100,000	United States	North America	2012	to develop a low-cost stamp to directly print biosensors on maize leaves for the detection of biotic stresses.
OPPGD448	University of Cambridge	University	8,167,392	United Kingdom	Europe	2012	to support epidemiological modeling in partnership with field researchers to improve strategies for monitoring and management of wheat rust and cassava virus diseases
OPP1172165	University of Cambridge	University	23,485,053	United Kingdom	Europe	2017	to develop nitrogen-fixing maize for sustainable yield improvements, benefiting resource poor farmers in sub-Saharan Africa
INV-018454	University of Chicago	University	587,988	United States	North America	2020	to explore the development of a high level commission to bring attention to and scale up effective interventions in agricultural development
OPP1068149	University of Connecticut	University	100,000	United States	North America	2012	to demonstrate that protozoa can be used to spatially disseminate beneficial bacteria throughout the zone of soil around the plant roots.
OPP1087601	University of Dar es Salaam	University	72,450	Tanzania, United Republic of	Africa	2013	to provide support to implement the expansion of the Tanzania Project Mapping Tool
OPP1126107	University of Dar es Salaam	University	275,000	Tanzania, United Republic of	Africa	2015	to improve information and close the knowledge gap for improved decision making and coordination within the agricultural sector in Tanzania
OPP1175487	University of Florida	University	8,742,893	United States	North America	2017	to improve the incomes, livelihoods and nutrition of smallholder farmers by increasing the productivity of their livestock through quality feeds and to determine the cause and mitigation strategies for environmental enteric dysfunction, a c
OPP1205215	University of Florida	University	970,028	United States	North America	2018	to improve understanding of how children are exposed to Campylobacter and become infected in rural settings of LMICs and to build a model to assist policymakers and practitioners in the design of targeted and informed intervention strategie
OPP1213416	University of Florida	University	22,151	United States	North America	2019	to support the attendance of LMIC researchers and the presentation of topics relevant to LMIC environments at the annual CHRO conference, the premier meeting on Campylobacter research
OPP1019226	University of Georgia Research Foundation, Inc.	University	150,000	United States	North America	2010	to support research that will reduce the spread of disease in poultry
OPP1027273	University of Georgia Research Foundation, Inc.	University	1,494,105	United States	North America	2011	to support research that will reduce the spread of diseases common in African poultry

OPP1097463	University of Georgia Research Foundation, Inc.	University	100,000	United States	North America	2013	to promote widespread adoption of a milk churner used to prolong the life of milk harvested in the evening by consulting women in Uganda to help make it more ergonomic and culturally appropriate for women users.
OPP1110974	University of Ghana	University	465,697	Ghana	Africa	2014	To stimulate innate immunity as a new approach to allowing genetic improvement of cattle breeds in the resource-poor farming communities.
OPP48555	University of Greenwich	University	16,397,757	United Kingdom	Europe	2008	to support sustainable and equitable improvements to cassava value chains and markets in Ghana, Tanzania, Uganda, Nigeria, and Malawi
OPP1060099	University of Greenwich	University	100,000	United Kingdom	Europe	2012	to test a virulent strain of the endosymbiotic bacteria, Wolbachia, as a biocontrol agent for controlling the whitefly and reducing whitefly-transmitted plant viruses.
