



AGRA Annual

Progress Report

2007 - 2016







AGRA Annual Progress Report 2007 - 2016



Introduction

AGRA is catalyzing and sustaining an inclusive agricultural transformation in Africa by increasing incomes and improving food security for 30 million farming households in 11 focus countries. Since 2006, AGRA and its partners have worked across Africa to deliver a set of proven solutions to smallholder farmers and thousands of indigenous African agriculture enterprises. The alliance has built the systems and tools for Africa's agriculture: high quality seeds, better soil health, access to markets and credit, and coupled by stronger farmer organizations and agriculture policies.

AGRA is an African-led alliance focused on putting smallholder farmers at the center of the continent's growing economy by transforming agriculture from a solitary struggle to survive into farming as a business that thrives. It was established to catalyze the transformation of smallholder agriculture into a highly productive, efficient, sustainable and competitive system, while also protecting the natural resource base on which agriculture depends. As the sector that employs the majority of Africa's people, nearly all of them small-scale farmers, AGRA recognizes that developing smallholder agriculture into a productive, efficient, and sustainable system is essential to ensuring food security, lifting millions out of poverty, and driving equitable growth across the continent.

AGRA is catalyzing Africa's agricultural transformation

AGRA is a partner of choice, the go-to-partner for agricultural transformation for sustainable development in Africa. We are sought after for our technical and innovative approaches

AGRA is African-led

AGRA is an African led alliance delivering uniquely African solutions that help farmers sustainably boost production and connect to rapidly growing agriculture markets.

AGRA is farmer centred

AGRA Invests in Africa's family farmers - Millions of hardworking men and women typically farming on less than a hectare of land. They are the backbone of Africa's agriculture, economies and future.

AGRA is partnership driven

All of AGRA's work is delivered through partnerships with governments, regional and continental bodies, farmers, community leaders, businesses, civil society groups, researchers, philanthropists and donors

AGRA is leading a knowledge culture

AGRA is a thought leader influencing and inspiring the trust of leaders, donors and partners to model better ways to implement, deliver and account for sustainable development in Africa.



AGRA's Package of Interventions



Input Systems - Strengthening agricultural input systems, technology & adoption

AGRA is supporting and partnering with both the public and private sectors to develop the systems that imade vailability delivery and adoption of improved seed and fertilizers, with a particular focus on getting these inputs into the hands of women farmers. AGRA believes that once a farmer can profitably invest in seeds of frilizers and associated opd agonomic pactices, the market becomes the eal driver of agricultural transmation.

Through our work in seeds and soil health. A is building on its perience, expertise and partnerships to tak innovative cop varieties and soil and management techniques to scale, to healprifies confront local onstaints to production and emering theats such as climatehange.



Resilience Building - Growth for structured markets for quality produce & operational capacity of output systems

AGRA is promoting interentions that enhancether esiliency of the poduction system to climate climate climate variabilithis includes devloping more efficient marketing systems, introducing post-harvest technologies to close yield gaps and ensure farmers can sustainably sell quality product to consumer markets.



Agribusiness Development & Innovation Finance - Strengthening business growth and finance & risk managment

AGRA is working to develop the capacity of local agri-businesses to access markets, support local and national financial institutions. this includes providing affordable financing to smallholder farmers and local SMEs in a bid to transform farms and businesses into sustainable and profitable enterprises. In its interventions AGRA catalyzes public iestments impact in supporting interventions and leveraging private sector iestment in agridure to build sustainability and contribute to verall economic development.

Critical to this is the participation of bothorioing solutions of Public Pivate Partneships in the agricultusector AGRA has a clearole in catalyzing and facilitating the realization of public and private investments in specific value chains where the private sector has shown interest by helping to get these value chains functioning efficiently.



Policy & Country Support - Strengthening national and regional level systems and reducing impact of agricultural volatility

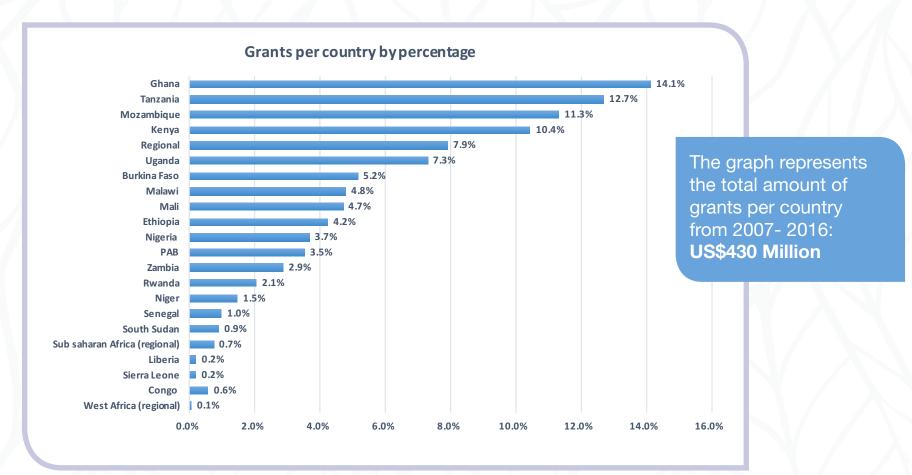
AGRA has been and will continue to shape the continual matter implementation the support to the facan Union form country National Agricultural Investment Plan (NAIRS) was aswell as paying a critical in supporting the biannual work pocess through technical assistant. We are building overnment capacity to sategize, fund and deliver on agricultural strategies while supporting section at our accountability.

As agricultural development is significantly influenced by national level policies, investments, and institutional arrangements, AGRA has developed custom-tailoed business plansof individuatiountries and within each age cology By analyzing and adcating or critical policyeforms, AGRA is working with governments to strengthen national capacities to deepen and sustain the gains made through policy decisions and encourage significant investments of public resources into the agriculture sector.



