

Performance Indicator Matrix Tables

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Table A- CRP Level: Contribution to 2022 CGIAR Targets

CGIAR Target	Target contribution	Unit of target	Amount Needed (\$)	W1+W2 (%)	W3 (%)	Bilateral (%)	Other (%)	Synergies with other CRP's/ Platforms (click Ctrl for multiple selection)
100 million more farm households have adopted improved varieties, breeds or trees, and / or improved management practices	10	million farm households	100,000,000	20	0	80	0	A4NH, Big Data, CCAFS, DCLAS, Fish, FTA, Genebanks, Genetic Gain platform, Livestock, Maize, PIM, Rice, RTB, WLE, Wheat
30 million people, of which 50% are women, assisted to exit poverty	3.4	million people	170,000,000	20	0	80	0	A4NH, Big Data, CCAFS, DCLAS, Fish, FTA, Genebanks, Genetic Gain platform, Livestock, Maize, PIM, Rice, RTB, WLE, Wheat
Improve the rate of yield increase for major food staples from current <1% to 1.2-1.5% per year	1.07	%	70,000,000	20	0	80	0	DCLAS, Fish, FTA, Livestock, Maize, Rice, RTB, Wheat
55 million hectares (ha) degraded land area restored	2.05	millions of ha	80,000,000	20	0	80	0	FTA, WLE
		Total	420,000,000					

Quantitative contribution to countries

CGIAR Target: 100 million more farm households have adopted improved varieties, breeds or trees, and / or improved management practices

CGIAR Target countries	Other Country	Target contribution in country
Nigeria	=	1
Ethiopia	=	1
Tanzania	=	0.5
India	=	2
Bangladesh	=	1.5
REST OF THE WORLD	=	4

CGIAR Target: 30 million people, of which 50% are women, assisted to exit poverty

CGIAR Target countries	Other Country	Target contribution in country
Nigeria	=	0
Ethiopia	=	1.4
Tanzania	=	0.1
India	=	0.4
Bangladesh	=	1
REST OF THE WORLD	=	0.5

CGIAR Target: Improve the rate of yield increase for major food staples from current <1% to 1.2-1.5% per year

CGIAR Target countries	Other Country	Target contribution in country
Nigeria	=	1.18
Ethiopia	=	1.29
Tanzania	=	1.23
India	=	1.02
Bangladesh	=	1.06
REST OF THE WORLD	=	1.07

CGIAR Target: 55 million hectares (ha) degraded land area restored

CGIAR Target countries	Other Country	Target contribution in country
Nigeria	=	0.05
Ethiopia	=	0.3
Tanzania	=	0.15
India	=	0.8
Bangladesh	=	0.15
REST OF THE WORLD	=	0.6

Flagship 1: Technological Innovation and Sustainable Intensification

PIM Table B: Flagship level: outcomes by windows of funding

2022 outcome description	Amount needed (\$)	W1+W2 (%)	W3 (%)	Bilateral (%)	Other (%)	W1+W2 (Amount)	W3 (Amount)	Bilateral (Amount)	Other (Amount)
Foresight models and results are used by 12 regional and national research organizations or government agencies in Africa, Asia and Latin America and global development organizations as inputs to their priority-setting (includes capacity development)	34,461,945	19	35	46	0	6,547,770	12,061,681	15,852,495	0
Studies on policies, regulations, and investment in support of agricultural science, technology, and innovation are used by key government entities in 3 CGIAR countries of collaboration (includes capacity development)	41,354,333	19	35	46	0	7,857,323	14,474,017	19,022,993	0
Budget allocations for agricultural research exceed projections of the 2012-2016 trend in 5 CGIAR countries of collaboration (includes capacity development)	27,569,556	19	35	46	0	5,238,216	9,649,345	12,681,996	0
In 3 CGIAR countries of collaboration, adoption of selected promising technologies and management practices is 20% above counterfactual without supportive technology dissemination innovations and policies (includes capacity development)	34,461,945	19	35	46	0	6,547,770	12,061,681	15,852,495	0
	137,847,779					26,191,078	48,246,723	63,409,978	0

PIM Table C: Flagship level: investments by sub-IDO's

Sub-IDO	Amount needed (\$)	W1+W2 (%)	W3 (%)	Bilateral (%)	Other (%)	W1+W2 (Amount)	W3 (Amount)	Bilateral (Amount)	Other (Amount)
Closed yield gaps through improved agronomic and animal husbandry practices	27,569,556	19	35	46	0	5,238,216	9,649,345	12,681,996	0
Increased conservation and use of genetic resources	13,784,778	19	35	46	0	2,619,108	4,824,672	6,340,998	0
Improved forecasting of impacts of climate change and targeted technology development	27,569,556	19	35	46	0	5,238,216	9,649,345	12,681,996	0
Technologies that reduce women's labor and energy expenditure developed and disseminated	6,892,389	19	35	46	0	1,309,554	2,412,336	3,170,499	0
Increased capacity of partner organizations, as evidenced by rates of investment in agricultural research	6,892,389	19	35	46	0	1,309,554	2,412,336	3,170,499	0
Conducive agricultural policy environment	34,461,945	19	35	46	0	6,547,770	12,061,681	15,852,495	0
Enhanced institutional capacity of partner research organizations	6,892,389	19	35	46	0	1,309,554	2,412,336	3,170,499	0
Enhanced individual capacity in partner research organizations through training and exchange	13,784,777	19	35	46	0	2,619,108	4,824,672	6,340,997	0
	137,847,779					26,191,078	48,246,723	63,409,978	0