OPP1052814	University of Greenwich	University	1,479,450	United Kingdom	Europe	2012	to develop low cost yam virus diagnostics for quick and reliable field testing of planting material distributed to small holder farmers
OPP1080975	University of Greenwich	University	1,495,148	United Kingdom	Europe	2013	to commercialize clean sweetpotato seed production in areas with a long dry season
OPP1080766	University of Greenwich	University	883,576	United Kingdom	Europe	2013	to develop whitefly diagnostics, infectious clones of Cassava Brown Streak Virus and standard operating procedures for virologists and breeders that will improve cassava productivity
OPP1081592	University of Greenwich	University	18,816,547	United Kingdom	Europe	2014	to help 200,000 smallholder farmers sell 2 million tons of cassava roots to make processed products such as high quality cassava flour, chips for animal feed and cassava starch across Nigeria, Ghana, Uganda, Tanzania and Malawi
OPP1058938	University of Greenwich	University	17,189,175	United Kingdom	Europe	2014	to increase food security in Uganda, Tanzania and Malawi by reducing the spread of whitefly-borne cassava-virus pandemics, carrying out research to understand factors that drive populations of the vector of these diseases, African cassava whitefly, to become super-abundant
OPP1133803	University of Greenwich	University	3,660,257	United Kingdom	Europe	2015	to improve postharvest loss estimates in Sub-Saharan Africa, contribute to the Community of Practice on Food Loss Reduction and strengthen the livelihoods and food security of smallholder farmers
OPP1149777	University of Greenwich	University	2,399,998	United Kingdom	Europe	2016	to reduce root and tuber crop yield losses due to viruses in sub-Saharan Africa, by carrying out research and developing diagnostic tools that enable East and West African cassava and yam breeders and virologists to understand the epidemiol
OPP1200124	University of Greenwich	University	11,029,869	United Kingdom	Europe	2018	to solve the African cassava whitefly problem in three East African countries and prevent further whitefly-borne, cassava-virus pandemics
OPP1112526	University of Ibadan	University	492,478	Nigeria	Africa	2014	to progress the development of cost-effective insect pest management practices (semio-chemicals) to increase production and to help address food insecurity and boost livelihoods
OPP1060461	University of Illinois at Urbana-Champaign	University	24,899,307	United States	North America	2012	to increase the sustainable yield of food crop varieties for resource poor farmers through improved photosynthetic efficiency
OPP1138758	University of Illinois at Urbana-Champaign	University	25,000	United States	North America	2015	to provide a unique opportunity for participating partners and organizations to share the latest research and technologies for reducing postharvest losses, as well as discuss market and social issues and policies focused on postharvest loss reduction strategies and technologies that can impact the lives of small holder farmers
OPP1172157	University of Illinois at Urbana-Champaign	University	32,291,725	United States	North America	2017	to provide a means for sustainably increasing the yield of food crop varieties for resource-poor farmers through improved photosynthetic efficiency
OPP1189450	University of Liverpool	University	648,923	United Kingdom	Europe	2018	to fund a workshop leading to the enhanced use of resources in the control of animal diseases in order to provide resilient incomes to the people and organizations involved in the livestock food systems and to have safe and affordable lives
OPP1068528	University of Maryland	University	100,000	United States	North America	2012	to develop a genetic system that enables targeted delivery and release of antimicrobial proteins across the extrahaustorial membrane, the appendage used by pathogens to penetrate host plant cells.
OPP1189771	University of Maryland	University	1,298,770	United States	North America	2018	to establish procedures for high-throughput genome editing for application in precision breeding to improve productivity, health, heat tolerance, and reproductive performance of tropical livestock
OPP1098808	University of Melbourne	University	100,000	Australia	Oceania	2013	to develop an effective vaccine against the parasite Theileria parva, which causes East Coast Fever in cattle, by conjugating parasite lysates to nanobeads, which act as an adjuvant to induce a strong immune response.
OPP1136635	University of Melbourne	University	386,465	Australia	Oceania	2015	to develop a single-injection delayed-release T-solium (swine tapeworm) vaccine that would require a one-time access to facilitate control programs in the Developing World
OPP1018604	University of Michigan	University	146,339	United States	North America	2011	to identify the key coping mechanisms that poor and marginal households use to cope with agricultural risks, the role of institutions and collective action in coping with risks, and the effectiveness of individual vs. collective coping mechanisms
OPP1182940	University of Michigan	University	198,297	United States	North America	2017	to support the design and implementation of multi-sectoral value chain interventions with high potential to contribute to the reduction of anemia among adolescent girls and women of reproductive age in Ghana
OPP1093529	University of Minnesota	University	2,374,157	United States	North America	2013	to develop cassava varieties for Nigerian farmers that are compatible with a modern and appropriate integrated weed management system
OPP1211169	University of Minnesota	University	1,499,724	United States	North America	2019	to improve the capacity of Uganda and Kenya to meet international standards for animal health and to promote the sustainable development of local and regional communities, through local workforce development, improved animal health, food sa
OPP1017939	University of Nebraska Foundation	University	50,000	United States	North America	2010	to assemble a diverse group of representatives from government, research institutions, and the private sector to focus on issues of water for agricultural production
OPP1039148	University of Nebraska Foundation	University	150,000	United States	North America	2011	to support the annual Water for Food Conferences which bring together experts from around the world to discuss the advances that can provide potential solutions for water resource management for rapidly growing at-risk populations
OPP1113224	University of Nebraska Foundation	University	100,000	United States	North America	2014	to support the annual Water for Food Conferences which bring together experts from around the world to discuss the advances that can provide potential solutions for water resource management for rapidly growing at-risk populations

OPPGD1418	University of Nebraska-Lincoln	University	2,034,324	United States	North America	2011	to provide a web-based platform to estimate gaps in yield and water productivity for key crops in Sub-Saharan Africa and South Asia.