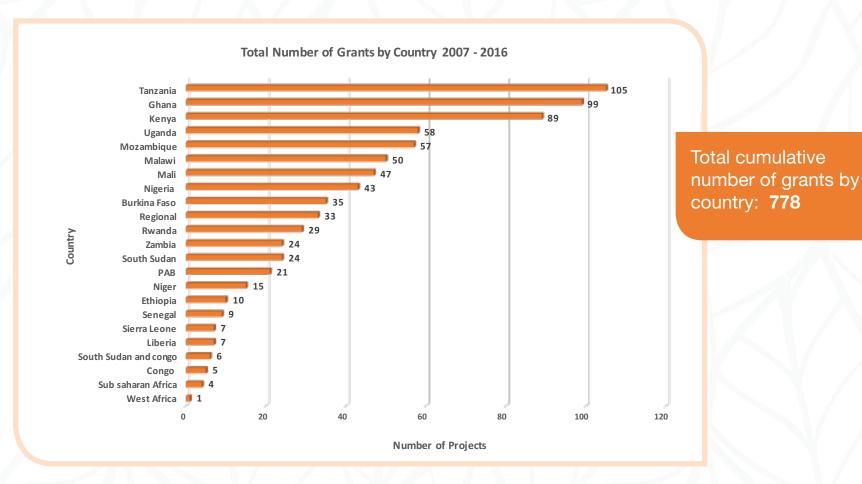


Percentage Value of Grants per Country: 2007-2016





Total Number of Grants by Country: 2007-2016





Achievements

Cumulative 2007 - 2016

Research Capacity Building Research & Development

Input Production & Distribution

Awareness Creation on Agriculture Transformation

Adoption

Production
Postharvest
& Marketing



152 PhDs Funded in Crop Breeding

106 PhDs graduated in Crop Breeding

43 PhDs Funded in Agronomy

26 PhDs graduated in Agronomy

330 MScs Funded in Crop Science

228 MScs graduated in Crop Science

139 MScs Funded in Soil Science

110 MScs graduated in Soil Science

2

562 Varieties released

381 Varieties commercialized

112 Seed companies supported

602,736 MT of seed produced

39,934 Agro dealers trained

1.5m MT inorganic fertilizer sold by AGRA supported agro dealers

817 Aggregation centres

79,847 Lead farmers trained

13,199 Extension agents trained on ISFM

19,658 FOs trained on ISFM

873,238 Farmers trained on PHH, quality, storage, structured trading

5.3 M Farmers with knowledge on ISFM

640,205 Farmers trained in governance, group dynamics and leadership

5

1.86M Farmers using ISFM technologies

1.49M Ha Cropped with ISFM technologies

<u>6</u>

600,361 MTCommodity aggregated at a value of **US\$ 177M**

760,223 Farmers linked to sell to SMEs

686,967 MT volume of commodity sold to SMEs at a value of **US\$364m**



Achievements

2016 Achievements

Research Capacity Building Research & Development

Input Production & Distribution

Awareness
Creation on
Agriculture
Transformation

Adoption

Production Postharvest & Marketing

(1)

15 PhDs graduated in Crop Breeding

10 PhDs graduated in Agronomy

26 MScs graduated in Crop Science

28 MScs graduated in Soil Science

31 Varietiesreleased11 Varieties

11 Varieties commercialized

6 Seed companies supported

total volume of 125,026MT

1,452 Agro dealers trained

82,166 MT inorganic fertilizer sold by the agro dealers

20,742 Lead farmers trained

4,514 Extension agents trained on ISFM

3,266 FOs trained on ISFM

123 Lab technicians trained

186,902 Farmers trained on PHH, quality, storage, structured trading

311,954 Farmers with knowledge on ISFM

40,924 Farmers trained in governance, group dynamics and leadership

(5

184,844 Farmers using ISFM technologies

165,604 Ha Cropped with ISFM technologies

5 MT Comr

49,975 MT Commodity aggregated at a value of **US\$ 13.4M**

263,684 Farmers linked to sell to SMEs

247125 MT volume of commodity sold to SMEs at a value of **US\$112.3M**



Research **Capacity Building**

Research & **Development** **Input Production** & Distribution

Awareness Creation on Agriculture **Transformation**

Adoption

Production Postharvest & Marketing

8 PhDs Funded in Plant Breeding

3 PhDs Funded in agronomy

17 MScs Funded in Crop Science

12 MScs Funded in Soil Science

17 Varieties released

6 Varieties commercialized 5 Seed companies supported

(3)

28,391 MT of seed produced

1,379 Agro dealers trained

11,876 MT inorganic fertilizer sold by the agro-dealers

54 Aggregation centres supported 4.403 Lead farmers trained on ISFM

415 Extension agents trained on ISFM

555 FOs trained on ISFM

431,748 Farmers with knowledge on ISFM

59,246 Farmers trained on PHH, quality, storage, structured trading

26,865 Farmers trained in governance, group dynamics and leadership

118,152 Farmers using ISFM technologies

95,582 Ha Cropped with ISFM technologies

9,953 MT Commodity aggregated at a value of

US\$ 1.9M



Research Capacity Building Research & Development

Input Production & Distribution

Awareness Creation on Agriculture
Transformation

Adoption

1

14 PhDs Funded in Plant Breeding

3 PhDs Funded in agronomy

40 MScs Funded in Crop Science

11 MScs Funded in Soil Science

(2)

23 Varieties released 8 Varieties commercialized (3)

9 Seed companies supported

191,036 MT of seed produced

1,249 Agro-dealers trained

14,682 MT inorganic fertilizer sold by the agrodealers

4

10,455 lead farmers trained

4,983 Extension agents trained on ISFM

62 FOs trained on ISFM

81,422 Farmers with knowledge on ISFM

5

60,945 Farmers using ISFM technologies

25,745 Ha Cropped with ISFM technologies



Research & Development

Input Production

& Distribution

Awareness
Creation on
Agriculture
Transformation

Cumulative 2007 - 2016

Adoption

Production
Postharvest
& Marketing

1

13 PhDs Funded in Plant Breeding

8 PhDs Funded in agronomy

33 MScs Funded in Crop Science

5 MScs Funded in Soil Science

2

46 Varieties released **36 Varieties** commercialized

11 Seed companies supported

(3)