PIM Table D: Flagship level: annual milestones table

Year	Milestone description	Means of verifying	For which outcomes
2018	Updated foresight modeling data, tools and analyses are used by CRPs and CGIAR Centers	References in CRP and partner organization plans	Foresight models and results are used by 12 regional and national research organizations or government agencies in Africa, Asia and Latin America and global development organizations as inputs to their priority-setting (includes capacity development)
2018	In 3 CGIAR countries of collaboration, major constraints to adoption and promising innovations to overcome them are identified with national stakeholders	Impact assessment studies	Studies on policies, regulations, and investment in support of agricultural science, technology, and innovation are used by key government entities in 3 CGIAR countries of collaboration (includes capacity development)
2019	Foresight models are used within CGIAR to help set priorities at Center, CRP and Consortium level	References in CRP and partner organization plans	Foresight models and results are used by 12 regional and national research organizations or government agencies in Africa, Asia and Latin America and global development organizations as inputs to their priority-setting (includes capacity development)
2019	High quality studies on impacts from increased investment and capacity in national agricultural research are used in decision making by governments and donor communities	Data available on ASTI and PBS websites, FAO website, and in publicly available policy websites, scholarly publications, and other sources	Budget allocations for agricultural research exceed projections of the 2012-2016 trend in 5 CGIAR countries of collaboration (includes capacity development)
2020	Decision makers use foresight knowledge products and findings in their strategies and priorities	References in CRP and partner organization plans	Foresight models and results are used by 12 regional and national research organizations or government agencies in Africa, Asia and Latin America and global development organizations as inputs to their priority-setting (includes capacity development)

Year	Milestone description	Means of verifying	For which outcomes
2020	In 3 CGIAR countries of collaboration, innovations to increase adoption are used by government, development and private sector organizations	Impact assessment studies	In 3 CGIAR countries of collaboration, adoption of selected promising technologies and management practices is 20% above counterfactual without supportive technology dissemination innovations and policies (includes capacity development)
2020	In 3 CGIAR countries of collaboration, policies and regulations governing the generation and diffusion of seed are improved	Impact assessment studies	Studies on policies, regulations, and investment in support of agricultural science, technology, and innovation are used by key government entities in 3 CGIAR countries of collaboration (includes capacity development)
2021	The number of PhD and MSc/MA scientists in NARS increases over ten-year trend in 5 CGIAR countries of collaboration	Data available on ASTI and PBS websites, FAO website, and in publicly available policy websites, scholarly publications, and other sources	Budget allocations for agricultural research exceed projections of the 2012-2016 trend in 5 CGIAR countries of collaboration (includes capacity development)
2022	Foresight models and results are used by 12 regional and national research organizations or government agencies in Africa, Asia and Latin America and global development organizations as inputs to their priority-setting (includes capacity development)	References in CRP and partner organization plans	Foresight models and results are used by 12 regional and national research organizations or government agencies in Africa, Asia and Latin America and global development organizations as inputs to their priority-setting (includes capacity development)
2022	Studies on policies, regulations, and investment in support of agricultural science, technology, and innovation are used by key government entities in 3 CGIAR countries of collaboration (includes capacity development)	Data available on ASTI and PBS websites, FAO website, and in publicly available policy websites, scholarly publications, and other sources	Studies on policies, regulations, and investment in support of agricultural science, technology, and innovation are used by key government entities in 3 CGIAR countries of collaboration (includes capacity development)

Year	Milestone description	Means of verifying	For which outcomes
2022	Budget allocations for agricultural research exceed projections of the 2012-2016 trend in 5 CGIAR countries of collaboration (includes capacity development)	Data available on ASTI and PBS websites, FAO website, and in publicly available policy websites, scholarly publications, and other sources	Budget allocations for agricultural research exceed projections of the 2012-2016 trend in 5 CGIAR countries of collaboration (includes capacity development)
2022	In 3 CGIAR countries of collaboration, adoption of selected promising technologies and management practices is 20% above counterfactual without supportive technology dissemination innovations and policies (includes capacity development)	Impact assessment studies	In 3 CGIAR countries of collaboration, adoption of selected promising technologies and management practices is 20% above counterfactual without supportive technology dissemination innovations and policies (includes capacity development)

Flagship 2: Economywide Factors Affecting Agricultural Growth and Rural Transformation