OPP1059119	University of Nebraska-Lincoln	University	100,000	United States	North America	2012	to investigate variations that might influence a plant's ability to adapt to its environment, and exploit those for more rapid breeding of more robust and stress-tolerant crops.
OPP1067933	University of Nebraska-Lincoln	University	100,000	United States	North America	2012	to test direct repeat- induced gene silencing for its ability to target multiple crop viruses at once, allowing the development of a wheat strain resistant to multiple major diseases.
OPP1088661	University of Nebraska-Lincoln	University	2,996,073	United States	North America	2013	to enhance the productivity of smallholder farmers by breeding intrinsic, stable, but non-genetic (epigenetic) yield gain
OPP1082520	University of Nebraska-Lincoln	University	1,255,923	United States	North America	2014	to support Global Yield Gap Atlas in providing robust estimates of exploitable gaps in yield and water productivity for the world's major food crops, enabling farmers, governments, policy makers, agricultural research and extension institutions, funders of agricultural research, foundations, private sector organizations to identify regions with the greatest potential to sustainably increase global food supply with improved management practices. This information also supports efforts to identify causes of yield gaps and taking improved agronomic technologies to scale
OPPGD640	University of New England	University	2,895,698	Australia	Oceania	2010	to improve the livelihoods of small-holder dairy farmers in East Africa by supplying the genotypes that best suit the production level and system of individual farmers
OPP1071835	University of New England	University	1,325,836	Australia	Oceania	2013	to identify germplasm needs and deliver proposed solutions to dairy cattle genetic supply for existing and rapidly expanding smallholder dairy systems in the target countries
OPP1108078	University of Notre Dame	University	100,000	United States	North America	2014	to enable buyers of human and animal medications to assess their quality by developing a cheap paper card to easily and quickly measure the chemical composition of fifty common drugs using colorimetric changes.
OPP1181048	University of Nottingham	University	6,078,248	United Kingdom	Europe	2017	to provide new evidence to support policy makers in the Agriculture, Nutrition and Public Health sectors make decisions to reduce the burden of micronutrient deficiencies (MNDs) in Ethiopia, Malawi, and the wider region of sub-Saharan Africa
INV-002855	University of Nottingham	University	6,243,516	United Kingdom	Europe	2019	to develop a web-based tool to assess food systems & inform micronutrient intervention strategies under current & future scenarios to guide decision-makers on which approaches are most effective to move MND populations to nutrient adequacy
OPP1068542	University of Oxford	University	100,000	United Kingdom	Europe	2012	to engineer a benign parasite as a biological control mechanism against herbivorous insect pests.
OPP1129902	University of Oxford	University	6,999,794	United Kingdom	Europe	2015	to develop high-yielding rice varieties for smallholder farmers through the introduction of C4 photosynthetic traits
OPP1138185	University of Oxford	University	150,000	United Kingdom	Europe	2015	to develop of an intellectual property management plan for the potential third phase of the C4 rice project to increase the photosynthetic efficiency of rice
OPP1213007	University of Oxford	University	14,999,968	United Kingdom	Europe	2019	to develop high yielding rice varieties for smallholder farmers through the introduction of C4 photosynthetic traits
OPP1131407	University of Parakou, Benin	University	509,265	Benin	Africa	2015	to diagnose, characterize, and sustainably manage weevil pests associated with sweet potato production and stored tubers in Benin and Ghana and to enhance research capacity of national sweet potato research programs in West Africa
OPP1120153	University of Pennsylvania	University	317,957	United States	North America	2014	to evaluate opportunities for impact through behavior change communication in India, Ethiopia and Nigeria
OPP1178522	University of Pennsylvania	University	1,365,870	United States	North America	2017	To fund a study seeking to understand how to increase farmers' incomes in some of India's poorest states by improving their access to agricultural markets and bargaining power with market intermediaries.