8,492 MT of seed produced

5,250 Agro dealers trained

128,539 MT inorganic fertilizer sold by the agro-dealers

71 Aggregation centres supported

7,724 Lead farmers trained

772 Extension agents trained on ISFM

3,538 FOs trained on ISFM

750,774 Farmers with knowledge on ISFM

81,981 Farmers trained on PHH, quality, storage, structured trading

83,824 Farmers trained in governance, group dynamics and leadership

5

261,425 Farmers using ISFM technologies

228,092 Ha Cropped with ISFM technologies

6

127,581 MT Commodity aggregated at a value of **US\$ 24.67M**



Research & Development

Input Production & Distribution

3

Awareness
Creation on
Agriculture
Transformation

Cumulative 2007 - 2016

Adoption

Production Postharvest & Marketing

1

20 PhDs Funded in Plant Breeding

4 PhDs Funded in agronomy

21 MScs Funded in Crop Science

10 MScs Funded in Soil Science

98 Varieties released71 Varietiescommercialized

7 Seed companies supported

26,122 MT of seed produced

92,510 MT inorganic fertilizer sold by the agro dealers

147 Aggregation centres supported

10,561 Lead farmers trained

612 Extension agents trained on ISFM

2,553 FOs trained on ISFM

164,651 Farmers trained on PHH, quality, storage, structured trading

266,437 Farmers with knowledge on ISFM

28,692 Farmers trained in governance, group dynamics and leadership

U

181,173 Farmers using ISFM technologies

116,190 Ha Cropped with ISFM technologies

87,405 MT Commodity aggregated at a value of

US\$ 19.96M



Research **Capacity Building**

Research & **Development** Input Production & Distribution

Awareness **Creation on** Agriculture **Transformation**

Adoption

Production Postharvest & Marketing

6 PhDs Funded in Plant Breeding

3 PhDs Funded in agronomy

19 MScs Funded in Crop Science

12 MScs Funded in Soil Science

33 Varieties released 20 Varieties commercialized

4 Seed companies supported

(3)

18,935 MT of seed produced

4,311 Agro-dealers trained

18,718 MT inorganic fertilizer sold by the agro-dealers

70 Aggregation centres supported 9.173 Lead farmers trained on ISFM

894 Extension agents trained on ISFM

798 FOs trained on ISFM

614,103 Farmers with knowledge on ISFM

44,891 Farmers trained on PHH, quality, storage, structured trading

70,120 Farmers trained in governance, group dynamics and leadership

80,528 Farmers using ISFM technologies

55,446 Ha Cropped with ISFM technologies



11,645 MT Commodity aggregated at a value of US\$ 4.3M



Research & Development **Input Production** & Distribution

Awareness Creation on Agriculture **Transformation**

Cumulative 2007 - 2016

Adoption

Production **Postharvest** & Marketing

1

7 PhDs Funded in Plant Breeding

4 PhDs Funded in agronomy

17 MScs Funded in Crop Science

12 MScs Funded in Soil Science

66 Varieties released 28 Varieties commercialized

7 Seed companies supported

3

11,370 MT of seed produced

4,689 Agro-dealers trained

77,782 MT inorganic fertilizer sold by the agro-dealers

90 Aggregation centres supported

3.441 Lead farmers trained on ISFM

450 Extension agents trained on ISFM

822 FOs trained on ISFM

685,256 Farmers with knowledge on ISFM

37,773 Farmers trained on PHH, quality, storage, structured trading

20,775 Farmers trained in governance, group dynamics and leadership **178,886** Farmers using ISFM technologies

271,990 Ha Cropped with ISFM technologies



15,549 MT Commodity aggregated at a value of US\$ 5.1M



Research **Capacity Building**

Research & **Development** Input Production & Distribution

Awareness **Creation on** Agriculture **Transformation**

Adoption

Production

6 PhDs Funded in Plant Breeding

21 MScs Funded in Crop Science

21 MScs Funded in Soil Science

45 Varieties released 37 Varieties commercialized

8 Seed companies supported

(3)