PIM Table B: Flagship level: outcomes by windows of funding

2022 outcome description	Amount needed (\$)	W1+W2 (%)	W3 (%)	Bilateral (%)	Other (%)	W1+W2 (Amount)	W3 (Amount)	Bilateral (Amount)	Other (Amount)
Governments in 3 CGIAR countries of collaboration use empirical evidence and quantitative methods to modify their allocation of public resource towards better targeted investments favoring inclusive agricultural growth and rural transformation (includes capacity development)	38,438,611	13	51	36	0	4,997,019	19,603,692	13,837,900	0
Governments in 3 CGIAR countries of collaboration use tools and evidence on the economy-wide factors affecting rural transformation to develop policies that are better targeted towards raising agricultural growth and rural incomes (includes capacity development)	57,657,916	13	51	36	0	7,495,529	29,405,537	20,756,850	0
agricultural growth and rural incomes are increased (above counterfactual trend) in 3 CGIAR countries of collaboration implementing evidence-based policies and/or public expenditure allocations (includes capacity development)	32,032,175	13	51	36	0	4,164,183	16,336,409	11,531,583	0
	128,128,702					16,656,731	65,345,638	46,126,333	0

PIM Table C: Flagship level: investments by sub-IDO's

Sub-IDO	Amount needed (\$)	W1+W2 (%)	W3 (%)	Bilateral (%)	Other (%)	W1+W2 (Amount)	W3 (Amount)	Bilateral (Amount)	Other (Amount)
Increased livelihood opportunities	32,032,176	13	51	36	0	4,164,183	16,336,410	11,531,583	0
More efficient use of inputs	12,812,870	13	51	36	0	1,665,673	6,534,564	4,612,633	0
Gender-equitable control of productive assets and resources	12,812,870	13	51	36	0	1,665,673	6,534,564	4,612,633	0
Improved capacity of women and young people to participate in decision-making	6,406,435	13	51	36	0	832,837	3,267,282	2,306,317	0
Increased capacity of partner organizations, as evidenced by rates of investment in agricultural research	6,406,435	13	51	36	0	832,837	3,267,282	2,306,317	0
Conducive agricultural policy environment	38,438,611	13	51	36	0	4,997,019	19,603,692	13,837,900	0
Enhanced institutional capacity of partner research organizations	6,406,435	13	51	36	0	832,837	3,267,282	2,306,317	0
Enhanced individual capacity in partner research organizations through training and exchange	12,812,870	13	51	36	0	1,665,673	6,534,564	4,612,633	0
	128,128,702					16,656,731	65,345,638	46,126,333	0

PIM Table D: Flagship level: annual milestones table

Year	Milestone description	Means of verifying	For which outcomes
2018	Evidence on viable entry points for integrating research into the policy process used in multi-stakeholder fora in 2 CGIAR countries of collaboration	Country and cross-country research and policy studies	Governments in 3 CGIAR countries of collaboration use tools and evidence on the economy-wide factors affecting rural transformation to develop policies that are better targeted towards raising agricultural growth and rural incomes (includes capacity development)
2018	Evidence on the constraints and opportunities for raising agricultural growth and rural incomes considered by governments via policy fora in 2 CGIAR countries of collaboration	Country and cross-country research and policy studies	Governments in at least 3 CGIAR countries of collaboration use tools and evidence on the economy-wide factors affecting rural transformation to develop policies that are better targeted towards raising agricultural growth and rural incomes
2018	Evidence on the ways that alternative (agricultural and non-agricultural) public expenditures and public services contribute to agricultural development and rural welfare considered by governments and civil society via policy fora in 2 CGIAR countries of collaboration	Country and cross-country research and policy studies	Governments in at least 3 CGIAR countries of collaboration use empirical evidence and quantitative methods to modify their allocation of public resource towards better targeted investments favouring inclusive agricultural growth and rural transformation
2019	Research organizations and/or universities in CGIAR countries of collaboration are able to use state of the art tools to evaluate economy-wide factors affecting agricultural and rural policies, and conduct evidence-based prioritisation of public agricultural expenditures	Reports documenting organisation's analytical capacity and use of training materials, data and/or methods	Governments in at least 3 CGIAR countries of collaboration use tools and evidence on the economy-wide factors affecting rural transformation to develop policies that are better targeted towards raising agricultural growth and rural incomes