OPPGD1359	University of Pretoria	University	4,475,287	South Africa	Africa	2011	to support policy research and to strengthen African agriculture economies
OPP1060088	University of Queensland	University	100,000	Australia	Oceania	2012	to develop a "BioClay" technology to deliver biological agents that kill crop pathogens and pests.
OPPGD1197	University of Queensland	University	3,990,198	Australia	Oceania	2012	to generate step change in the capacity and productivity of sorghum breeding programs in sub-Saharan Africa and to provide a strategic platform to underpin genetic gain for productivity in environments that are water limited
OPP1130226	University of Queensland	University	5,701,703	Australia	Oceania	2015	to develop management strategies to enable continued banana-plantain production in areas of Sub-Saharan Africa severely affected by banana bunchy top disease, restrict further spread of the disease, and to search in Southeast Asia for banan
OPP1132118	University of Queensland	University	2,705,931	Australia	Oceania	2015	to contribute to our long term goal of increasing genetic gains in the public breeding programs we support by funding the creation of an institutional home for our Breeding Program Assessment Tool and for assessments of key breeding program
OPP1198741	University of Queensland	University	992,145	Australia	Oceania	2018	to provide technical assistance in the development of genomic selection systems to increase milk production and productivity for Indian smallholder farmers through access to genomically-proven bull genetics technologies
OPP1209850	University of Queensland	University	18,664,540	Australia	Oceania	2020	to create self-reproducing hybrids of sorghum and cowpea, thereby increasing their yield and allowing developing world farmers to save seed.
INV-002917	University of Queensland	University	3,222,476	Australia	Oceania	2020	to implement, evaluate and refine the Breeding Program Assessment Tool mechanism that provides standardized expert evaluations of key breeding programs that develop improved varieties of crops for smallholder farmers in Africa and S. Asia
OPP1098867	University of Reading	University	99,507	United Kingdom	Europe	2013	to determine the impact of both human and animal diseases on poverty by devising a one health metric combining standardized poverty impact metrics of individual livestock diseases, and of human disease, using global datasets
OPP1056764	University of Rochester	University	100,000	United States	North America	2012	to test if Spiroplasma, a bacterial symbiont in Drosophila that confers resistance to nematodes, can be used in crops to confer resistance to plant-parasitic nematodes.
OPP1112621	University of Rwanda	University	254,707	Rwanda	Africa	2015	to assess and design a decision-support system for dairy germplasm development to improve dairy productivity for smallholder farmers

OPP1110043	University of South Carolina	University	1,271,678	United States	North America	2015	to gain a deep understanding of the drivers of food choice among the poor in developing countries in South Asia and Sub-Saharan Africa
OPP1106822	University of Surrey	University	100,000	United Kingdom	Europe	2014	to generate an effective vaccine and complementary diagnostic test for human and bovine tuberculosis that can enable the distinction between infected and vaccinated individuals, thereby supporting control efforts in developing countries.
OPP1094229	University of Twente	University	7,699,220	Netherlands	Europe	2014	to test novel remote sensing-based solutions that offer the potential to better and more cost-effectively meet the information needs of stakeholders in the smallholder-based food production systems and value chains of sub-Saharan Africa and South Asia
OPP1098840	University of Vermont	University	99,692	United States	North America	2013	to identify drugs that can be repurposed to treat the parasite Cryptosporidium, which causes severe diarrhoea in humans and cattle, by developing an infected animal model using calves, which closely mimics the human disease.