16,077 MT of seed produced

1,193 Agro-dealers trained

65,892 MT inorganic fertilizer sold by the agro-dealers

68 Aggregation centres supported 8.253 Lead farmers trained

1,566 Extension agents trained on ISFM

3.396 FOs trained on ISFM

674,748 Farmers with knowledge on ISFM

135,140 Farmers trained on PHH, quality, storage, structured trading

123,298 Farmers trained in governance, group dynamics and leadership

191,354 Farmers using ISFM technologies

166,976 Ha Cropped with ISFM technologies **Postharvest** & Marketing



51,035 MT Commodity aggregated at a value of US\$ 18.8M



Research & Development Input Production & Distribution

Awareness Creation on Agriculture **Transformation**

Cumulative 2007 - 2016

Adoption

Production **Postharvest** & Marketing

1

9 PhDs Funded in Plant Breeding

3 PhDs Funded in agronomy

13 MScs Funded in Crop Science

9 MScs Funded in Soil Science

31 Varieties released 20 Varieties commercialized

5 Seed companies supported

3

12,635 MT of seed produced

1,726 Agro-dealers trained

21,400 MT inorganic fertilizer sold by the agro-dealers

270 Lead farmers trained on ISFM

408 Extension agents trained on ISFM

294 FOs trained on ISFM

148,060 Farmers with knowledge on ISFM

12,175 Farmers trained on PHH, quality, storage, structured trading

5,303 Farmers trained in governance, group dynamics and leadership

103,453 Farmers using ISFM technologies

100,437 Ha Cropped with ISFM technologies



1,980 MT Commodity aggregated at a value of US\$ 936,834



Research Capacity Building Research & Development

Input Production & Distribution

Awareness Creation on Agriculture Transformation

Adoption

1

15 PhDs Funded in Plant Breeding

5 PhDs Funded in agronomy

25 MScs Funded in Crop Science

2 MScs Funded in Soil Science

2

19 Varieties released11 Varietiescommercialized

3

6 Seed companies supported

102,642 MT of seed produced

4,132 Agro-dealers trained

51,867 MT inorganic fertilizer sold by the agrodealers

4

5457 Lead farmers trained on ISFM

486 Extension agents trained on ISFM

1,826 FOs trained on ISFM

145,480 Farmers with knowledge on ISFM

5

60,945 Farmers using ISFM technologies

25,745 Ha Cropped with ISFM technologies



Research & Development

Input Production & Distribution

Awareness
Creation on
Agriculture
Transformation

Cumulative 2007 - 2016

Adoption

Production Postharvest & Marketing

1

7 PhDs Funded in Plant Breeding

1 PhD Funded in agronomy

15 MScs Funded in Crop Science

14 MScs Funded in Soil Science

es relea

46 Varieties released **42 Varieties** commercialized

5 Seed companies supported

3

3,882 MT of seed produced

440 Agro-dealers trained

77,750 MT inorganic fertilizer sold by the agro-dealers

102 Aggregation centres supported

441 Extension agents trained on ISFM

8,943 Lead farmers trained in ISFM

1,904 FOs trained on ISFM

370,750 Farmers with knowledge on ISFM

71,642 Farmers trained on PHH, quality, storage, structured trading

169,733 Farmers trained in governance, group dynamics and leadership

5

86,756 Farmers using ISFM technologies

56,130 Ha Cropped with ISFM technologies

____6__

6

63,664 MT Commodity aggregated at a value of **US\$ 21M**



Research & **Development** Input Production & Distribution

(3)

Awareness **Creation on** Agriculture **Transformation**

Cumulative 2007 - 2016

Adoption

Production Postharvest & Marketing

11 PhDs Funded in Plant Breeding

3 PhDs Funded in agronomy

21 MScs Funded in Crop Science

11 MScs Funded in Soil Science

48 Varieties released 40 Varieties commercialized

15 Seed companies supported

39,608 MT of seed produced

7,066 Agro dealers trained

804,918 MT inorganic fertilizer sold by the agro dealers

187 Aggregation centres supported **5.342** Lead farmers trained

1,768 Extension agents trained on ISFM

1.706 FOs trained on ISFM

782,839 Farmers with knowledge on ISFM

193,663 Farmers trained on PHH, quality, storage, structured trading

29,188 Farmers trained in governance, group dynamics and leadership

782,839 Farmers using ISFM technologies

170,884 Ha Cropped with ISFM technologies 52,198 MT Commodity aggregated at a value of US\$ 54.7M



Research Capacity Building Research & Development

Input Production

& Distribution

Awareness Creation on Agriculture Transformation

Adoption

Production
Postharvest
& Marketing

1

18 PhDs Funded in Plant Breeding

2 PhDs Funded in agronomy

28 MScs Funded in Crop Science

10 MScs Funded in Soil Science

2

59 Varieties released56 Varietiescommercialized

7 Seed companies supported

(3)

123,757 MT of seed produced

1,405 Agro-dealers trained

1,468 MT inorganic fertilizer sold by the agro-dealers

10 Aggregation centres supported

4,559 Lead farmers trained

208 Extension agents trained on ISFM

1,928 FOs trained on ISFM

249,021 Farmers with knowledge on ISFM

45,280 Farmers trained on PHH, quality, storage, structured trading

5

141,569 Farmers using ISFM technologies

82,327 Ha Cropped with ISFM technologies

410,070 MT Commodity aggregated at a value of

US\$ 244.7M



Research Capacity Building Research & Development

Input Production & Distribution

Awareness
Creation on
Agriculture
Transformation

Adoption

Production
Postharvest
& Marketing

1

7 PhDs Funded in Plant Breeding

4 PhDs Funded in agronomy

14 MScs Funded in Crop Science

10 MScs Funded in Soil Science

2

13 Varieties released **8 Varieties** commercialized

(3)

4 Seed companies supported

13,715 MT of seed produced

1,797 Agro-dealers trained

28,090 MT inorganic fertilizer sold by the agro-dealers

18 Aggregation centres supported

1,266 Lead farmers trained on ISFM

197 Extension agents trained on ISFM

635 FOs trained on ISFM

95,100 Farmers with knowledge on ISFM

26,796 Farmers trained on PHH, quality, storage, structured trading

82,711 Farmers trained in governance, group dynamics and leadership

5

65,603 Farmers using ISFM technologies

46,038 Ha Cropped with ISFM technologies

11,198 MT Commodity aggregated at a value of

US\$ 4M



Quantity (MT) of improved seeds by country -The Scaling Seeds and Technologies Partnership (SSTP) Project

| Country | Crops Seed | Production | LOA Target | % actual production of target |
|------------|--|------------|------------|-------------------------------|
| Ethiopia | Maize, Wheat, Teff, Sesame, Chickpea | 2,234 | 5,976 | 37% |
| Ghana | Maize, Cassava, Soybean, Rice, Cowpea, Yam | 9,048 | 4,665 | 194% |
| Malawi | Maize, Cassava, Pigeonpea, Beans, Sweet, potato, Rice, Groundnuts, Cowpeas | 4,418 | 7,231 | 61% |
| Mozambique | Maize, Cassava, Soybean, Pigeonpea, Groundnuts | 2,928 | 4,998 | 59% |
| Senegal | Maize, Sorghum, Rice, Groundnuts, Cowpeas, Millet | 4,390 | 14,214 | 31% |
| Tanzania | Maize, Cassava, Soybean, Pigeonpea, Sorghum, Beans, Irish potato | 4,641 | 6,614 | 70% |
| Total | | 27,657 | 43,698 | 63.29% |