Year	Milestone description	Means of verifying	For which outcomes
2020	Government policy analysis units in 2 CGIAR countries receive training on data and tools to evaluate the economy-wide factors affecting agricultural and rural policies	Reports documenting organisation's analytical capacity and use of training materials, data and/or methods	Governments in at least 3 CGIAR countries of collaboration use tools and evidence on the economy-wide factors affecting rural transformation to develop policies that are better targeted towards raising agricultural growth and rural incomes
2020	Stakeholders and researchers in 3 CGIAR countries of collaboration use political economy tools and analysis on policy processes in order to influence government receptivity to evidence-based policy recommendations related to agricultural growth	Policy assessment studies	Governments in at least 3 CGIAR countries of collaboration use tools and evidence on the economy-wide factors affecting rural transformation to develop policies that are better targeted towards raising agricultural growth and rural incomes
2020	Public sector agencies in 2 CGIAR countries of collaboration adapt their institutional and organisational mechanisms to improve public resource allocation for service delivery	Reports by governments reflecting these changes	Governments in at least 3 CGIAR countries of collaboration use empirical evidence and quantitative methods to modify their allocation of public resource towards better targeted investments favouring inclusive agricultural growth and rural transformation
2022	Governments in at least 3 CGIAR countries of collaboration use empirical evidence and quantitative methods to modify their allocation of public resource towards better targeted investments favouring inclusive agricultural growth and rural transformation	Impact assessment studies	Governments in at least 3 CGIAR countries of collaboration use empirical evidence and quantitative methods to modify their allocation of public resource towards better targeted investments favouring inclusive agricultural growth and rural transformation

Year	Milestone description	Means of verifying	For which outcomes
2022	Governments in at least 3 CGIAR countries of collaboration use tools and evidence on the economy-wide factors affecting rural transformation to develop policies that are better targeted towards raising agricultural growth and rural incomes	Policy assessment studies	Governments in at least 3 CGIAR countries of collaboration use tools and evidence on the economy-wide factors affecting rural transformation to develop policies that are better targeted towards raising agricultural growth and rural incomes
2022	Agricultural growth and rural incomes are increased (above counterfactual trend) in 3 CGIAR countries of collaboration implementing evidence-based policies and/or public expenditure allocations (includes capacity development)	Policy assessment studies	Agricultural growth and rural incomes are increased (above counterfactual trend) in 3 CGIAR countries of collaboration implementing evidence-based policies and/or public expenditure allocations (includes capacity development)

Flagship 3: Inclusive and Efficient Value Chains

PIM Table B: Flagship level: outcomes by windows of funding

2022 outcome description	Amount needed (\$)	W1+W2 (%)	W3 (%)	Bilateral (%)	Other (%)	W1+W2 (Amount)	W3 (Amount)	Bilateral (Amount)	Other (Amount)
Research and development organizations use PIM tools for value chain analysis and development in 20 instances in 6 countries of CGIAR collaboration (includes capacity development)	36,830,971	20	21	59	0	7,366,194	7,734,504	21,730,273	0
Evidence is used to support changes in trade policy and/or regulations with global and regional implications in 3 instances (includes capacity development)	21,046,269	20	21	59	0	4,209,254	4,419,716	12,417,299	0
Research and development organizations use PIM tools to address postharvest losses in 10 countries, including 5 CGIAR countries of collaboration (includes capacity development)	21,046,269	20	21	59	0	4,209,254	4,419,716	12,417,299	0
Implementation partners in three countries use analysis of approaches to scaling to increase numbers of beneficiaries by 50% in designated projects	15,784,702	20	21	59	0	3,156,940	3,314,787	9,312,974	0
Earnings of smallholder male and female farmers from specific value chains increase by 20% as a result of interventions in these value chains in 3 CGIAR countries of collaboration (includes capacity development)	10,523,135	20	21	59	0	2,104,627	2,209,858	6,208,650	0
	105,231,346					21,046,269	22,098,583	62,086,494	0

PIM Table C: Flagship level: investments by sub-IDO's

Sub-IDO	Amount needed (\$)	W1+W2 (%)	W3 (%)	Bilateral (%)	Other (%)	W1+W2 (Amount)	W3 (Amount)	Bilateral (Amount)	Other (Amount)
Improved access to financial and other services	10,523,135	20	21	59	0	2,104,627	2,209,858	6,208,650	0
Reduced market barriers	21,046,269	20	21	59	0	4,209,254	4,419,716	12,417,299	0
Increased livelihood opportunities	5,261,567	20	21	59	0	1,052,313	1,104,929	3,104,325	0
Increased value capture by producers	10,523,135	20	21	59	0	2,104,627	2,209,858	6,208,650	0
More efficient use of inputs	5,261,567	20	21	59	0	1,052,313	1,104,929	3,104,325	0
Reduced pre and post harvest losses, incl. climate change	10,523,135	20	21	59	0	2,104,627	2,209,858	6,208,650	0
Gender-equitable control of productive assets and resources	10,523,135	20	21	59	0	2,104,627	2,209,858	6,208,650	0
Conducive agricultural policy environment	15,784,702	20	21	59	0	3,156,940	3,314,787	9,312,974	0
Enhanced institutional capacity of partner research organizations	5,261,567	20	21	59	0	1,052,313	1,104,929	3,104,325	0
Enhanced individual capacity in partner research organizations through training and exchange	10,523,134	20	21	59	0	2,104,627	2,209,858	6,208,649	0
	105,231,346					21,046,269	22,098,583	62,086,494	0