OPP1132099	University of Washington Foundation	University	600,000	United States	North America	2015	to support an open access, digital data capture platform for the benefit of the international development community
OPP1134677	University of Washington Foundation	University	75,314	United States	North America	2015	to inform research, donor, and government programming related to agricultural productivity in Africa to improve livelihoods and help lift people out of poverty in South Saharan Africa
OPP1135685	University of Washington Foundation	University	5,780,000	United States	North America	2015	to develop and disseminate research responding to emerging questions, issues, and trends facing the development sector on agriculture, policy, and financial services for the poor as well as issues of gender, adoption, and measurement
OPP1194512	University of Washington Foundation	University	2,469,611	United States	North America	2018	to improve the economic methods for evaluating the costs and benefits of food systems and multisectoral strategies on nutrition and health and support evidence for decisions on scaling up sustainable food system strategies
INV-004442	University of Washington Foundation	University	15,126,473	United States	North America	2020	to provide overarching evaluation support for the Agricultural Development team, its portfolios, and its key investments
OPP1099522	University of Wisconsin	University	554,604	United States	North America	2014	to develop a platform for the control and eradications of diseases in plants and livestock in sub-Saharan Africa and south Asia
OPP1126862	University of Wisconsin	University	2,610,892	United States	North America	2015	to develop and validate a novel vaccine for Animal African Trypanosomiasis
OPP1060218	University of Zurich	University	100,000	Switzerland	Europe	2012	to produce rice and sorghum that are resistant to specific pathogenic fungi by introducing a known disease resistance gene, Lr34, from wheat.
OPP1052647	University System of Georgia	University	102,704	United States	North America	2012	to enhance quality assurance and control in seed production and delivery in Uganda
OPPGD710	Wageningen University	University	21,869,483	Netherlands	Europe	2009	to improve soil fertility, nitrogen availability, and protein nutrition by improved use of legumes and microbial inoculants
OPP1002894	Wageningen University	University	291,171	Netherlands	Europe	2009	to conduct a critical assessment of System of Rice Intensification (SRI), a set of rice cultivation practices designed to increase yields
OPP1020032	Wageningen University	University	30,924,840	Netherlands	Europe	2013	to increase biological nitrogen fixation and productivity of grain legumes among African smallholder farmers, contributing to enhanced soil fertility, improved household nutrition and increased cash income
OPP1182727	Wageningen University	University	879,463	Netherlands	Europe	2018	to enhance fruit and vegetable intake among low-income urban consumers in Nigeria and Vietnam
INV-003982	Wageningen University	University	2,954,418	Netherlands	Europe	2020	to strengthen knowledge tracking of digital farmer services, ag-tech and farm-tech solutions benefiting smallholder farmers in low and middle income countries including monitoring farmer income, productivity and women's access
OPP1098873	Washington State University	University	99,803	United States	North America	2013	to reduce the incidence and severity of malaria and East Coast Fever (ECF) in humans and cattle respectively, by testing the effect of treating co-occurring helminth parasitic infections that may exacerbate them via modulating the immune system.
OPP1098828	Washington University	University	100,000	United States	North America	2013	to produce an in vitro culture of the parasite Cryptosporidium, which causes severe diarrhoea in humans and animals, by differentiating epithelial cells from isolated stem cells to mimic the small intestine, for high-throughput drug screens.
OPP45291	World University Service of Canada	University	4,059,901	Canada	North America	2007	to enhance the impact of radio broadcasting on food security in Africa
OPP1010078	World University Service of Canada	University	3,995,720	Canada	North America	2010	to support Farm Radio International in the African Farm Radio Research Initiative to scale-up the adoption of proven technologies to reach smallholder farmers, and ensure the sustainability of radio for agriculture
OPP1092795	Yale University	University	1,308,438	United States	North America	2013	to develop a robust, efficient genetic system for production of hybrid seed of important cereal crops that can be used by small seed companies and smallholder seed producers in Africa and South Asia
OPP1098846	Yale University	University	100,000	United States	North America	2013	to promote new discoveries for treating disease by developing a search and document clustering software environment so that researchers can better utilize the vast and currently divergent literature on human and veterinary medicine.
OPP1139763	Yale University	University	880,000	United States	North America	2016	to develop novel vaccines for African trypanosomiasis, a neglected disease of animals and humans in sub-Saharan Africa that is transmitted by an infected tsetse fly bite
TOTAL AMOUNT			5,864,966,523				