Number and Value of FISFAP Grantees by December 2016

| | Ghana | | Kenya | | Tanzania | | Total | |
|-------------------------------|--------|-------------|--------|-------------|----------|-------------|--------|-------------|
| | Number | Value (USD) | Number | Value (USD) | Number | Value (USD) | Number | Value (USD) |
| Mechanization | | | | | 1 | 517,280 | 1 | 517,280 |
| Input Layaway Schemes | 1 | 867,788 | | | 1 | 400,000 | 2 | 1,267,788 |
| Alternative Delivery Channels | 2 | 1,204,613 | | | | | 2 | 1,204,613 |
| Supply Chain Financing | | | 3.00 | 1,649,113 | | | 3 | 1,649,113 |
| Total | | 2,072,401 | | 1,649,113 | | 917,280 | 8 | 4,638,794 |
| | | | | | | | | |

| | Ghana | Kenya | Tanzania | Total |
|--|-------|---------|----------|---------|
| Total number of farmers trained in Financial Literacy Program (Production and Post Proiduction combined) | | 57 | | 57 |
| Total number of farmers that have accessed finance | | 5,914 | | 5,914 |
| Total value of credit accessed by SHF | | 631,102 | | 631,102 |

NB: These are numbers from only three grants in FISFAP that reported for one quarter before the end of 2016. PROFIT numbers are expected to add to this pool in 2017





Burkina Faso

- The Direction Générale pour la Promotion de l'Economie Rurale (DGPER), Ministère de l'Agriculture et des Aménagements Hydrauliques (MAAH) led the planning and coordination of agricultural policy and regulatory reform options through the requisite administrative, legal processes and necessary stages of government approval prior to implementation. The reforms focused on the Agricultural Sector Investment Code, Warehouse Receipt System (WRS) for agricultural products, marketing regulations to prioritize procurement of domestic agricultural staple products and domestication of ECOWAS harmonized seed and fertilizer laws, and regulations.
- A technical committee led by DGPER revised the Agricultural Sector Investment Code document, which was approved by the MAAH and other relevant Ministries. MIRA facilitated the approval of

the document, which was submitted to the General Secretariat of the Government for review and approval by the Technical Committee for the Consideration of Draft Bills (COTEVAL) before it was introduced to the Council of Ministers. The decrees for the application of the Code were developed in December 2016.

- A technical committee was set up to draft the national strategy for the development of a warrantage and warehouse receipt system. The document was validated by stakeholders and a new draft of the strategy was produced. This now awaits the signature of the Minister of Agriculture.
- The reforms on agricultural marketing regulations were presented to the incoming Minister of Agriculture. To make the case for market reforms, the DGPER made a presentation at the national meeting of rice value chain actors to illustrate how Burkina Faso could successfully market domestic rice production. Consequently, contracts were signed between ministry departments, agencies and local rice suppliers to procure 15,000 tons of domestic rice. A circular was developed and signed by the Secretary-General of MAAH, directing government departments to use domestic products in the meals served during official ceremonies and meetings.



Ghana

- The Policy, Planning and Budget Directorate (PPBD), Ministry of Food and Agriculture led the planning, coordination and the administrative, legislative processes and various stages of government approval necessary for the implementation of the reforms. These include the approval, passage and gazettement of seed regulations, harmonized ECOWAS seed and fertilizer regulations, electronic data base for improving the efficiency of the fertilizer subsidy program, policy, the Act and regulations on High Quality Cassava Flour (HQCF) composite for use in the confectionary industry.
- The PPBD directors (MIRA National Coordinating team) worked with the Attorney General and Directorate of Crop Services to restart the ratification of ECOWAS Seed Regulation C/REG.4/O5/2008, outlining the harmonization of the rules governing quality control, certification and marketing of plant seeds and seedlings as well as Regulation C/ REG.13/12/12 relating to Fertilizer Quality Control. A workshop organized for the Parliamentary

Select Committee on Agriculture, Food and Cocoa Affairs endorsed the regulation and forwarded it to Parliament. The Parliament ratified ECOWAS harmonized seed and fertilizer regulations. The regulation draws on evidence generated from studies commissioned by the Seed and Soil Health Action Policy Nodes. The Attorney General clarified that there was no need to gazette the ECOWAS regulations after ratification. The regulations implementable within the framework of approved national seed regulations.

- After the passage of the ECOWAS harmonized seed and fertilizer regulations, the MIRA team initiated consultations with the Attorney General to kick start the process to lay down Ghana's seed regulation in Parliament for approval and passage into law. Following this, the Attorney General's office presented the regulations to MOFA for final approval on 19th October, 2016. The Minister of Agriculture finally approved, signed and sent back the regulations to the Attorney General's office on 31st October 2016. The regulations were forwarded to Parliament on 2nd November, 2016 for approval, but Parliament could not pass the regulation before the dissolution of the 6th Parliament. However, the MIRA team will facilitate the passage of this regulation when the new Parliament is in full session.
- Peasant Farmer's Association of Ghana (PFAG), an advocacy group for conducive policy environment and implementation of approved reforms, focused on gathering evidence through a desk review study on the situation of implementation of laws and regulations on inputs and awareness creation among various stakeholders for collective action to advocate for proper implementation.



Ethiopia

- The Policy Advisor seconded to Agricultural Transformation Agency led the planning, coordination, agricultural policy and regulatory reforms through the requisite administrative and legal processes as well as stages of necessary government approval prior to implementation.
- Reforms were initiated on the Directive/Guidelines for streamlining of policy processes and procedures under which the cereals export restrictions are introduced and revoked. Amongst the reforms introduced were the comprehensive legal framework governing contract farming to support agro-processing and value addition. It included reducing the burden on players within the sector by reviewing import duties on agricultural machinery spare parts, irrigation and drainage equipment, animal feed as well as the ingredients incorporated into compound feeds.