PIM Table D: Flagship level: annual milestones table

Year	Milestone description	Means of verifying	For which outcomes
2018	The main distortions in international and national markets affecting 10 value chains of interest for CGIAR countries of collaboration are identified	Nominal rates of protection from the Ag-Incentives Consortium (FAO, World Bank, OECD, IFPRI) M&E data from value chains hubs and PIM studies	Research and development organizations use PIM tools for value chain analysis and development in 20 instances in 6 countries of CGIAR collaboration (includes capacity development)
2018	Priority value chain innovations are identified in 10 countries, including 5 CGIAR countries of collaboration	Monitoring reports from implementation partners M&E data from value chains hubs and PIM studies	Research and development organizations use PIM tools for value chain analysis and development in 20 instances in 6 countries of CGIAR collaboration (includes capacity development)
2019	Policy dialogues with key (public and private) stakeholders prioritize actions to address major international level distortions, and national level distortions in 5 countries	Nominal rates of protection from the Ag-Incentives Consortium (FAO, World Bank, OECD, IFPRI) M&E data from value chains hubs and PIM studies	Research and development organizations use PIM tools for value chain analysis and development in 20 instances in 6 countries of CGIAR collaboration (includes capacity development)
2019	Postharvest losses by source are quantified, leading to prioritization of actions in priority value chains in CGIAR countries of collaboration	Monitoring reports from implementation partners M&E data from value chains hubs and PIM studies	Research and development organizations use PIM tools to address postharvest losses in 10 countries, including 5 CGIAR countries of collaboration (includes capacity development)
2019	Value chain scaling models are used by public and private sector agents to achieve greater development impact in 5 CGIAR countries of collaboration	M&E data from value chains hubs and PIM studies	Implementation partners in three countries use analysis of approaches to scaling to increase numbers of beneficiaries by 50% in designated projects
2020	Evidence is used in policy reform processes which reduce distortions or market failures affecting 5 CGIAR countries of collaboration	Nominal rates of protection from the Ag-Incentives Consortium (FAO, World Bank, OECD, IFPRI) M&E data from value chains hubs and PIM studies	Research and development organizations use PIM tools for value chain analysis and development in 20 instances in 6 countries of CGIAR collaboration (includes capacity development)

Year	Milestone description	Means of verifying	For which outcomes
2020	Value chain innovations are tested in 10 countries, including 5 CGIAR countries of collaboration	Monitoring reports from implementation partners M&E data from value chains hubs and PIM studies	Research and development organizations use PIM tools for value chain analysis and development in 20 instances in 6 countries of CGIAR collaboration (includes capacity development)
2020	10 improved value chains are scaled up	M&E data from value chains hubs and PIM studies	Earnings of smallholder male and female farmers from specific value chains increase by 20% as a result of interventions in these value chains in 3 CGIAR countries of collaboration (includes capacity development)
2021	20 representatives of developing countries have strengthened capacity to represent their interests in trade negotiations related to agriculture	Nominal rates of protection from the Ag-Incentives Consortium (FAO, World Bank, OECD, IFPRI) M&E data from value chains hubs and PIM studies	Evidence is used to support changes in trade policy and/or regulations with global and regional implications in 3 instances (includes capacity development)
2021	Actors in 10 value chains in 3 CGIAR countries of collaboration have improved access to financial and other services	Monitoring reports from implementation partners M&E data from value chains hubs and PIM studies	Research and development organizations use PIM tools for value chain analysis and development in 20 instances in 6 countries of CGIAR collaboration (includes capacity development)
2022	Research and development organizations use PIM tools for value chain analysis and development in 20 instances in 6 countries of CGIAR collaboration (includes capacity development)	M&E data from value chains hubs and PIM studies	Research and development organizations use PIM tools for value chain analysis and development in 20 instances in 6 countries of CGIAR collaboration (includes capacity development)
2022	Evidence is used to support changes in trade policy and/or regulations with global and regional implications in 3 instances (includes capacity development)	Nominal rates of protection from the Ag-Incentives Consortium (FAO, World Bank, OECD, IFPRI) M&E data from value chains hubs and PIM studies	Evidence is used to support changes in trade policy and/or regulations with global and regional implications in 3 instances (includes capacity development)

Year	Milestone description	Means of verifying	For which outcomes
2022	Research and development organizations use PIM tools to address postharvest losses in 10 countries, including 5 CGIAR countries of collaboration (includes capacity development)	Monitoring reports from implementation partners M&E data from value chains hubs and PIM studies	Research and development organizations use PIM tools to address postharvest losses in 10 countries, including 5 CGIAR countries of collaboration (includes capacity development)
2022	Implementation partners in three countries use analysis of approaches to scaling to increase numbers of beneficiaries by 50% in designated projects	Impact assessment studies on PIM website. M&E data from value chains hubs.	Implementation partners in three countries use analysis of approaches to scaling to increase numbers of beneficiaries by 50% in designated projects
2022	Earnings of smallholder male and female farmers from specific value chains increase by 20% as a result of interventions in these value chains in 3 CGIAR countries of collaboration (includes capacity development)	Impact assessment studies on PIM website. M&E data from value chains hubs.	Earnings of smallholder male and female farmers from specific value chains increase by 20% as a result of interventions in these value chains in 3 CGIAR countries of collaboration (includes capacity development)

Flagship 4: Social Protection for Agriculture and Resilience

PIM Table B: Flagship level: outcomes by windows of funding

2022 outcome description	Amount needed (\$)	W1+W2 (%)	W3 (%)	Bilateral (%)	Other (%)	W1+W2 (Amount)	W3 (Amount)	Bilateral (Amount)	Other (Amount)
National social protection programs and policies are modified based on evidence in 4 countries, including 3 CGIAR countries of collaboration (includes capacity development)	22,550,983	17	30	53	0	3,833,667	6,765,295	11,952,021	0
Improved social protection innovations provide food and nutrition benefits to poor households in 3 countries (includes capacity development)	19,732,110	17	30	53	0	3,354,459	5,919,633	10,458,018	0
New insurance products are being used by smallholder farmers in 3 countries, including 2 CGIAR countries of collaboration (includes capacity development)	14,094,364	17	30	53	0	2,396,042	4,228,309	7,470,013	0
	56,377,457					9,584,168	16,913,237	29,880,052	0

PIM Table C: Flagship level: investments by sub-IDO's

Sub-IDO	Amount needed (\$)	W1+W2 (%)	W3 (%)	Bilateral (%)	Other (%)	W1+W2 (Amount)	W3 (Amount)	Bilateral (Amount)	Other (Amount)
Increased household capacity to cope with shocks	11,275,491	17	30	53	0	1,916,833	3,382,647	5,976,010	0
Improved access to financial and other services	5,637,746	17	30	53	0	958,417	1,691,324	2,988,005	0
Increased access to productive assets, incl. natural resources	8,456,619	17	30	53	0	1,437,625	2,536,986	4,482,008	0
Increased access to diverse nutrient-rich foods	11,275,491	17	30	53	0	1,916,833	3,382,647	5,976,010	0
Gender-equitable control of productive assets and resources	5,637,746	17	30	53	0	958,417	1,691,324	2,988,005	0
Improved capacity of women and young people to participate in decision-making	2,818,873	17	30	53	0	479,208	845,662	1,494,003	0
Conducive environment for managing shocks and vulnerability as evidenced in rapid response mechanisms	5,637,746	17	30	53	0	958,417	1,691,324	2,988,005	0
Enhanced institutional capacity of partner research organizations	2,818,873	17	30	53	0	479,208	845,662	1,494,003	0
Enhanced individual capacity in partner research organizations through training and exchange	2,818,872	17	30	53	0	479,208	845,662	1,494,002	0
	56,377,457					9,584,168	16,913,237	29,880,052	0

PIM Table D: Flagship level: annual milestones table

Year	Milestone description	Means of verifying	For which outcomes
2018	New social protection implementation mechanisms are tested across different contexts representative of CGIAR countries of collaboration	Monitoring reports of implementing partners impact assessment studies	Improved social protection innovations provide food and nutrition benefits to poor households in 3 countries (includes capacity development)
2019	National social protection programs and policies are modified based on evidence in 4 countries, including 3 CGIAR countries of collaboration	Study reports	National social protection programs and policies are modified based on evidence in 4 countries, including 3 CGIAR countries of collaboration (includes capacity development)
2020	New insurance products are developed for offer to farmers in 3 countries, including 2 CGIAR countries of collaboration	Impact assessment studies	New insurance products are being used by smallholder farmers in 3 countries, including 2 CGIAR countries of collaboration (includes capacity development)
2020	Improved social protection innovations are adopted by government and other implementing organizations in 4 countries, including 3 CGIAR countries of collaboration	Monitoring reports of implementing partners impact assessment studies	Improved social protection innovations provide food and nutrition benefits to poor households in 3 countries (includes capacity development)
2022	National social protection programs and policies are modified based on evidence in 4 countries, including 3 CGIAR countries of collaboration (includes capacity development)	Study reports	National social protection programs and policies are modified based on evidence in 4 countries, including 3 CGIAR countries of collaboration (includes capacity development)
2022	Improved social protection innovations provide food and nutrition benefits to poor households in 3 countries (includes capacity development)	Monitoring reports of implementing partners impact assessment studies	Improved social protection innovations provide food and nutrition benefits to poor households in 3 countries (includes capacity development)

Year	Milestone description	Means of verifying	For which outcomes
2022	New insurance products are being used by smallholder farmers in 3 countries, including 2 CGIAR countries of collaboration (includes capacity development)	Impact assessment studies	New insurance products are being used by smallholder farmers in 3 countries, including 2 CGIAR countries of collaboration (includes capacity development)