- The Policy Advisor provided analysis and recommendations on managing export restrictions.
 A review was initiated of existing best practices on mechanisms to ensure that export restrictions were implemented in a predictable and transparent manner.
- The Agricultural Transformation Council's progress on the Transformation Agenda, focused on Agribusiness, Markets and Enhanced Implementation Capacity Verticals.
- MIRA policy outputs were instrumental in persuading the Government of Ethiopia to lift the export ban on maize. The State Minister for Trade publicly announced this decision at the 4th National Cooperatives Bazar and Symposium. However, the ban was lifted only for certain categories of actors including cooperative unions, commercial farmers, and the Ethiopian Trading Business Corporation, a government parastatal.
- While the focus of MIRA policy work is on putting in place transparent and predictable policy processes and procedures, if and when the Government either imposes or lifts the cereals export ban, the policy work would also make the case for lifting the export ban not only for producers but traders and exporters who are the main players in the Ethiopian grain market. Between 85-90% of agricultural output marketing in Ethiopia is through private traders and the remaining 10-15% is through cooperative unions.



Nigeria

- The MIRA Nigeria project plays a significant role in strengthening the capacity of Nigerian Agribusiness Group (NAGB) to lead the coordination and facilitation of MIRA activities. NABG organized a public- private platform in Nigeria through the Fertilizer Producers and Suppliers Association of Nigeria (FESPAN), the Seed Entrepreneurs Association of Nigeria (SEEDAN), other private sector organizations, and the Federal Ministry of Agriculture and Rural Development (FMARD).
- The NABG led the planning, coordination and management of the reform options through the various administrative and legislative processes and stages of government approval prior to implementation. The key policy recommendations of the NABG Presidential Presentation Committee are underpinned by MIRA reforms in agri-inputs and services and market price stabilization mechanisms. The MIRA Nigeria reforms focus on the Fertilizer Quality Control Bill, the Revised Seed Act and the legal instruments for institutional arrangements to reach millions of smallholder farmers with improved, consistent and affordable agricultural inputs, including soil and crop-specific fertilizer blends

- and certified seeds of improved varieties and hybrids as well as commodity market price stabilization mechanisms.
- The NABG presented the agri-inputs and market price stabilization reform options targeted under the project during the Federal and State government-led National Council on Agriculture and Rural Development (NCARD) Conference in Kano. They were also presented to the Federal Ministry of Agriculture and Rural Development (FMARD) Roadmap Retreat Conference, the Agricultural Development Partners and Donor Working Group (ADWG) Roadmap reviews, Presidential Presentation to His Excellency the Vice President and to the Honorable Federal Minister of Agriculture and Rural Development. In addition, the reforms were presented to all NABG members at the Annual General Meeting held in December 2016.
- The Fertilizer Quality Control Bill went through the House of Representatives' first reading in December 2015; second reading in January 2016; and third hearing in June 2016. However, it has not yet been debated in the Senate. This Bill is currently at the concurrence stage in the National House of Assembly.
- The Revised Seed Bill reform progressed in the House of Representatives from the stage of Second Reading that was conducted on 28 April 2016 to Committee Stage and Public Hearing but has not been debated in the Senate. The Committee Stage and Public Hearing had been scheduled between September and October

- 2016, although this was postponed to the first quarter of 2017.
- A presidential committee on gas and fertilizer was inaugurated by the President in November 2016 with a mandate to ensure that fertilizers were affordable and available throughout the country. This committee is chaired by the Executive Governor of Jigawa State. It draws membership from the relevant ministries, department and agencies. FEPSAN was invited to be part of this committee. The issue of promotion of local production was put on the agenda and accepted. The federal government opted to directly support production plants in Nigeria to produce 1.5 million tons of fertilizers in 2017 farming season and sold at fixed market prices. As a result, the President of FEPSAN and the Chairman of OCP Morocco signed an agreement for the supply of phosphate on 2 December in Nigeria in the presence of the King of Morocco and the President of Nigeria. The President of Nigeria subsequently announced at the budget presentation in December 2016 that the program had already commenced. The Nigeria Sovereign Investment Authority (NSIA) has since mobilized action on these agreements with FEPSAN through NAIC-NPK Limited, which is a subsidiary of the Nigerian Sovereign Investment Authority incorporated for implementation of the project.



Tanzania

- The Directorate of Policy and Planning (DPP), Minister
 of Agriculture Livestock and Fisheries (MALF) working
 together with Tanzania Seed Trade Association
 (TASTA) and Fertilizer Society of Tanzania (FST) led
 the planning and coordination of the agricultural policy
 and regulatory reform options through the various
 administrative and legal processes necessary for
 government approval and implementation.
- The reforms focused on amendments to Circular 2011 to improve access by private seed companies to publicly protected pre-basic and basic seed; relaxing the barriers to registration of new fertilizer products arising from the requirement of 3 seasons of testing and payment of a testing fee of \$10,000 for each season; improving targeting and efficiency of fertilizer subsidy programs; institutional arrangement in the management of issuance of grain export permit system; and umbrella contract farming legislation to address gaps in contract farming laws.
- TASTA organized a seed industry stakeholders' meeting in March 2016, in which the Deputy Minister of Agriculture articulated government commitment to ensure that the private sector obtained access to

- protected varieties under Public Procurement. TASTA worked closely with MALF and when the tenders were sent out, four companies applied. After consultations with the Ministry and TASTA, three firms were shortlisted and signed the agreement. They are Agri-Seed, Beula and Namburi. They were required to pay royalties to the government for access to germplasm. Agreements were prepared and submitted to the Attorney General's Chamber and the Minister of MALF was empowered to enter into agreement with seed companies under the Plant Breeders' Act.
- TASTA participated at the National Agricultural Show (NANE NANE) in August 2016 in the AGRA Pavilion.
 The three seed companies obtained pre-basic seed and they have been multiplying breeder seed for certification and for sale to farmers. To expand access by more seed companies to breeder seed of publicly bred protected varieties, TASTA and MALF initiated drafting of regulations and standard operating procedures for tenders.
- The draft regulations were reviewed and improved by a team of experts during a meeting in September 2016 in Dar es Salaam. These were submitted to the Minister of Agriculture for his review and signature. They were revised and approved by the Permanent Secretary, and the revised amended Circular 2011 was re-submitted for approval and signature by the Minister of Agriculture. The secondary reforms, including Amendment of Seed Regulations on Tanzania, TOSCI service fees and standards for producing certified seed of roots and tubers were reviewed by technical experts, submitted by MALF to the Attorney General's Chamber, signed and officially gazetted for the industry to begin implementation.

- The FST worked with Tanzania Fertilizer Regulatory Authority (TFRA) and MALF to organize a meeting of experts that reviewed the Fertilizer Act 2011. They proposed changes to bring the regulations in line with changing technologies and competitive market organization of the industry. The changes were validated during a stakeholders' meeting held in June 2016.
- The second draft of Fertilizer Regulations was submitted to the Minister for approval and signature. The Prime Minister's Office agreed to coordinate an inter-Ministerial meeting to discuss various policy issues affecting fertilizer sector. The Minister of Agriculture signed the new Fertilizer Regulations. These include the reduction of the registration fees and testing in trials by the government research institutes to a single season in two agro-ecological zones and US \$10,000 compared to the regulation previously in force that required testing for three seasons at US\$10,000 per season and a total of US\$ 30,000 in registration fees per product. Other reforms included in the regulation include bulk procurement of fertilizer and indicative prices. The new regulations are being gazetted.
- The Agricultural Non State Actors Forum (ANSAF)'s advocacy efforts including evidence generation on input sector, market access, advocacy meetings, radio and TV broadcasts led to the reduction of barriers to trade for some crop commodities. Some levies and cess were revised and removed and a proposal for a post-harvest management strategy is at an advanced stage of development. ANSAFF, as secretary of the task force, is mandated by the Ministry of Agriculture to lead this work.



Mali

• In Mali Policy and advocacy work executed through the Observatoire Malien du Marche Agricole, (OMA). Through a series of advocacy meetings, OMA helped to fast-track the approval and adoption of the Warehouse Receipt System law in a bid to pave the way for value chain actors to access finances, warehouses and markets for agricultural products in the region. Other sensitization meetings and broadcasts on key findings of their assessment on the lack of enforcement of ECOWAS laws and regulations on inputs are still on-going.

Input Subsidy programs in various countries

AGRA initiated a project to evaluate the agricultural input subsidy programs in 2016 in Kenya Uganda, Tanzania, Rwanda, Malawi, Mozambique, Mali, Burkina Faso, Ghana and Nigeria. The short term objective of the project is to assist the governments in these countries to improve design, implementation and effectiveness of the subsidy programs while the long term objective will provide policy recommendations to ensure the profitability of using inputs so that farmers continue to purchase the inputs once the subsidy programs are terminated. AGRA has employed national consultants to gather data and evidence and to draft country reports. AGRA has also set up a steering committee of experts from AGRA and IFDC to oversee the project and provide guidance and feedback on every step of the project.

I. Macro-policy Advocacy achievements.

• Most of the macro level policy interventions, focused on strengthening implementation of the CAADP framework in partnership with the AUC/NPCA, IFPRI, AfDB, COMESA/ACTESA, EALA and Non State Actors (NSAs). A number of meetings and working groups were convened to frame the tools to strengthen mutual accountability in delivering agricultural transformation in Africa. The seven CAADP thematic working groups formalized are: Agricultural Investment Financing, Nutrition and Food Security, Agricultural Research and Extension, Agro-industry and Value Chain Development, Markets and Regional Trade, Resilience, Risk Management and Natural Resources Management, Knowledge Management, Policy Analysis and Accountability for results. The rationale

for the Technical Working Group's arrangements is to have an institutional arrangement designed to respond to a felt need, demand for capacity development felt by countries, RECs, and other CAADP implementing agencies. They will respond to expressed demand and provide support that builds technical capacity to those institutions

Two important tools, the CAADP Score Card and the Agricultural Policy Practice Index (APPI) were framed with stakeholders' support in the sector including donors, government's practitioners, NSAs, Academia, and think-tank.

- The CAADP score card will support the monitoring and evaluation of the National investment plans, measure progress made on implementing the CAADP frameworks and commitments from the Malabo Declaration while the APPI will focus on detailed aspects of Policy formulation and implementation for agricultural transformation.
- The APPI is a collaborative effort between Barefoot Education for Afrika Trust (BEAT) and AGRA and is being digitalized for public access. The Continent will have a tool to measure and assess policy practices even as we aim to continue piloting the tool in additional countries of Africa in the next phase. The aim is to use it as well in the forthcoming bi-annual review of the CAADP in addition to the agricultural score card under development by AUC/NPCA. The tool is in line with MIRA, tracking proposed reforms to Governments. It is a strong advocacy tool to assess the state of their implementation and the capacity of institutions and regulatory authorities charged with enforcement. The role of MIRA and advocacy grantees is critical for creating the appetite for both micro and macro policy reforms while pushing for enforcement of proposed recommendations. If they work properly together the whole ecosystem will

support the government with appropriate capacity for analysis, as well as tracking mechanisms for policy enforcement.

AGRA, Policy and Advocacy team also contributed to shaping the vision and mandate of ACTESA/COMESA at the second Advisory Committee meeting chaired by AGRA.