Flagship 5: Governance of Natural Resources

PIM Table B: Flagship level: outcomes by windows of funding

2022 outcome description	Amount needed (\$)	W1+W2 (%)	W3 (%)	Bilateral (%)	Other (%)	W1+W2 (Amount)	W3 (Amount)	Bilateral (Amount)	Other (Amount)
Evidence informs natural resource governance and tenure policy processes/implementation in 12 countries, including 6 CGIAR countries of collaboration (includes capacity development)	30,575,114	14	6	80	0	4,280,516	1,834,507	24,460,091	0
Tenure security is improved for beneficiaries in 6 countries, with detailed documentation for 2 (includes capacity development)	30,575,114	14	6	80	0	4,280,516	1,834,507	24,460,091	0
Improved landscape-level governance arrangements lead to more productive and equitable management in 6 countries, with detailed documentation in 2 (includes capacity development)	40,766,819	14	6	80	0	5,707,355	2,446,009	32,613,455	0
	101,917,047					14,268,387	6,115,023	81,533,638	0

PIM Table C: Flagship level: investments by sub-IDO's

Sub-IDO	Amount needed (\$)	W1+W2 (%)	W3 (%)	Bilateral (%)	Other (%)	W1+W2 (Amount)	W3 (Amount)	Bilateral (Amount)	Other (Amount)
Increased access to productive assets, incl. natural resources	30,575,114	14	6	80	0	4,280,516	1,834,507	24,460,091	0
More productive and equitable management of natural resources	30,575,114	14	6	80	0	4,280,516	1,834,507	24,460,091	0
Gender-equitable control of productive assets and resources	15,287,557	14	6	80	0	2,140,258	917,253	12,230,046	0
Conducive agricultural policy environment	10,191,705	14	6	80	0	1,426,839	611,502	8,153,364	0
Enhanced individual capacity in partner research organizations through training and exchange	5,095,852	14	6	80	0	713,419	305,751	4,076,682	0
Increased capacity for innovation in partner development organizations and in poor and vulnerable communities	10,191,705	14	6	80	0	1,426,839	611,502	8,153,364	0
	101,917,047					14,268,387	6,115,023	81,533,638	0

PIM Table D: Flagship level: annual milestones table

Year	Milestone description	Means of verifying	For which outcomes
2017	The toolbox of methods for tenure research is used by researchers	PIM website	Evidence informs natural resource governance and tenure policy processes/implementation in 12 countries, including 6 CGIAR countries of collaboration (includes capacity development)
2017	Opportunities for landscape governance work across CRPs are agreed upon and planned	Study reports	Evidence informs natural resource governance and tenure policy processes/implementation in 12 countries, including 6 CGIAR countries of collaboration (includes capacity development)
2018	Evidence on tenure security synthesized and tailored to different regions and contexts is used by research and implementation partners	Study reports partner reports (e.g., African Union Commission)	Evidence informs natural resource governance and tenure policy processes/implementation in 12 countries, including 6 CGIAR countries of collaboration (includes capacity development)
2018	The toolbox of methods for landscape governance is used by researchers and development practitioners	PIM website	Evidence informs natural resource governance and tenure policy processes/implementation in 12 countries, including 6 CGIAR countries of collaboration (includes capacity development)
2018	Formal mechanisms are established for CGIAR to provide analytical support to key tenure and resource policy processes at regional and country level	Study reports partner reports (e.g., African Union Land Policy Initiative)	Evidence informs natural resource governance and tenure policy processes/implementation in 12 countries, including 6 CGIAR countries of collaboration (includes capacity development)
2019	In collaboration with policy makers, innovative tenure security-enhancing innovations are tested across relevant contexts in 5 countries, including 3 CGIAR countries of collaboration	Baseline or impact assessment studies	Tenure security is improved for beneficiaries in 6 countries, with detailed documentation for 2 (includes capacity development)
2019	100 researchers and 300 civil society or development organization staff are trained in Flagship 5 methods	PIM capacity strengthening reports	Evidence informs natural resource governance and tenure policy processes/implementation in 12 countries, including 6 CGIAR countries of collaboration (includes capacity development)

Year	Milestone description	Means of verifying	For which outcomes
2020	Evidence on tenure security informs African land reform process through AUC and ILC member organizations	Study reports partner reports (e.g., African Union Commission, International Land Coalition)	Evidence informs natural resource governance and tenure policy processes/implementation in 12 countries, including 6 CGIAR countries of collaboration (includes capacity development)
2020	12 evidence-based landscape level governance institutions are operational in 6 countries	Monitoring reports of implementation partners study reports on PIM website	Improved landscape-level governance arrangements lead to more productive and equitable management in 6 countries, with detailed documentation in 2 (includes capacity development)
2021	20 government or civil society organizations have strengthened capacity for tenure and governance work	Impact assessment study commissioned to assess PIM contributions to capacity strengthening	Improved policies, institutions, or implementation modalities regarding tenure security are adopted in at least 6 countries, with greater security of beneficiaries documented in at least 2 (includes capacity development)
2022	Improved policies, institutions, or implementation modalities regarding tenure security are adopted in 6 countries, with greater security of beneficiaries documented in at least 2 (includes capacity development)	Study reports partner reports (e.g., African Union Commission)	Improved policies, institutions, or implementation modalities regarding tenure security are adopted in at least 6 countries, with greater security of beneficiaries documented in at least 2 (includes capacity development)
2022	Improved landscape-level governance arrangements are implemented in 6 countries, with more productive and equitable management in at least 2 (includes capacity development)	Impact assessment studies	Improved landscape-level governance arrangements are implemented in at least 6 countries, with more productive and equitable management in at least 2 (includes capacity development)
2022	Evidence informs natural resource governance and tenure policy processes/implementation in 12 countries, including 6 CGIAR countries of collaboration (includes capacity development)	Monitoring reports of implementation partners study reports on PIM website	Evidence informs natural resource governance and tenure policy processes/implementation in 12 countries, including 6 CGIAR countries of collaboration (includes capacity development)