- AGRA has engaged with AUC/NPCA to define key areas and value chains to contribute to in the implementation of CAADP in AGRA countries and shaping national investment plans. AGRA is positioned as a go-to partner by AUC/NPCA and major donors delivering thought leadership on CAADP at both regional and country levels.
- AGRA developed a paper analyzing the impact of drought in Southern Africa and the response mechanisms by different institutions. Based on this paper, AGRA will embark on developing 'climatesmart' policies to provide long-term solutions against the effects of climate change. At Davos, AGRA convened a meeting with WFP and other partners to create awareness about the situation and coordinate responses in addition to humanitarian actions. AGRA believes that long-term sustainable solutions are needed to absorb the no longer undeniable fact of climate change.
- AGRA in collaboration with AUC/NEPAD/AfDB successfully started off the Seize the Moment Campaign under the theme "Seize the Moment,
 Securing Africa's Rise through Agricultural Transformation". At their various meetings, all the leaders of these institutions stressed the need to keep the agricultural transformation agenda at the center of discussions and decision making to maintain the momentum. This is in line with CAADP's 10 years of championing agriculture transformation through governments, donors, private sector and other non-State actors.

- AGRA Alliance partners include at the highest level - Heads of State, donors, and other policy makers in different institutions, including private sector representatives. A number of those financial commitments to financing agricultural transformation were publically announced and political commitments by Heads of States and Ministers made in support of CAADP's implementation and mutual accountability processes.
- Seven country profiles were developed for Kenya, Tanzania, Ethiopia, Uganda, Malawi, Ghana and Nigeria that were shared at the AGRF. The country profiles, using concrete evidence, summarize each country's progress to date toward meeting the Malabo targets and captures commitments over the next 5 years national governments will focus on to drive their Agriculture sector.

The Policy and Advocacy team engaged in various continental and international meetings as follows:

- AGRA participated and contributed to the Commemoration of the Africa Food Nutrition Security Day under the auspices of AUC/NPCA, FAO, UNDP and Government of Ghana which provided space for various organizations in the sector to share ideas and strategies to prioritize nutrition in all its aspects and ensure all linkages with other aspects of livelihoods of people are targeted. These include nutrition and food security, appropriate food systems, climate challenges, nutrition and health-HIV/AIDs, nutrition, water and sanitation (WASH) aspects, appropriate infrastructure and family planning.
- AGRA participated at a policy meeting convened by USAID's Bureau for Food Security for Agriculture Policy experts and analysts from various key institutions such as IFPRI, BMGF, MSU, Yale University, USDA,

- World Bank, AU, AGRA and independent experts to collectively take stock of changes occurring or expected to occur in agri-food systems. The meeting sought to understand the priority driving factors of these changes as well as the knowledge and evidence required to know that transformation is occurring and in the right direction. Based on such a discussion, the meeting addressed measurements of policy change effectiveness and the quality of the process.
- At a panel discussion during the African Economic Conference in Abuja, AGRA's strategy and experience in addressing inequalities in agricultural transformation and agro-allied industrialization processes was shared.
 10 action points were drawn from this process:
 - Consider the graduation from small to medium and large scale farmers in the process of agricultural transformation and industrialization.
 - While encouraging Foreign Direct Investment in agriculture, consideration should be given to land management and the protection of value chain actors avoid land grabs on a large scale.
 - Private sector-led financing and regional value chain development should be prioritized and strengthened.
 - 4. Solid progressive taxation systems and the distribution of revenues should be at heart of government policy agenda.
 - 5. Investments in rural infrastructure is mandatory and urgent if agriculture is to be developed, ensuring smallholder farmers are not left behind in agro-industrialization efforts.
 - 6. Partnerships are critical to the advancement of agricultural transformation as well as creating linkages between agriculture and industries.

- There is need to increase productivity through appropriate technologies including improved seed, good fertilizers, ISFM, increased and appropriate financing models, access to land and extension services.
- 8. Agricultural transformation cannot function if it is not supported by other social protection policies and instruments. Linkages that ensure all ministries are working together to address the bottlenecks faced by farmers and their families, insuring them for productivity, nutrition and health. Youth and women require support and empowerment, employment, access to education and appropriate skills, access to water and opportunities to manage the natural resources at their disposal.
- The implementation of existing good policies should be encouraged, while revisions and adjustments are recommended for those that require attention to the extent that new ones are adopted to ensure inequalities in agricultural transformation and agro-industrialization are addressed.

- 10. Agricultural transformation and industrialization are not only about economics or science, this also encompasses good governance endorsed at the highest political and leadership levels. African economies will prosper if corruption is addressed, if all aspects of gender assaults, including sexual gender based violence are addressed, if salaries for women are adjusted to same level as men, if women and youth are respected equally and if both men and women have equal opportunities at home and in the society.
- Other advocacy efforts were geared towards alliance building with like-minded organizations such as World Bank, AfDB, AUC/NEPAD, East African Legislative Assembly (EALA), FAO, WFP, CGIARS, IFPRI, One campaign, Oxfam, Actionaid, Trust Africa and CAADP Non State Actors Coalition (CNCA).

II. The IDRC supported capacity enhancement Program

- The project entitled "Strengthening evidence-based policy research and advocacy for an African Green Revolution" has progressed well as all milestones were met on time. The project is currently training students and mid-career professionals in agricultural economics and policy at Masters and PhD levels.
- The Masters' program that takes place at the University
 of Ouagadougou has already graduated 60 students
 out of the projected 120. The current employment rate
 stands at 73.75% and is expected to exceed 80% upon
 graduation of the last cohort in September 2017. 46
 women out of 120 (38.33%) will graduate, beating the
 target number of 23 women.
- The PhD program takes place at the University of Ghana and is expected to train 20 students in a cohort of 10. Currently 19 students including 3 females are undergoing training and the first cohort of 10 students graduated in December 2016 while the remaining 9 are expected to graduate in December 2017. Placement rates for these graduates is expected to be 100%.