Flagship 6: Cross-cutting Gender Research and Coordination

PIM Table B: Flagship level: outcomes by windows of funding

2022 outcome description	Amount needed (\$)	W1+W2 (%)	W3 (%)	Bilateral (%)	Other (%)	W1+W2 (Amount)	W3 (Amount)	Bilateral (Amount)	Other (Amount)
National researchers use improved gender research methods in 5 CGIAR countries of collaboration (includes capacity development)	11,018,933	27	20	53	0	2,975,112	2,203,787	5,840,034	0
Gender dimensions of policies are strengthened in 4 CGIAR countries of collaboration (includes capacity development)	6,611,360	27	20	53	0	1,785,067	1,322,272	3,504,021	0
The value of indicators of women's empowerment in agriculture increase in 3 CGIAR countries of collaboration (includes capacity development)	4,407,573	27	20	53	0	1,190,045	881,515	2,336,014	0
	22,037,866					5,950,224	4,407,573	11,680,069	0

PIM Table C: Flagship level: investments by sub-IDO's

Sub-IDO	Amount needed (\$)	W1+W2 (%)	W3 (%)	Bilateral (%)	Other (%)	W1+W2 (Amount)	W3 (Amount)	Bilateral (Amount)	Other (Amount)
Gender-equitable control of productive assets and resources	4,407,573	27	20	53	0	1,190,045	881,515	2,336,014	0
Technologies that reduce women's labor and energy expenditure developed and disseminated	2,203,787	27	20	53	0	595,022	440,757	1,168,007	0
Improved capacity of women and young people to participate in decision-making	2,203,787	27	20	53	0	595,022	440,757	1,168,007	0
Conducive agricultural policy environment	4,407,573	27	20	53	0	1,190,045	881,515	2,336,014	0
Enhanced institutional capacity of partner research organizations	3,305,680	27	20	53	0	892,534	661,136	1,752,010	0
Enhanced individual capacity in partner research organizations through training and exchange	5,509,466	27	20	53	0	1,487,556	1,101,893	2,920,017	0
	22,037,866					5,950,224	4,407,573	11,680,069	0

PIM Table D: Flagship level: annual milestones table

Year	Milestone description	Means of verifying	For which outcomes
2018	PIM gender research methods and guidelines are used by CGIAR researchers and partner research organizations in 5 CGIAR countries of collaboration	Study reports citations of PIM publications on gender research methods	National researchers use improved gender research methods in 5 CGIAR countries of collaboration (includes capacity development)
2018	Research on effective interventions for empowering women in agriculture is used by 6 implementation partners	PIM annual report	The value of indicators of women's empowerment in agriculture increase in 3 CGIAR countries of collaboration (includes capacity development)
2019	Best bet empowerment interventions are evaluated at scale (proof of application) by researchers and implementers in 3 CGIAR countries of collaboration	Impact assessment studies	The value of indicators of women's empowerment in agriculture increase in 3 CGIAR countries of collaboration (includes capacity development)
2020	Researchers from all CGIAR centers use PIM gender research methods and guidelines	Study reports citations of PIM publications on gender research methods	National researchers use improved gender research methods in 5 CGIAR countries of collaboration (includes capacity development)
2020	Gender equity enhancing recommendations from PIM research are used by governments in 2 CGIAR countries of collaboration	Impact assessment studies	Gender dimensions of policies are strengthened in 4 CGIAR countries of collaboration (includes capacity development)
2022	National researchers use improved gender research methods in 5 CGIAR countries of collaboration (includes capacity development)	Study reports citations of PIM publications on gender research methods	National researchers use improved gender research methods in 5 CGIAR countries of collaboration (includes capacity development)
2022	Gender dimensions of policies are strengthened in 4 CGIAR countries of collaboration (includes capacity development)	Impact assessment studies	Gender dimensions of policies are strengthened in 4 CGIAR countries of collaboration (includes capacity development)

Year	Milestone description	Means of verifying	For which outcomes
2022	The value of indicators of women's empowerment in agriculture increase in 3 CGIAR countries of collaboration (includes capacity development)	Impact assessment studies	The value of indicators of women's empowerment in agriculture increase in 3 CGIAR countries of collaboration (includes capacity development)